2012 ENERGY EFFICIENCY ANNUAL REPORT

OF

NEW ENGLAND GAS COMPANY

AUGUST 1, 2013

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I. INTRODUCTION

During program year 2012, the final year of implementation under the 2010-2012 three-year energy efficiency plans, the Massachusetts Energy Efficiency Program Administrators[1] (the "Program Administrators" or "PAs") continued to build on the nationally acclaimed successes of program years 2010 and 2011. Among the many awards and accomplishments achieved during program year 2012, the American Council for an Energy-Efficient Economy ("ACEEE") ranked Massachusetts number one in the nation for its energy efficiency efforts for the second year in a row.

Most notably in 2012, the PAs successfully delivered on their very ambitious goals for the program year, as reviewed and approved by the Massachusetts Department of Public Utilities (the "Department") in D.P.U. 09-116 through 09-127 and as submitted in each PA's 2012 Mid-Term Modification dated October 28, 2011. The PAs were able to attain historic levels of energy savings while maintaining budgetary control and complying with the directive of the Green Communities Act to seek all cost-effective energy efficiency opportunities. The 2012 goals were intentionally designed to be very challenging stretch goals, and achievements in savings and benefits reached unprecedented levels in Massachusetts for residential, low-income, and commercial and industrial ("C&I") programs. The PAs successfully implemented their programs in the field while also continuing this unprecedented ramp up of spending and savings levels for energy efficiency programs to meet goals not just for program year 2012, but for the full life of the three-year plans, and to sow the seeds for additional savings going forward.

The accomplishments of 2012 were achieved despite a slower than expected recovery in the economy, low natural gas prices, and a significant increase in savings goals. In the wake of these challenges, the PAs continued to proactively work toward developing new delivery methods to reach more customers and to encourage customers to move forward with greater commitments and investments in energy efficiency. For example, during 2012, the PAs focused on refining their marketing approach to achieve deeper savings from participating customers, and worked diligently to reach a broader range of customers to implement all cost-effective program offerings. The PAs also continued to develop new technologies and new initiatives in 2012 in order to expand programming efforts and achieve their goals.

The Program Administrators also continued to engage in very high levels of integration, coordination and cooperation – all of which are hallmarks of the 2010-2012 three-year energy efficiency plans. Examples of this statewide coordination in 2012 include the establishment of consistent guidelines and protocols for delivery of the Voluntary Accelerated Rebate Pilot, which will be implemented in 2013, and continued expansion of upstream product offerings.

In 2012, the Program Administrators created the Evaluation Management Committee ("EMC") similar to the successful C&I and Residential Management Committees. The EMC, comprised of PA representatives and the Massachusetts Energy Efficiency Advisory Council ("EEAC" or

[1] The Massachusetts Program Administrators are: Bay State Gas Company d/b/a Columbia Gas of Massachusetts, The Berkshire Gas Company, Blackstone Gas Company, Cape Light Compact, Fitchburg Gas and Electric Light Company d/b/a Unitil, National Grid, New England Gas Company, NSTAR Electric Company, NSTAR Gas Company, and Western Massachusetts Electric Company.

"Council") consultants, serves as a steering committee for statewide evaluation issues. The EMC plans, prioritizes and delineates the research studies to be undertaken. The PAs worked together to engage in 25 studies across a wide span of program sectors in 2012, underscoring the fact that the evaluation, measurement and verification ("EM&V") of these program offerings remains a critical and vital tool for both Program Administrators and interested stakeholders in an ever changing marketplace.

The Program Administrators also continued to be actively engaged with the EEAC and worked collaboratively with the EEAC's consultants to meet detailed reporting and data collection deadlines in 2012. The PAs reviewed and expanded upon many areas of policy and reporting, including continuing accurate data development, evaluation and measurement of successes and areas in need of modification, transparent codes and standards, and building the framework necessary to ensure the ability to continue to offer successful and sustainable energy efficiency programs in the Commonwealth.

In addition, the PAs were also at the forefront of creating a culture of sustainability through public education. In May 2012, the PAs hosted an Appreciative Inquiry Summit, the first of its kind for energy efficiency in Massachusetts, which provided a venue for a diverse array of nearly 300 key stakeholders, including customers, civic leaders, contractors, key trade allies, energy efficiency experts, and others to provide the PAs with insights to guide efforts designed to continue to create a culture of sustainability in the Commonwealth. The PAs also hosted an Energy Efficiency Conference and Expo in 2012, which featured a full day of programming focused primarily on business and municipal customers.

Throughout 2012, the PAs continued their efforts to integrate gas and electric energy efficiency services and expand statewide marketing efforts, which, through the use of the Mass Save brand, continued to be an integral part of promoting energy efficiency programs in Massachusetts. The 2012 marketing campaign introduced a renewed, simplified Mass Save message.

Simultaneously with the activities and achievements noted above, the Program Administrators also devoted considerable time and effort in 2012 to developing their 2013-2015 energy efficiency plans. During the 2013-2015 planning process, each PA focused on increasing savings goals and reducing costs, streamlining the participation process in all sectors and realigning outreach and delivery efforts to be more customer-focused, all of which built on the achievements and lessons learned from 2010-2012.

Given the unprecedented nature of these efforts, and the ambitious goals established in the 2010-2012 plans, program year 2012 performance has been an outright success for energy efficiency in Massachusetts. Over the three years of the 2010-2012 energy efficiency plans, the Program Administrators have achieved unprecedented levels of savings and benefits within budget, and look forward to continuing these efforts and achieving additional successes going forward.

A. Purpose of Annual Report

New England Gas Company (the "Company") is pleased to provide its Energy Efficiency Annual Report ("Annual Report") for 2012. The purpose of the Annual Report is to:

- Provide a comparison of the Company's planned, preliminary year-end, and evaluated (where applicable) expenses, savings, and benefits at the portfolio, sector, and program levels for the program year.
- Identify significant[2] variances between the Company's planned and evaluated costs, savings, and benefits for the program year, and discuss reasons for such variances.
- Discuss how program performance during the program year informs the Company's proposed modifications to program implementation, if any, during upcoming years.
- Describe the EM&V activities undertaken by the Company that have not been included in previous Annual Reports, and explain how the results of the EM&V studies impact program cost-effectiveness.
- Describe the performance incentives that the Company proposes to collect.

B. Organization of Annual Report

The Company's 2012 Annual Report is organized as follows:

- Section I.C provides summary information on program performance at the portfolio and sector levels.
- Section II provides detailed information on program performance at the sector and program levels for the residential, low-income, and C&I sectors.
- Section III provides detailed information on the EM&V studies included in the Annual Report for each sector.
- Section IV addresses statutory budget requirements.
- Section V addresses the performance incentives the Company proposes to collect.
- Section VI addresses energy efficiency audits conducted during the past five years.
- Section VII consists of Appendices A through F which provide further detailed supporting documentation for this report.

[2] Unless otherwise noted, "significant" variances are defined throughout this Annual Report as variances of +/-20 percent or more between the stated values.

C. Summary of Program Portfolio

The purpose of this section is to provide summary information on program performance at the portfolio and sector levels.

Tables[3] I.A and I.B provide summary information on program performance at the portfolio and customer sector levels, respectively.

New England Gas Company
I. Executive Summary

Table I.A: Program Portfolio Summary

Performance Category	Units	Planned Value	Preliminary Year-End Results		Evaluated Results		
			Value	% Change from Planned	Value	% Change from Preliminary	% Change from Planned
Expenses							
Total Program Costs	$	2,312,709			2,047,741		-11%
Performance Incentive	$	76,940			42,990		-44%
Savings & Benefits							
Gas							
Lifetime	therms	5,314,459	4,046,694	-24%	3,777,606	-7%	-29%
Annualized	therms	353,688	221,908	-37%	222,244	0%	-37%
Electric							
Annualized Energy	kWh	-	-	0%	-	0%	0%
Annualized Demand							
Summer	kW	-	0	0%	-	-100%	0%
Winter	kW	-	-	0%	-	0%	0%
Non-Gas Non-Electric Resources (Lifetime)	$	17,907	-	-100%	-	0%	-100%
Cost-Effectiveness							
TRC Benefits	$	5,446,004			4,173,089		-23%
TRC Costs	$	3,104,692			2,954,086		-5%
Net Benefits	$	2,341,312			1,219,003		-48%
BCR	n/a	1.75			1.41		-19%

Note: The Planned Values in Table I.A and all subsequent tables that contain Planned Values in this Annual Report (except as otherwise noted) were originally submitted to the Department on October 28, 2011 in New England Gas Company, D.P.U. 11-115.

As shown in Table 1.A, significant variances between planned and evaluated values at the portfolio level exist in: the Performance Incentive, Lifetime and Annual Savings, TRC Benefits, TRC Costs, Net Benefits and the overall BCR compared to Planned Value. The reasons behind such variances are as follows:

Performance Incentive- lower savings, net benefits and performance metrics were actually achieved than planned.

[3] The Company is also providing the Department with working Microsoft Excel spreadsheets for all of the tables included in this Annual Report. Such tables include all formulas and functions used in each table.

Lifetime and Annual Savings- Overall lower savings due to much lower participation in the Company's Low Income and Commercial & Industrial programs than planned, as well as, the overall impact of evaluation studies on savings.

TRC Benefits, TRC Costs, Net Benefits and BCR- Overall lower cost-effectiveness due to lower participation in programs, compounded with lower savings due to evaluation studies that impacted the Company's residential and C&I programs

Table I.B: Customer Sector Summary

Sector	Units	Planned Value	Evaluated Results	
			Value	% Change from Planned
Residential				
TRC Benefits	$	2,796,343	2,462,245	-12%
TRC Costs	$	1,707,240	1,930,182	13%
Net Benefits	$	1,089,103	532,063	-51%
BCR	n/a	1.64	1.28	-22%
Low-Income				
TRC Benefits	$	1,119,492	546,399	-51%
TRC Costs	$	515,806	477,362	-7%
Net Benefits	$	603,686	69,037	-89%
BCR	n/a	2.17	1.14	-47%
C&I				
TRC Benefits	$	1,530,169	1,164,446	-24%
TRC Costs	$	881,646	546,542	-38%
Net Benefits	$	648,523	617,904	-5%
BCR	n/a	1.74	2.13	23%
TOTAL				
TRC Benefits	$	5,446,004	4,173,089	-23%
TRC Costs	$	3,104,692	2,954,086	-5%
Net Benefits	$	2,341,312	1,219,003	-48%
BCR	n/a	1.75	1.41	-19%

NOTES:

Planned Values were filed as part of the MA Mid-term Modification, Docket D.P.U. 11-115, Exhibit H

As shown in Table 1.B, significant variances between planned and evaluated values at the portfolio level exist in all sectors during 2012. The reasons are as follows:

Residential Sector- The residential sector had slightly lower overall benefits and higher costs due to the cost to deliver these programs. Home Heating and Water Heating Program had greater participation and savings (pre-evaluated and evaluated) than budgeted. Impact evaluations affected savings, net benefits and the overall BCR for this sector. Expenses were lower than budget by $68,190, not including performance incentives. A more detailed discussion of these variances can be found in Section II.A.1

Low Income Sector- TRC Benefits and Net Benefits were lower due to lower savings of 58% compared to plan. The TRC Benefits were lower due to lower savings yielding

lower Net Benefits. A more detailed discussion of these variances can be found in Section II.B.1

Commercial and Industrial Sector- The Company continues to experience slower uptake for the C&I sector. Benefits were ahead of plan for both C&I Retrofit and C&I Direct Install. C&I New Construction and Renovation had no customer projects in 2012 with the basis of savings in prescriptive rebates. A more detailed discussion of these variances can be found in Section II.C.1

Residential Sector Highlights – The Company's residential program continued to have strong results during 2012. The GasNetworks® rebate program continues to help customers move to new energy efficient equipment. Residential savings increased in this program due to the number of participants and positive impact of evaluation studies. Residential programs with significant variances include:

- Residential New Construction & Major Renovation
- Residential Heating and Water Heating
- Residential Mass Save/ Residential Weatherization
- Residential Multi-Family Retrofit

A more detailed discussion of these variances can be found in Section II.A.

Low-Income Sector Highlights – The Company works with Self-Help and CFC (Citizens for Citizens) throughout the territory to deliver energy efficiency programs to qualified low-income customers. The low-income program had fewer participants than planned, which correlated to less savings and benefits.

Low-Income programs with significant variances include:

- Low-Income Retrofit

A more detailed discussion of these variances can be found in Section II.B.

C&I Sector Highlights – Continued economic pressure within the Company's service territory constrained the ability to yield savings within the Commercial and Industrial sector. The Company worked with several C&I customers in 2012 either helping them implement savings or begin the process of project planning for 2013. The Company did not see success this year in the direct install program, which had fewer customers participate.

C&I programs with significant variances include:

- C&I New Construction and Major Renovation
- C&I Retrofit
- C&I Direct Install

A more detailed discussion of these variances can be found in Section II.C.

II. PROGRAM PERFORMANCE

A. Residential Sector Programs

1. Summary

During 2012, the Company implemented the following residential programs:

Residential Programs

- Residential New Construction and Major Renovation
- Residential Heating and Water Heating
- Residential Mass Save/Weatherization
- Residential Multi-Family Retrofit

Tables II.A.1 and II.A.3 provide summary information on the performance of the residential programs at the sector and program levels, respectively. Please note the gas Program Administrators do not track data by end-use, and, therefore, are not required to provide the information in Table II.A.2.

The Residential Sector saw positive results in evaluated savings versus plan, while maintaining expenses. Evaluated savings saw a slight decrease in lifetime and increase in annual savings when compared to preliminary saving results of -3% and 8% respectively. The Cost-Effectiveness of this sector was equally impacted by evaluation results, which created variances in the TRC Benefits and Net Benefits. As previously mentioned, costs for this sector were under Plan by 6%, not including performance incentive.

New England Gas Company
II.A Residential Program Implementation
Sector Summary

Table II.A.1: Residential Sector Summary

Performance Category	Units	Planned Value	Preliminary Year-End Results		Evaluated Results		
			Value	% Change from Planned	Value	% Change from Preliminary	% Change from Planned
Expenses							
Total Program Costs	$	1,200,409			1,132,219		-6%
Performance Incentive	$	37,363			24,055		-36%
Savings & Benefits							
Gas							
Lifetime	therms	2,375,759	2,099,843	-12%	2,314,263	10%	-3%
Annualized	therms	118,053	110,663	-6%	127,338	15%	8%
Electric							
Annualized Energy	kWh	-	-	0%	-	0%	0%
Annualized Demand							
Summer	kW	-	0	0%	-	-100%	0%
Winter	kW	-	-	0%	-	0%	0%
Non-Gas Non-Electric Resources (Lifetime)	$	17,907	-	-100%	-	0%	-100%
Cost-Effectiveness							
TRC Benefits	$	2,796,343			2,462,245		-12%
TRC Costs	$	1,668,024			1,912,014		15%
Net Benefits	$	1,128,319			550,231		-51%
BCR	n/a	1.68			1.29		-23%

New England Gas Company
II.A Residential Program Implementation
Sector Summary

Table II.A.3: Residential Program Summary

Program / Performance Category	Units	Planned Value	Evaluated Results	
			Value	% Change from Planned
Residential New Construction & Major Renovations				
TRC Benefits	$	285,805	93,383	-67%
TRC Costs	$	291,885	134,131	-54%
Net Benefits	$	(6,080)	(40,748)	570%
BCR	n/a	0.98	0.70	-29%
Residential Heating and Water Heating				
TRC Benefits	$	1,324,583	1,609,564	22%
TRC Costs	$	701,049	1,156,288	65%
Net Benefits	$	623,534	453,276	-27%
BCR	n/a	1.89	1.39	-26%
MassSAVE				
TRC Benefits	$	-	-	0%
TRC Costs	$	130,650	75,079	-43%
Net Benefits	$	(130,650)	(75,079)	-43%
BCR	n/a	-	-	0%
Weatherization Program				
TRC Benefits	$	763,627	755,549	-1%
TRC Costs	$	379,275	479,448	26%
Net Benefits	$	384,352	276,102	-28%
BCR	n/a	2.01	1.58	-22%
Multifamily Retrofit				
TRC Benefits	$	422,328	3,748	-99%
TRC Costs	$	165,165	67,067	-59%
Net Benefits	$	257,163	(63,319)	-125%
BCR	n/a	2.56	0.06	-98%
Behavior/Feedback Program				
TRC Benefits	$	-	-	0%
TRC Costs	$	-	-	0%
Net Benefits	$	-	-	0%
BCR	n/a	#DIV/0!	#DIV/0!	#DIV/0!
Deep Energy Retrofit				
TRC Benefits	$	n/a	n/a	n/a
TRC Costs	$	-	-	0%
Net Benefits	$	n/a	n/a	n/a
BCR	n/a	n/a	n/a	n/a
Residential Building Practices and Demonstration Program				
TRC Benefits	$	n/a	n/a	n/a
TRC Costs	$	-	-	0%
Net Benefits	$	n/a	n/a	n/a
BCR	n/a	n/a	n/a	n/a
Energy Analysis: Internet Audit Program				
TRC Benefits	$	n/a	n/a	n/a
TRC Costs	$	n/a	n/a	n/a
Net Benefits	$	n/a	n/a	n/a
BCR	n/a	n/a	n/a	n/a
Community Based Pilot				
TRC Benefits	$	n/a	n/a	n/a
TRC Costs	$	-	-	0%
Net Benefits	$	n/a	n/a	n/a
BCR	n/a	n/a	n/a	n/a
TOTAL				
TRC Benefits	$	2,796,343	2,462,245	-12%
TRC Costs	$	1,668,024	1,912,014	15%
Net Benefits	$	1,128,319	550,231	-51%
BCR	n/a	1.68	1.29	-23%

NOTES:
Planned Values were filed as part of the MA Mid-term Modification, Docket D.P.U. 11-115, Exhibit H

Sections II.A.2 and II.A.3 provide more detailed information on the performance of each residential program.

Residential Sector Performance Highlights

During 2012, the Program Administrators built upon existing residential programs and significantly expanded initiatives to increase participation in all residential programs. Selected highlights are presented below:

- Residential New Construction and Major Renovation[4] – In 2012, with 121 communities adopting the Stretch Energy Code, this program faced a market in which energy codes continued to change. Single-family development picked up from previous years, but opportunities to capture future energy savings became increasingly difficult due to evolving code requirements. To address these barriers, the Program Administrators offered technical assistance as well as incentives to exceed the baseline. The PAs also increased market penetration while providing energy savings for residents. During 2012, the Program Administrators provided multiple trainings and participated in several recruitment events targeted at builders and trade allies new to performance-based construction. It is expected that builders will continue to look to the Program Administrators to provide training, technical assistance and incentives to meet the new energy codes. As of the end of 2012, over 40 Home Energy Rating System ("HERS") companies participated in the program. Finally, the Program Administrators in western Massachusetts continued to participate in the Western Massachusetts Storm Recovery Program. This storm recovery program contacted all of the communities affected by the 2011 tornado and distributed thousands of flyers to builders, building code offices, homeowners, tornado relief centers, town meetings/events and churches.

- Residential Heating and Water Heating - In 2012, the PAs collectively achieved over 100 percent of their annual savings goals within budget due to attractive customer incentives. Through the program, the Program Administrators reached out to 300 supply houses and over 1,000 contractors throughout Massachusetts and New England. The PAs continued to successfully utilize extensive contractor outreach via supply houses and big box retailers, which contributed to increased participation levels in this program. PAs sponsored and participated in 25 training events in 2012. On September 20, 2012, the PAs sponsored their 12th Annual GasNetworks®/Mass Save Fall Conference and Trade Show in Randolph, MA. Attendees included over 400 HVAC contractors, trainers, and inspectors from the across the Commonwealth, as well as 32 exhibitors. The Program Administrators coordinated a full-day agenda of training sessions and seminars on the latest high efficiency natural gas HVAC technologies and installation and maintenance practices. Participants also learned about opportunities to save

[4] Prior to 2012 this program was called Massachusetts New Construction with ENERGY STAR®.

energy and participate in PA programs. The Program Administrators also continued their integration efforts with the electric Residential Cooling and Heating Equipment ("Cool Smart[SM]") program and incorporated breakout sessions to include such topics as electronically commutated motors, brushless fan motor technology, hydronic heating, on-demand water heating, condensing and modulating boilers, near boiler piping, system sizing, renewables and codes and standards updates.

- Mass Save/Weatherization – Program Year 2012 was the first full year of the market model. Two groups of Mass Save participating contractors, Home Performance Contractors ("HPCs") and Independent Installation Contractors ("IICs"), with over 90 contractor companies statewide, provided services in addition to those offered by the lead vendors.

  The Contractor Best Practices Working Group continued to highlight the PAs' commitment to ongoing communication with participating contractors in the program. The group served as a forum to provide an open line of communication between HPCs, IICs, lead vendors and PAs to discuss any matters related to the program with an independent third-party facilitator.

  In 2012, the HEAT Loan program continued to offer loans ($500-$25,000), and the offerings were expanded to include central air conditioning and residential electric customers in individually metered condominium units. PAs saw an increase in both the average loan amount and the number of customers financing multiple measures. In addition, the PAs implemented various initiatives throughout the year including pre-weatherization and early boiler replacement incentives, sales and technical trainings, and marketing bonuses.

- Multi-Family Retrofit – At the conclusion of 2012 most PAs were close to or exceeded program goals. Energy efficient lighting, instant savings measures, and weatherization continued to be in high demand. The multi-family working group, consisting of representatives from both residential and C&I, coordinated between the two sectors to deliver comprehensive, whole facility, energy efficiency services.

  The Multi-Family Market Integrator continued to be an invaluable resource to the multi-family program in 2012 as illustrated in a year-over-year increase of 25 percent in incoming calls for multi-family services. This trend of successfully enrolling facilities can be credited to capitalizing on previously established relationships with facility owners/property managers, as well as the increased effort to create brand recognition through statewide marketing efforts.

A more detailed discussion of each of the above programs follows.

2. Residential Programs

a. Residential New Construction and Major Renovation

Purpose/Goal: The purpose of the Residential New Construction and Major Renovation program was to capture lost opportunities, encourage the construction of energy-efficient homes, and drive the market to one in which new homes are moving towards net-zero energy.

Targeted Customers: The target market for this program included homebuilders, contractors, architects/designers, trade allies, HERS raters, homebuyers, realtors, developers, low-income and affordable housing developers, code officials, and consumers in the market for new homes or major renovations.

Definition of Program Participant: A participant is defined as a unique gas account served under this program.

Beginning in 2013, the Program Administrators will use consistent participant definitions, as set forth in Appendix M to the 2013-2015 Three-Year Plan in D.P.U. 12-100 through 12-111.

Targeted End-Uses:

- Heating
- Air Duct
- Hot Water
- Envelope

Delivery Mechanism: The program was administered by each Program Administrator in its service territory and coordinated regionally through the Joint Management Committee ("JMC"). The JMC contractor was responsible for tracking and reporting program activity and advised the JMC on necessary program changes and enhancements. A separate third-party vendor conducted quality assurance/quality control of field activities. The JMC utilized a market-based network of trained contractors who offered energy efficiency and rating services to homebuilders.

Significant Differences in Actual Program Design from Approved Program Design: None.

Docket/Exhibit where the Program is Discussed and Approved: The program was discussed in detail in the Company's 2010-2012 Three-Year Gas Energy Efficiency Plan, filed October 30, 2009. See New England Gas Company- Fall River Service Area, D.P.U. 09-122, Exhibit NEGC-Fall River-1, pages 135-144 (bates numbering 00136-00145) and New England Gas Company-North Attleboro Service Area, D.P.U. 09-123, Exhibit NEGC-North Attleboro-1, pages 135-144 (bates numbering 00136-00145). The program was approved by the Department on January 28, 2010 in New England Gas Company- Fall River Service Area, D.P.U. 09-122 and New England Gas Company- North Attleboro Service Area, D.P.U. 09-123.

Table II.A.4[5] provides information on the performance of the Residential New Construction and Major Renovation program.

New England Gas Company
II.A Residential Program Implementation
Program Information

Table II.A.4: Residential New Construction & Major Renovations

Performance Category	Units	Planned Value	Preliminary Year-End Results		Evaluated Results		
			Value	% Change from Planned	Value	% Change from Preliminary	% Change from Planned
Expenses							
Total Program Costs	$	162,943			84,381		-48%
Performance Incentive	$	2,192			-		-100%
Participants	Homes	39			11		-72%
Program Cost / Participant	$	4,178			7,671		84%
Savings & Benefits							
Gas							
Lifetime	therms	208,832	56,130	-73%	56,775	1%	-73%
Annualized	therms	10,377	2,262	-78%	2,335	3%	-77%
Average Measure Life	yrs	20	25	23%	24	-2%	21%
Electric							
Annualized Energy	kWh	-	-	0%	-	0%	0%
Annualized Demand							
Summer	kW	-	-	0%	-	0%	0%
Winter	kW	-	-	0%	-	0%	0%
Non-Gas Non-Electric Resources (Lifetime)	$	1,753	-	-100%	-	0%	-100%
Cost-Effectiveness							
TRC Benefits	$	285,805			93,383		-67%
TRC Costs	$	291,885			134,131		-54%
Net Benefits	$	(6,080)			(40,748)		570%
BCR	n/a	0.98			0.70		-29%

The Company had significant variances between planned, preliminary year-end and evaluated values due to the following reasons:

The Company had fewer than budgeted customers take advantage of the ENERGY STAR® Homes program; 39 homes were budgeted compared to 11 actual. This is due to a decline in overall new single family home building within the Company's service territory. The program continues to struggle with additional costs to administer the program. The overall savings, both lifetime and annual, did not meet goal due to significantly fewer participants. The combination

[5] For each program and pilot program, the Company has defined "participant", and updated the "units" column in the program or pilot program table to be consistent with that definition.

of less savings and higher costs to deliver the program resulted in lower TRC Benefits and Net Benefits yielding a non cost-effective BCR of .70. The program was cost-effective in 2011 with 14 units completed and an overall BCR of 1.10. The Company currently has one project in 2013 that could potentially yield significant savings within a multiple unit dwelling. The Company continues to examine potential ways to reduce costs in this program and has met with the contracted administrator for this program. The Company expects to continue this program. Historical information on this program is as follows:

Residential New Construction & Major Renovation					
New England Gas Company				**Evaluated Results**	
Program Year	**2010**	**Units**	**Planned**	**Actual**	
Cost Effectiveness			**Value**	**Value**	**% Change from Planned**
TRC Benefits		$	233,607	46,685	-80%
TRC Costs		$	229,564	122,584	-47%
Net Benefits		$	4,043	-75,899	-1977%
BCR		n/a	1.02	0.38	-63%
				Evaluated Results	
Program Year	**2011**	**Units**	**Planned**	**Actual**	
Cost Effectiveness			**Value**	**Value**	**% Change from Planned**
TRC Benefits		$	260,113	142,967	-45%
TRC Costs		$	255,186	129,499	-49%
Net Benefits		$	4,927	13,468	173%
BCR		n/a	1.02	1.10	8%

EM&V studies included in the Annual Report that apply to this program:

- *MA RNC Program Incremental Cost Report*

This report provides estimates of the incremental costs per square foot involved in building high efficiency homes that meet the criteria of the MA RNC program. Incremental costs (costs above those of typical homes built outside the program) are estimated for single family, low-rise multi-family buildings of three or fewer stories, and mid- to high-rise multi-family buildings of four stories or more for each incentive option offered by the program. The study had no impact on savings. The study is discussed in more detail in Section III, Study 1.

- *Lighting Onsite Inventory and Saturation Study*

The objective of this study was to perform lighting inventories and estimate socket saturations in Massachusetts homes. The study also examined lighting purchase behavior and searched for evidence of incandescent bulb stockpiling. Saturation of all energy-efficient light bulbs, including CFLs, LEDs, and fluorescent tubes, increased to 39 percent statewide in 2013. The results of this study will increase energy savings by increasing the number of bulbs found in indoor fixtures. The study is discussed in more detail in Section III, Study 7.

The Company regularly reviews best available information to adjust strategies in order to achieve energy efficiency goals. With respect to 2012 program performance information, the Company incorporated the best available information into its 2013-2015 energy efficiency plan. With respect to the results of EM&V studies that were completed for 2012, the Company will review those results and make any necessary adjustments to ensure it remains on track to achieve its goals for 2013-2015. The Company will continue to monitor program performance to determine if any evaluation is significant enough to trigger a modification under the new MTM guidelines established in D.P.U. 11-120-A (Phase II) (2013).

b. Residential Heating and Water Heating

Purpose/Goal: The purpose of the Residential Heating and Water Heating program was to overcome market barriers to the installation of energy efficient heating/hot water equipment and to increase program awareness among consumers, plumbing/heating contractors, and home builders/developers, by means of rebates, marketing, and training courses.

Targeted Customers: The program targeted residential home owners with natural gas heating/hot water heating equipment (both new construction and existing homes), home designers/architects, engineers, plumbing and HVAC contractors and technicians, high efficiency heating equipment and related parts/accessory suppliers, manufacturers, and distributors, and new home building and remodeling contractors.

Definition of Program Participant: A participant is defined as the number of measures installed.

Beginning in 2013, the Program Administrators will use consistent participant definitions, as set forth in Appendix M to the 2013-2015 Three-Year Plan in D.P.U. 12-100 through 12-111.

Targeted End-Uses: The end-uses targeted by this program were space and water heating fueled by natural gas.

Delivery Mechanism: The program was administered by each Program Administrator in its service territory and coordinated regionally through the GasNetworks collaborative. GasNetworks utilized a third-party contractor secured through a competitive bidding process to administer rebate processing. This vendor was also responsible for tracking and reporting program activity to the Program Administrators. The program also has a second third-party contractor who provided trade ally outreach and program participant training to supply houses and manufacturers of natural gas high efficiency heating and water heating equipment.

Significant Differences in Actual Program Design from Approved Program Design: None.

Docket/Exhibit where the Program is Discussed and Approved: The program is discussed in detail in the Company's 2010-2012 Three-Year Gas Energy Efficiency Plan, filed October 30, 2009. See New England Gas Company- Fall River Service Area, D.P.U. 09-122, Exhibit NEGC-Fall River-1, pages 108-116 (bates numbering 00109-00117) and New England Gas Company-North Attleboro Service Area, D.P.U. 09-123, Exhibit NEGC-North Attleboro-1, pages 108-116 (bates numbering 00109-00117). The program was approved by the Department on January 28,

2010 in New England Gas Company- Fall River Service Area, D.P.U. 09-122 and New England Gas Company- North Attleboro Service Area, D.P.U. 09-123.

Table II.A.5 provides information on the performance of the Residential Heating and Water Heating Program.

Table II.A.5: Residential Heating and Water Heating							
Performance Category	Units	Planned Value	Preliminary Year-End Results		Evaluated Results		
			Value	% Change from Planned	Value	% Change from Preliminary	% Change from Planned
Expenses							
Total Program Costs	$	496,958			585,328		18%
Performance Incentive	$	16,459			12,628		-23%
Participants	Rebates	837			971		16%
Program Cost / Participant	$	594			603		2%
Savings & Benefits							
Gas							
Lifetime	therms	1,140,698	1,409,125	24%	1,607,346	14%	41%
Annualized	therms	56,682	74,687	32%	89,782	20%	58%
Average Measure Life	yrs	20	19	-6%	18	-5%	-11%
Electric							
Annualized Energy	kWh	-	-	n/a	-	n/a	n/a
Annualized Demand							
Summer	kW	-	0	n/a	-	n/a	n/a
Winter	kW	-	-	n/a	-	n/a	n/a
Non-Gas Non-Electric Resources (Lifetime)	$	-	-	0%	-	0%	0%
Cost-Effectiveness							
TRC Benefits	$	1,324,583			1,609,564		22%
TRC Costs	$	701,049			1,156,288		65%
Net Benefits	$	623,534			453,276		-27%
BCR	n/a	1.89			1.39		-26%

The Company had significant variances between planned, preliminary year-end and evaluated values due to the following reasons:

The Residential Heating and Water Heating Program experienced great success in 2012. Participants in the program exceeded budget by 16% driving incentive budgets up and associated savings. This program had positive pre-evaluated annual and lifetime savings and evaluated savings. While there were higher corresponding TRC Benefits, TRC Costs were 65% higher than planned and resulted in a BCR that was 26% lower. The Residential Heating and Water Heating Program is cost-effective with a BCR of 1.39.

EM&V studies included in the Annual Report that apply to this program:

- *Residential Heating and Water Heating 2012 Residential Heating, Water Heating, and Cooling Equipment Evaluation: Net-to-Gross, Market Effects, and Equipment*

Replacement Timing
The study updated Net-to-Gross ("NTG") ratios for certain prescriptive equipment available in the Residential Heating & Water Heating and Residential Cooling & Heating Equipment programs. It also analyzed net market effects ("NME") and looked into the timing of equipment replacement. Results indicate that NTG ratios are slightly higher than previously estimated for many measures. Further, NME analyses and data provide qualitative evidence to support this finding. The study also found program induced accelerated replacement of equipment that was not being captured in savings estimates; however, the level of replacement varied by equipment being installed. The net effect for the Company was to increase energy savings and decrease benefits for the 2012 evaluated results. The study is discussed in more detail in Section III, Study 2.

- *Massachusetts Residential Non-Energy Impacts (NEIs): Deemed NEI Values Addressing Differences in NEIs for Heating, Cooling, and Water Heating Equipment that is Early Replacement Compared to Replace on Failure*
  This memorandum provides adjusted deemed NEI values that address the differences in NEIs for residential heating, cooling, and water heating equipment that is early replacement compared to replace on failure. These deemed NEIs update the NEIs provided in the residential NEI report submitted by the PAs to the Department on August 15, 2011 in their 2010 Energy Efficiency Annual Reports in D.P.U. 11-63 through 11-73, 11-126. The results of this study decreased net lifetime benefits for 2012 evaluated results. The study is discussed in more detail in Section III, Study 25.

The Company regularly reviews best available information to adjust strategies in order to achieve energy efficiency goals. With respect to 2012 program performance information, the Company incorporated the best available information into its 2013-2015 energy efficiency plan. With respect to the results of EM&V studies that were completed for 2012, the Company will review those results and make any necessary adjustments to ensure it remains on track to achieve its goals for 2013-2015. The Company will continue to monitor program performance to determine if any evaluation is significant enough to trigger a modification under the new MTM guidelines established in D.P.U. 11-120-A (Phase II) (2013).

c. Residential Mass Save/Weatherization

Purpose/Goal: The purpose of the Mass Save/Weatherization program (also known as the Homes Energy Services ("HES") program) was to provide residential customers with energy efficiency recommendations that enable them to identify and initiate the process of installing cost-effective energy efficiency upgrades.

Targeted Customers: The HES target market is all non-low-income residential customers living in single-family houses or one- to four-unit buildings that are not part of a larger site where an association exists (such as a condominium association with multiple four-unit buildings). The program aims to reach the aforementioned customers who are interested in making their homes more energy efficient. The HES program is fuel-blind.

Definition of Program Participant: A participant is defined as the number of insulation and blower door air sealing jobs completed for Weatherization. A participant in Mass Save is defined as the number of instant savings measures (faucet aerators and showerheads) installed.

Beginning in 2013, the Program Administrators will use consistent participant definitions, as set forth in Appendix M to the 2013-2015 Three-Year Plan in D.P.U. 12-100 through 12-111.

Targeted End-Uses:

- Building Envelope (Deeper Retrofit Measures)
- HVAC/mechanical systems
- Hot Water

Delivery Mechanism: The Mass Save and Gas Weatherization programs were fully integrated in 2011 and were implemented by each PA's competitively procured lead vendor. The PAs incorporated both HPCs (to provide audits and weatherization work) and IICs (to implement weatherization work) into the program.

The program was delivered by lead vendors selected through a competitive bidding process. Lead vendors were responsible for managing and training market based participants such as participating IICs and HPCs. Additional lead vendor responsibilities include:

- Consistent statewide training
- Data reporting
- Achieving aggressive savings
- Customer satisfaction
- Quality control standards
- Scheduling requirements
- Technical assistance
- Maintain and report health and safety information

Two groups of Mass Save participating contractors, HPCs and IICs, provided services in addition to those services offered by the lead vendor. All participating contractors had to meet program eligibility and requirements. HPCs independently recruited customers, provided Home Energy Assessments ("HEAs"), and implemented weatherization measures. IICs provided installation of weatherization measures for those customers who received an HEA from the lead vendor. IICs also had the opportunity to independently recruit customers and refer them to the lead vendor for the HEA.

In order to receive incentives or program rebates, customers were required to have an HEA through either the PA's lead vendor or via a participating HPC to identify and prioritize all cost-effective energy efficiency improvements. Insulation work, whether performed by an HPC or IIC, is subject to quality control inspection(s) performed by the PA-vendor or third-party vendor.

This ensured that high quality was maintained, and that installations met Building Performance Institute standards or similar standards set by the PAs.

The gas and electric PAs remained under contract with Competitive Resources, Inc., a third-party Quality Control ("QC") vendor responsible for performing QC inspections of program implementation vendors and participating contractors. The QC vendor provided valuable information and feedback to the Program Administrators on program successes and identified areas of possible improvement.

The Program Administrators are working together toward a "best practices" approach to provide a more coordinated statewide training to reinforce quality installation techniques for the HES program. It is expected that training requirements for contractors to retain their status as a HES participating contractor will increase over time. Additionally, contractors must maintain a high level of customer satisfaction to continue in the program.

Significant Differences in Actual Program Design from Approved Program Design: None.

Docket/Exhibit where the Program is Discussed and Approved: The program is discussed in detail in the Company's 2010-2012 Three-Year Gas Energy Efficiency Plan, filed October 30, 2009 and the Company's 2012 RCS Budget Petition, filed November 1, 2011. See New England Gas Company- Fall River Service Area, D.P.U. 09-122, Exhibit NEGC-Fall River-1, pages 117-128 (bates numbering 00118-00129) and New England Gas Company- North Attleboro Service Area, D.P.U. 09-123, Exhibit NEGC-North Attleboro-1, pages 117-128 (bates numbering 00118-00129), and New England Gas Company, D.P.U. 11-RCS-12, respectively. The program was approved by the Department on January 28, 2010 in New England Gas Company- Fall River Service Area, D.P.U. 09-122 and New England Gas Company- North Attleboro Service Area, D.P.U. 09-123, and on December 27, 2011 in New England Gas Company, 11-RCS-12, respectively.

Table II.A.6 provides information on the performance of the Residential Mass Save program and Table II.A.7 provides information on the performance of the Weatherization program.

Table II.A.6: MassSAVE							
Performance Category	Units	Planned Value	Preliminary Year-End Results		Evaluated Results		
			Value	% Change from	Value	% Change from Preliminar	% Change from Planned
Expenses							
Total Program Costs	$	130,650			75,079		-43%
Performance Incentive	$	-			-		0%
Participants	Audits	510			416		-18%
Program Cost / Participant	$	256			180		-30%
Savings & Benefits							
Gas							
Lifetime	therms	-		0%		0%	0%
Annualized	therms	-		0%		0%	0%
Average Measure Life	yrs	-	-	0%	-	0%	0%
Electric							
Annualized Energy	kWh	n/a	n/a	n/a	n/a	n/a	n/a
Annualized Demand							
Summer	kW	n/a	n/a	n/a	n/a	n/a	n/a
Winter	kW	n/a	n/a	n/a	n/a	n/a	n/a
Non-Gas Non-Electric Resources (Lifetime)	$	-	-	0%		0%	0%
Cost-Effectiveness							
TRC Benefits	$	-			-		0%
TRC Costs	$	130,650			75,079		-43%
Net Benefits	$	(130,650)			(75,079)		-43%
BCR	n/a	-			-		0%

Table II.A.7: Weatherization Program							
			Preliminary Year-End Results		Evaluated Results		
Performance Category	Units	Planned Value	Value	% Change from Planned	Value	% Change from Preliminary	% Change from Planned
Expenses							
Total Program Costs	$	303,310			320,364		6%
Performance Incentive	$	9,663			11,427		18%
Participants	Accounts	197			381		93%
Program Cost / Participant	$	1,540			841		-45%
Savings & Benefits							
Gas							
Lifetime	therms	631,487	631,826	0%	647,539	2%	3%
Annualized	therms	31,379	33,399	6%	34,918	5%	11%
Average Measure Life	yrs	20	19	-6%	19	-2%	-8%
Electric							
Annualized Energy	kWh	n/a	-	n/a	-	n/a	n/a
Annualized Demand							
Summer	kW	n/a	-	n/a	-	n/a	n/a
Winter	kW	n/a	-	n/a	-	n/a	n/a
Non-Gas Non-Electric Resources (Lifetime)	$	11,023	-	-100%	-	0%	-100%
Cost-Effectiveness							
TRC Benefits	$	763,627			755,549		-1%
TRC Costs	$	379,275			479,448		26%
Net Benefits	$	384,352			276,102		-28%
BCR	n/a	2.01			1.58		-22%

The Company had significant variances between planned, preliminary year-end and evaluated values due to the following reasons:

- The Mass Save® program experienced lower program expenses compared to Plan due to fewer customers taking advantage of the Company's Home Energy Assessment program than anticipated.

- The Company's Weatherization program had greater participation this year compared to 2011 and compared to Plan. This successful program had a lower cost per participant, higher preliminary and evaluated savings and higher performance incentive.

- The Residential Mass Save/Weatherization Programs is cost-effective with a BCR of 1.58.

EM&V studies included in the Annual Report that apply to this program:

- *HES Realization Rate Results Memo*
  This study produced PA-specific realization rates (the ratio of ex ante to ex post savings) used to adjust insulation and air-sealing savings. The study increased program savings for the Company's 2012 evaluated results. The study is discussed in more detail in Section III, Study 3.

- *2012 Home Energy Services Pre-Weatherization Initiative Evaluation*
  This evaluation assessed the impact of additional incentives on a customer's decision to overcome pre-weatherization barriers (overcoming these barriers make them eligible to install certain recommended HES measures). The results of this study did not impact the 2012 evaluated results. The study is discussed in more detail in Section III, Study 9.

The Company regularly reviews best available information to adjust strategies in order to achieve energy efficiency goals. With respect to 2012 program performance information, the Company incorporated the best available information into its 2013-2015 energy efficiency plan. With respect to the results of EM&V studies that were completed for 2012, the Company will review those results and make any necessary adjustments to ensure it remains on track to achieve its goals for 2013-2015. The Company will continue to monitor program performance to determine if any evaluation is significant enough to trigger a modification under the new MTM guidelines established in D.P.U. 11-120-A (Phase II) (2013).

d. Residential Multi-Family Retrofit

Purpose/Goal: The purpose of the Residential Multi-Family Retrofit program was to address the energy efficiency retrofit opportunities in facilities with five or more residential dwelling units in the market rate sector.

Targeted Customers: Residential multi-family facilities with five or more dwelling units were targeted by this program.

Definition of Program Participant: A participant is defined as a residential dwelling unit served under this program.

Beginning in 2013, the Program Administrators will use consistent participant definitions, as set forth in Appendix M to the 2013-2015 Three-Year Plan in D.P.U. 12-100 through 12-111.

Targeted End-Uses:

- Heating, Ventilation, and Air Conditioning
- Domestic Hot Water
- Building Envelope
- End Use Behavior

Delivery Mechanism: The program was administered cooperatively by the gas and electric Program Administrators. The Multi-Family Market Integrator was responsible for facilitating the delivery of program services as well as acting as the conduit for participant inquiries to ensure that participants were not inconvenienced by having to contact multiple parties directly throughout the project lifecycle.

Significant Differences in Actual Program Design from Approved Program Design: None.

Docket/Exhibit where the Program is Discussed and Approved: The program is discussed in detail in the Company's 2010-2012 Three-Year Gas Energy Efficiency Plan, filed October 30, 2009. See New England Gas Company- Fall River Service Area, D.P.U. 09-122, Exhibit NEGC-Fall River-1, pages 145-160 (bates numbering 00146-00161) and New England Gas Company-North Attleboro Service Area, D.P.U. 09-123, Exhibit NEGC-North Attleboro-1, pages 145-160 (bates numbering 00146-00161). The program was approved by the Department on January 28, 2010 in New England Gas Company- Fall River Service Area, D.P.U. 09-122 and New England Gas Company- North Attleboro Service Area, D.P.U. 09-123.

Table II.A.8 provides information on the performance of the Residential Multi-Family program.

Table II.A.8: Multifamily Retrofit							
			Preliminary Year-End Results		Evaluated Results		
Performance Category	Units	Planned Value	Value	% Change from Planned	Value	% Change from Preliminary	% Change from Planned
Expenses							
Total Program Costs	$	106,549			67,067		-37%
Performance Incentive	$	9,049			-		-100%
Participants	Units	45			1		-98%
Program Cost / Participant	$	2,368			67,067		2733%
Savings & Benefits							
Gas							
Lifetime	therms	394,742	2,762	-99%	2,603	-6%	-99%
Annualized	therms	19,615	315	-98%	303	-4%	-98%
Average Measure Life	yrs	20	9	-56%	9	-2%	-57%
Electric							
Annualized Energy	kWh	n/a	-	n/a	-	n/a	n/a
Annualized Demand							
Summer	kW	n/a	-	n/a	-	n/a	n/a
Winter	kW	n/a	-	n/a	-	n/a	n/a
Non-Gas Non-Electric Resources (Lifetime)	$	5,131	1,137,558	22070%	-	-100%	-100%
Cost-Effectiveness							
TRC Benefits	$	422,328			3,748		-99%
TRC Costs	$	165,165			67,067		-59%
Net Benefits	$	257,163			(63,319)		-125%
BCR	n/a	2.56			0.06		-98%

The Company had significant variances between planned, preliminary year-end and evaluated values due to the following reasons:

- Participation in this program was significantly lower than projected, resulting in significantly higher expenses and lower performance incentives. The Company had 1 participant in the Multi-Family Retrofit program during 2012, which was the same amount as in 2011. The Company is pleased to report that in 2013 1 large residential multi-family project was completed in the Spring with 96 apartments implementing measures.

- Because participation in this program was significantly lower than projected, Annualized and Lifetime savings were significantly lower. In addition, the lower than expected participation level resulted in significant differences for TRC Benefits, TRC Cost and Net

Benefits, yielding a non-cost effective BCR of .06. Based on the significantly increased participation in 2013 noted above, the Company plans to continue this program. Historical information on this program is as follows:

Multi-Family Retrofit						
New England Gas Company				**Evaluated Results**		
Program Year	**2010**	**Units**	**Planned**	**Actual**		
Cost Effectiveness			**Value**	**Value**	**% Change from Planned**	
TRC Benefits		$	321,170	0	100%	
TRC Costs		$	105,633	0	100%	
Net Benefits		$	215,537	0	100%	
BCR		n/a	3.04	0	100%	
				Evaluated Results		
Program Year	**2011**	**Units**	**Planned**	**Actual**		
Cost Effectiveness			**Value**	**Value**	**% Change from Planned**	
TRC Benefits		$	407,973	119,697	-71%	
TRC Costs		$	126,741	83,017	-34%	
Net Benefits		$	281,232	36,680	-87%	
BCR		n/a	3.22	1.44	-55%	

As noted above, the Company's 2011 Multi-Family program was cost-effective with 1 customer due to the therm savings yielded from the project. In 2010, the Company did not have any customers take advantage of the program.

There were no evaluation studies pertaining to this program during 2012.

The Company regularly reviews best available information to adjust strategies in order to achieve energy efficiency goals. With respect to 2012 program performance information, the Company incorporated the best available information into its 2013-2015 energy efficiency plan. With respect to the results of EM&V studies that were completed for 2012, the Company will review those results and make any necessary adjustments to ensure it remains on track to achieve its goals for 2013-2015. The Company will continue to monitor program performance to determine if any evaluation is significant enough to trigger a modification under the new MTM guidelines established in D.P.U. 11-120-A (Phase II) (2013).

3. Residential Pilots

The Company did not offer any pilot programs in 2012.

B. Low-Income Sector Programs

1. Summary

In 2012, the Company implemented the Low-Income Retrofit program which consisted of two

initiatives: the Low-Income Single-Family Retrofit initiative and the Low-Income Multi-Family initiative.[6] The Company did not offer any pilots in the low-income sector during 2012.

Tables II.B.1 and II.B.3 provide summary information on the performance of the low-income program at the sector and program/initiative levels, respectively. Please note the gas Program Administrators do not track data by end use, and, therefore, are not required to provide the information in Table II.B.2.

New England Gas Company
II.B Low-Income Program Implementation
Sector Summary

Table II.B.1: Low-Income Sector Summary

Performance Category	Units	Planned Value	Preliminary Year-End Results		Evaluated Results		
			Value	% Change from Planned	Value	% Change from Preliminary	% Change from Planned
Expenses							
Total Program Costs	$	475,944			454,859		-4%
Performance Incentive	$	17,521			8,095		-54%
Savings & Benefits							
Gas							
Lifetime	therms	977,080	455,555	-53%	370,392	-19%	-62%
Annualized	therms	40,047	21,025	-48%	16,777	-20%	-58%
Electric							
Annualized Energy	kWh	-	-	0%	-	0%	0%
Annualized Demand							
Summer	kW	-	-	0%	-	0%	0%
Winter	kW	-	-	0%	-	0%	0%
Non-Gas Non-Electric Resources (Lifetime)	$	-	-	0%	-	0%	0%
Cost-Effectiveness							
TRC Benefits	$	1,119,492			546,399		-51%
TRC Costs	$	493,465			462,954		-6%
Net Benefits	$	626,027			83,445		-87%
BCR	n/a	2.27			1.18		-48%

As detailed in Table II.B1., the Company's Low Income Program had 31 fewer participants than planned, which yielded lower savings, benefits and net benefits.

[6] In their 2012 Mid-Term Modification filings the Program Administrators proposed a consolidation of the low-income single-family retrofit and low-income multi-family retrofit programs in order to form one low-income retrofit program, noting the expected benefits of increasing flexibility to meet customer needs.

New England Gas Company
II.B Low-Income Program Implementation
Sector Summary

Table II.B.3: Low-Income Program Summary

Program / Performance Category	Units	Planned Value	Evaluated Results	
			Value	% Change from Planned
Low-Income Retrofit				
TRC Benefits	$	1,119,492	546,399	-51%
TRC Costs	$	493,465	462,954	-6%
Net Benefits	$	626,027	83,445	-87%
BCR	n/a	2.27	1.18	-48%
TOTAL				
TRC Benefits	$	1,119,492	546,399	-51%
TRC Costs	$	493,465	462,954	-6%
Net Benefits	$	626,027	83,445	-87%
BCR	n/a	2.27	1.18	-48%

NOTES:

Planned Values were filed as part of the MA Mid-term Modification, Docket D.P.U. 11-115, Exhibit H

Section II.B.2 provides detailed information on the performance of the low-income program.

Low-Income Sector Performance Highlights

In 2012, the Program Administrators continued to leverage funds from the Department of Energy's Weatherization Assistance Program that is administered by the Department of Health and Human Services' for their low-income energy efficiency programs. This approach provided simplicity through a seamless, integrated experience for the participants, deeper efficiency penetration consistent with a whole house/building approach, as well as the ability to reach as many low-income residents as practicable with the greatest amount of eligible services.

In addition to public housing authorities and non-profit facilities, "for profit" multi-family facilities were also eligible to participate in the Low-Income Multi-Family Retrofit initiative in 2012, as long as 50 percent of the occupants qualified as low-income, and provided that the PA had budget dollars to serve this new market in its territory.

A more detailed discussion of the above program follows.

2. Low-Income Retrofit Program

Purpose/Goal: Two initiatives, the Low-Income Single Family ("LISF") Retrofit initiative and the Low-Income Multi-Family ("LIMF") Retrofit initiative, were incorporated in the Low-Income Retrofit program.

The purpose of the LISF Retrofit initiative was to increase energy efficiency and reduce the energy cost burden for income-eligible customers through the installation of gas energy efficiency measures to achieve deeper and broader energy savings consistent with a comprehensive, whole house approach.

The purpose of Low-Income Multi-Family Retrofit initiative was to deliver energy efficient products and services directly to income-eligible residential customers living in multi-family facilities with five or more dwelling units.

Targeted Customers: The LISF Retrofit initiative targeted residential gas customers living in one- to four-unit dwellings who were at or below 60 percent of the state median income level and who qualified to receive fuel assistance and/or utility-discounted rates. For two- to four-unit dwellings, 50 percent of the occupants had to qualify as low-income.

The LIMF Retrofit initiative targeted public housing authorities, non-profit housing developers, for-profit housing developers, landlords, property managers, and residential customers at, or below, 60 percent of median income living in multi-family properties consisting of five or more units.

Definition of Program Participant: A participant is defined as a unique gas account served under this program.

Beginning in 2013, the Program Administrators will use consistent participant definitions, as set forth in Appendix M to the 2013-2015 Three-Year Plan in D.P.U. 12-100 through 12-111.

Targeted End-Uses:

- Heating
- Hot water
- Envelope

Delivery Mechanism: PAs used a lead vendor and/or worked closely with their respective Community Action Program ("CAP") agencies on all aspects of the program design and implementation. All PAs worked in conjunction with the Low-Income Energy Affordability Network ("LEAN") as well as the Multi-Family Advisory Committee comprised of LEAN, Community Development Corporations, Public Housing Authorities and other nonprofit owners of low-income non-institutional multi-family housing. The Multi-Family Advisory Committee was tasked with prioritizing low-income multi-family projects for each PA, using benchmarking software called WegoWise. The lead vendor/CAP agencies were responsible for providing coordination of energy efficiency services to the customers, working with installation contractors to ensure that the proper initiative guidelines were enforced, ensuring that the customers met the eligibility requirements for program participation, and providing the CAP and/or PA with the required documentation of all work performed.

Significant Differences in Actual Program Design from Approved Program Design: None.

Docket/Exhibit where the Program is Discussed and Approved: The program is discussed in detail in the Company's 2010-2012 Three-Year Gas Energy Efficiency Plan, filed October 30, 2009. See New England Gas Company- Fall River Service Area, D.P.U. 09-122, Exhibit NEGC-Fall River-1, pages 161-168 (bates numbering 00162-00169) and pages 177-190 (bates numbering 00178-00191) and New England Gas Company- North Attleboro Service Area, D.P.U. 09-123, Exhibit NEGC-North Attleboro-1, pages 161-168 (bates numbering 00162-

00169) and pages 177-190 (bates numbering 00178-00191). The program was approved by the Department on January 28, 2010 in New England Gas Company- Fall River Service Area, D.P.U. 09-122 and New England Gas Company- North Attleboro Service Area, D.P.U. 09-123.

Table II.B.4 provides information on the performance of the Low-Income Retrofit program.

New England Gas Company
II.B Low-Income Program Implementation
Program Information

Table II.B.4: Low-Income Retrofit

Performance Category	Units	Planned Value	Preliminary Year-End Results		Evaluated Results		
			Value	% Change from Planned	Value	% Change from Preliminary	% Change from Planned
Expenses							
Total Program Costs	$	475,944			454,859		-4%
Performance Incentive	$	17,521			8,095		-54%
Participants	Jobs	102			71		-30%
Program Cost / Participant	$	4,666			6,406		37%
Savings & Benefits							
Gas							
Lifetime	therms	977,080	455,555	-53%	370,392	-19%	-62%
Annualized	therms	40,047	21,025	-48%	16,777	-20%	-58%
Average Measure Life	yrs	24	22	-11%	22	2%	-10%
Electric							
Annualized Energy	kWh	-	-	0%	-	0%	0%
Annualized Demand							
Summer	kW	-	-	0%	-	0%	0%
Winter	kW	-	-	0%	-	0%	0%
Non-Gas Non-Electric Resources (Lifetime)	$	-	-	0%	-	0%	0%
Cost-Effectiveness							
TRC Benefits	$	1,119,492			546,399		-51%
TRC Costs	$	493,465			462,954		-6%
Net Benefits	$	626,027			83,445		-87%
BCR	n/a	2.27			1.18		-48%

NOTES:

Program Administrator to define participant for each program, and update the "units" column to be consistent with that definition

"Average Measure Life" may be calculated as Lifetime Savings divided by Annualized Savings.

Planned Values were filed as part of the MA Mid-term Modification, Docket D.P.U. 11-115, Exhibit H

The Company had significant variances between planned, preliminary year-end and evaluated values due to the following reasons:

- The Company had 31 fewer participants compared to budget, which was (30% lower) than anticipated. Expenses for the program were under budget, as well as the associated savings, benefits and net benefit for the program. In 2013, the Company has worked with LEAN to deliver the low-income program to a large multi-family project that was originally anticipated to finish in 2012 but completed in 2013. The Company continues to work with LEAN and the local CAP agencies to deliver savings for customers. Because participation in this program was lower than projected, Annualized and Lifetime savings were significantly lower. In addition, the lower than expected participation level

resulted in significant differences for TRC Benefits, TRC Cost and Net Benefits. The Program is cost-effective with a BCR of 1.18.

EM&V studies included in the Annual Report that apply to this program:

- *Status of Ongoing Low Income Lighting and Heating Metering Study*
  This study assesses lighting hours of use and the prevalence of secondary heating in low-income households in Massachusetts. The two overarching objectives of the study are to determine a daily low income-specific lighting hours-of-use ("HOU") value to replace the current assumption, and to determine the prevalence of low-income customers who use a secondary heating source to warm their homes (and how best to incorporate secondary heating usage into future evaluations). These results are preliminary; the study is ongoing and will be finalized by early September. The results of this study did not impact the 2012 evaluated results. The study is discussed in more detail in Section III, Study 11.

The Company regularly reviews best available information to adjust strategies in order to achieve energy efficiency goals. With respect to 2012 program performance information, the Company incorporated the best available information into its 2013-2015 energy efficiency plan. With respect to the results of EM&V studies that were completed for 2012, the Company will review those results and make any necessary adjustments to ensure it remains on track to achieve its goals for 2013-2015. The Company will continue to monitor program performance to determine if any evaluation is significant enough to trigger a modification under the new MTM guidelines established in D.P.U. 11-120-A (Phase II) (2013).

C. Commercial and Industrial Sector Programs

1. Summary

During 2012, the Company implemented the following Commercial and Industrial ("C&I") programs:

- C&I New Construction and Major Renovation
- C&I Retrofit
- C&I Direct Install

The Company did not offer any C&I pilots in 2012.

Tables II.C.1 and II.C.3 provide summary information on the performance of the C&I programs at the sector and program levels, respectively. Please note the gas Program Administrators do not have end-use data available, and, therefore, are not required to provide the information in Table II.C.2.

II.C C&I Program Implementation

Sector Summary

Table II.C.1: C&I Sector Summary

Performance Category	Units	Planned Value	Preliminary Year-End Results		Evaluated Results		
			Value	% Change from Planned	Value	% Change from Preliminary	% Change from Planned
Expenses							
Total Program Costs	$	547,497			401,683		-27%
Performance Incentive	$	22,056			10,840		-51%
Savings & Benefits							
Gas							
Lifetime	therms	1,961,620	1,491,296	-24%	1,092,951	-27%	-44%
Annualized	therms	195,588	90,221	-54%	78,129	-13%	-60%
Electric							
Annualized Energy	kWh	n/a	n/a	n/a	n/a	n/a	n/a
Annualized Demand							
Summer	kW	n/a	n/a	n/a	n/a	n/a	n/a
Winter	kW	n/a	n/a	n/a	n/a	n/a	n/a
Non-Gas Non-Electric Resources (Lifetime)	$	-	-	0%	-	0%	0%
Cost-Effectiveness							
TRC Benefits	$	1,530,169			1,164,446		-24%
TRC Costs	$	854,343			520,139		-39%
Net Benefits	$	675,826			644,307		-5%
BCR	n/a	1.79			2.24		25%

The Company saw fewer participants, lower savings but a higher BCR compared to budget during 2012.

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New England Gas Company
II.C C&I Program Implementation
Sector Summary

Table II.C.3: C&I Program Summary

Program / Performance Category	Units	Planned Value	Evaluated Results	
			Value	% Change from Planned
C&I New Construction & Major Renovation				
TRC Benefits	$	752,859	281,604	-63%
TRC Costs	$	582,242	230,534	-60%
Net Benefits	$	170,617	51,070	-70%
BCR	n/a	1.29	1.22	-6%
C&I Retrofit				
TRC Benefits	$	698,203	763,831	9%
TRC Costs	$	209,988	223,599	6%
Net Benefits	$	488,215	540,232	11%
BCR	n/a	3.32	3.42	3%
C&I Direct Install				
TRC Benefits	$	79,107	119,010	50%
TRC Costs	$	60,219	65,213	8%
Net Benefits	$	18,888	53,798	185%
BCR	n/a	1.31	1.82	39%
Workforce Development				
TRC Benefits	$	n/a	n/a	n/a
TRC Costs	$	1,894	793	-58%
Net Benefits	$	n/a	n/a	n/a
BCR	n/a	n/a	n/a	n/a
Business Energy Analyzer				
TRC Benefits	$	n/a	n/a	n/a
TRC Costs	$	-	-	0%
Net Benefits	$	n/a	n/a	n/a
BCR	n/a	n/a	n/a	n/a
Deep Energy Retrofit				
TRC Benefits	$	n/a	n/a	n/a
TRC Costs	$	-	-	0%
Net Benefits	$	n/a	n/a	n/a
BCR	n/a	n/a	n/a	n/a
TOTAL				
TRC Benefits	$	1,530,169	1,164,446	-24%
TRC Costs	$	854,343	520,139	-39%
Net Benefits	$	675,826	644,307	-5%
BCR	n/a	1.79	2.24	25%

NOTES:

Planned Values were filed as part of the MA Mid-term Modification, Docket D.P.U. 11-115, Exhibit H

The Company was pleased with the results of the C&I Retrofit and Direct Install programs. While the C&I market has continued to struggle the Company has worked with some large C&I customers year over year, delivering savings and improving the operation of local businesses.

Section II.C.2 provides detailed information on the performance of each C&I program.

C&I Sector Performance Highlights

During 2012, the Program Administrators built upon existing C&I gas energy efficiency programs and significantly expanded initiatives to increase participation in all C&I programs. In order to provide appropriate customer incentives, the gas and electric Program Administrators continued to collaborate on projects in overlapping service territories by sharing both the costs and the results of technical assistance studies. The Program Administrators also held a *Gas Strategy Summit* to identify barriers to customer participation and any other program issues. PA efforts continued in 2012 to transform the workforce, including holding regional and local training events for plumbers, contractors, homeowners and business owners through the Program Administrators' GasNetworks®/Mass Save event schedule. The Program Administrators collectively evaluated emerging technologies through a series of shared seminars and discussions. Additional, more formal channels of testing and evaluation are being performed by individual Program Administrators, with resultant information being shared amongst the PAs. GasNetworks/Mass Save and the Massachusetts Technical Assessment Committee collaborated on a more formal process for emerging gas technologies. The following highlights the Program Administrators' efforts in the C&I gas energy efficiency arena during the 2012 program year:

- Annual Training - On September 20, 2012, the PAs sponsored their 12th Annual GasNetworks®/Mass Save Fall Conference and Trade Show in Randolph, MA. Attendees included over 400 HVAC contractors, trainers, and inspectors from the across the Commonwealth, as well as 32 exhibitors. The Program Administrators coordinated a full-day agenda of training sessions and seminars on the latest high efficiency natural gas HVAC technologies and installation and maintenance practices. Participants also learned about opportunities to save energy and participate in PA programs.

- Commercial Food Equipment Market - The PAs participated in various food equipment shows throughout the Commonwealth. In 2012, the gas PAs contacted commercial food service equipment dealers, distributors and manufacturers in Massachusetts on over 600 different occasions, including contacts with more than 50 trade partners, to build support and participation in the GasNetworks/Mass Save program. Approximately 2,580 pieces of program collateral and rebate forms were distributed to partners and end users resulting in 200 rebates being processed through the program. PAs also staffed a number of special events in 2012 to help build awareness and participation in the program. These events included the New England Food Service Expo and the College Sustainability Conference, both in Boston, MA, and the Perkins Trade Show in Foxboro, MA. The PAs also engaged trade partners in promoting the program through their existing marketing vehicles. As a result, the GasNetworks/ Mass Save program was featured in partner newsletters on four different occasions in 2012. Qualified equipment lists were also maintained and updated on a quarterly basis based on changes to the ENERGY STAR® and Food Service Technology Center websites. The PAs continue to research and analyze the market for efficient food service equipment, monitor developments in the industry

and emerging technologies, and collect data to help evaluate the program's impact.

- Statewide Training on Steam Systems - GasNetworks/Mass Save was represented at several contractor training days, refrigerant system training days, and supply house vendor and product shows. Information on contractor and other training, as well as the annual fall event to kick off the heating season, can be found throughout the year on masssave.com and gasnetworks.com. The PAs are proud to endorse renowned hydronic and steam heating expert Dan Holohan who has been a lead GasNetworks/Mass Save trainer and ally for several years.

- Commercial Custom Steam Program - The PAs completed a survey of each PA's steam trap program. Using these survey results, the PAs aligned the implementation of their programs for consistency throughout the Commonwealth. This has increased participation in some service territories.

- Statewide Forms Review for 2013 - The gas Program Administrators worked collectively to make changes to prescriptive offerings necessitated by market changes and efficiency standards testing issues. GasNetworks/Mass Save offered support to the vendor community with respect to information flow for the Northeast Furnace Standards Rule and the suspension, due to a flaw in the test procedure, of the Air-Conditioning, Heating and Refrigeration Institute and ENERGY STAR listings of modulating condensing boilers.

- C&I Gas Summit - GasNetworks/Mass Save hosted a C&I Gas Summit on July 26, 2012, which included participation from all Program Administrators and key stakeholders. Improved methods of administering programs and emerging technologies were identified. Specifically, improved collaboration between gas and electric PAs whose territories overlap was identified as a requirement to more effectively and efficiently deliver savings to customers. A matrix was developed that categorized the results of the Summit into the four guiding principles including: Emerging Technologies, Behavioral Motivators, Forms and Process Improvements, and Collaboration. The results were shared amongst the PAs to help address barriers that were common to all. The issues and barriers identified fell into three categories: Specific Measures, Collaboration and Trade Allies and Forms and Program Issues.

- Market Characterization and Segmentation - The gas Program Administrators analyzed different market segments including those in service territories shared with electric PAs. Technical teams developed lists of specific measures for different customer segments that will offer the best overall comprehensive efficiency opportunities. They also developed specific groups of measures that will be marketable to different customer segments. The PAs have been using technical assistance vendors to help identify savings for these newer measures, which is costly. For that reason, the PAs have been developing savings estimating tools for all of the PAs to share in order to lower the cost of technical assistance. Examples of these tools include the steam trap custom tool, the dual-

fuel screening tool, the rooftop controller tool, and the energy recovery ventilation tool. The Program Administrators are collectively seeking and providing training opportunities for the design communities and strategic vendors to familiarize them with these tools and measures.

A more detailed program-level discussion can be found in the following section.

2. C&I Programs

a. C&I New Construction and Major Renovation

Purpose/Goal: The C&I New Construction and Major Renovation program was designed to optimize the efficiency of equipment, building design and systems in new construction and renovation of commercial, industrial, institutional and government facilities. Focusing on offering a comprehensive set of electric and gas efficiency options specific to the needs unique to each customer, the program also targeted the brief window of opportunity to install premium grade replacements when equipment fails or is near the end of its useful life. In doing so, the Program Administrators worked to ensure that the best practices propagated by the program are ultimately built into the evolution of better building requirements.

Targeted Customers: The target market for this program was all time-dependent gas and electric energy efficiency opportunities in the C&I sector including commercial, industrial, institutional, and government customers.

Definition of Program Participant: A program participant is counted as an individual rebate.

Beginning in 2013, the Program Administrators will use consistent participant definitions, as set forth in Appendix M to the 2013-2015 Three-Year Plan in D.P.U. 12-100 through 12-111.

Targeted End-Uses:

- Lighting
- Motors & Drives
- HVAC
- Refrigeration
- Envelope
- Compressed Air
- Hot Water
- Process

Delivery Mechanism: The Program Administrators worked together to market and implement the program as a unitary statewide effort to maximize the acquisition of potential energy savings (gas and electric) in the ongoing market for new facilities and replacement equipment in the Commonwealth.

Significant Differences in Actual Program Design from Approved Program Design: None.

Docket/Exhibit where the Program is Discussed and Approved: The program is discussed in detail in the Company's 2010-2012 Three-Year Gas Energy Efficiency Plan, filed October 30, 2009. See New England Gas Company- Fall River Service Area, D.P.U. 09-122, Exhibit NEGC-Fall River-1, pages 203-214 (bates numbering 00204-00215) and New England Gas Company-North Attleboro Service Area, D.P.U. 09-123, Exhibit NEGC-North Attleboro-1, pages 203-214 (bates numbering 00204-00215). The program was approved by the Department on January 28, 2010 in New England Gas Company- Fall River Service Area, D.P.U. 09-122 and New England Gas Company- North Attleboro Service Area, D.P.U. 09-123.

Table II.C.4 provides information on the performance of the C&I New Construction and Major Renovation program.

New England Gas Company
II.C C&I Program Implementation
Program Information

Table II.C.4 C&I New Construction & Major Renovation

Performance Category	Units	Planned Value	Preliminary Year-End Results		Evaluated Results		
			Value	% Change from Planned	Value	% Change from Preliminary	% Change from Planned
Expenses							
Total Program Costs	$	397,912			171,853		-57%
Performance Incentive	$	8,395			794		-91%
Participants	Accounts	170			48		-72%
Program Cost / Participant	$	2,341			3,580		53%
Savings & Benefits							
Gas							
Lifetime	therms	601,099	307,369	-49%	347,816	13%	-42%
Annualized	therms	59,934	15,284	-74%	16,429	7%	-73%
Average Measure Life	yrs	10	20	101%	21	5%	111%
Electric							
Annualized Energy	kWh	n/a	-	n/a	-	n/a	n/a
Annualized Demand							
Summer	kW	n/a	-	n/a	-	n/a	n/a
Winter	kW	n/a	-	n/a	-	n/a	n/a
Non-Gas Non-Electric Resources (Lifetime)	$	-	-	0%	-	0%	0%
Cost-Effectiveness							
TRC Benefits	$	752,859			281,604		-63%
TRC Costs	$	582,242			230,534		-60%
Net Benefits	$	170,617			51,070		-70%
BCR	n/a	1.29			1.22		-6%

The Company had significant variances between planned, preliminary year-end and evaluated values due to the following reasons:

- The C&I New Construction segment saw minimal activity during 2012, similar to 2011. Challenging economic conditions in the Company's service territory continue to impact customers' participation in energy efficiency programs. The Company continues to work with local business and the Fall River Chamber of Commerce to identify customers who can take advantage of the depth of offerings within the Company's programs. All categories, including budgets, savings, benefits, net benefits and the performance

incentive, were affected by the lower than budgeted participation. The C&I New Construction and Major Renovation Program is cost-effective with a BCR of 1.22.

EM&V studies included in the Annual Report that apply to this program:

- *C&I Customer Profile Project*
  This study characterizes the Massachusetts energy efficiency market by analyzing recent customer usage and program participation data. The study relied on comprehensive billing and tracking data for all C&I customers to estimate the extent to which customers of various sizes and types participated in energy efficiency programs in 2011. The results of this study did not impact the 2012 evaluated results. The study is discussed in more detail in Section III, Study 17.

- *Mid-Sized Customer Needs Assessment - Interim Results*
  The study is investigating the extent to which current program offerings effectively serve the needs of mid-sized customers by conducting interviews with PAs and implementation contractors, and by analyzing available customer billing and tracking data to examine differences in participation rates across customer size groups. The interim results of this study do not impact the 2012 evaluated results. The study is discussed in more detail in Section III, Study 18.

- *Impact Evaluation of 2011 Prescriptive Gas Measures*
  This report presents the results of the impact evaluation of C&I prescriptive gas measures installed during program year 2011. The evaluation consists of on-site monitoring and verification of the savings for a sample of participants for four of the top five measures installed (based on total savings). The net effect for the Company was to increase energy savings. The study is discussed in more detail in Section III, Study 19.

- *Standard Boiler Research Plan and Interview Results Memo*
  This document summarizes the plan, execution, and the decision to re-scope a planned boiler baseline assessment. The study intended to identify baseline boiler features and operation for both prescriptive and custom boiler measures, followed by measurement and verification of non-program boilers. However, the team was not able to locate any customers with a relatively recently installed standard efficiency boiler that was willing to participate in the study. The study had no impact on savings. The study is discussed in more detail in Section III, Study 20.

- *Impact Evaluation of 2011 Custom Gas Installations*
  This study produced updated realization rates for custom commercial gas measures for NSTAR and PAs that use the statewide custom gas realization rate. There was no effect on savings for the Company as the Company did not have any Custom New Construction and Major Renovation projects in 2012. The study is discussed in more detail in Section III, Study 21.

The Company regularly reviews best available information to adjust strategies in order to achieve energy efficiency goals. With respect to 2012 program performance information, the Company incorporated the best available information into its 2013-2015 energy efficiency plan.

With respect to the results of EM&V studies that were completed for 2012, the Company will review those results and make any necessary adjustments to ensure it remains on track to achieve its goals for 2013-2015. The Company will continue to monitor program performance to determine if any evaluation is significant enough to trigger a modification under the new MTM guidelines established in D.P.U. 11-120-A (Phase II) (2013).

b. C&I Retrofit

Purpose/Goal: The C&I Retrofit program focused on comprehensive gas and electric energy efficiency opportunities associated with mechanical, electrical, and thermal systems in existing commercial, industrial, governmental and institutional buildings. Through this program, technical assistance and incentives were provided to encourage retrofitting of equipment that continued to function, but was outdated and inefficient, and could be replaced with a premium efficient product. In addition, this program helped participants identify specific peak load management opportunities and assisted occupants in improving their ongoing operation and maintenance practices.

Targeted Customers: The target market for this program was all non-residential customers – commercial, industrial, governmental, and institutional.

Definition of Program Participant: A program participant is a rebate or a custom project.

Beginning in 2013, the Program Administrators will use consistent participant definitions, as set forth in Appendix M to the 2013-2015 Three-Year Plan in D.P.U. 12-100 through 12-111.

Targeted End-Uses:

- Lighting
- Motors and Drives
- HVAC
- Compressed Air and Processes
- Envelope
- Water Heating

Delivery Mechanism: Program Administrator staff, trade allies, and project administrators performed most sales, marketing, program administration, and implementation functions, while outside contractors were retained for technical review of applications, on-site energy analysis, technical and design assistance for comprehensive projects, project commissioning services, and the actual measure installations, including turn-key services.

Significant Differences in Actual Program Design from Approved Program Design: None.

Docket/Exhibit where Program is Discussed and Approved: The program is discussed in detail in the Company's 2010-2012 Three-Year Gas Energy Efficiency Plan, filed October 30, 2009. See New England Gas Company- Fall River Service Area, D.P.U. 09-122, Exhibit NEGC-

Fall River-1, pages 191-202 (bates numbering 00192-00203) and New England Gas Company-North Attleboro Service Area, D.P.U. 09-123, Exhibit NEGC-North Attleboro-1, pages 191-202 (bates numbering 00192-00203). The program was approved by the Department on January 28, 2010 in New England Gas Company- Fall River Service Area, D.P.U. 09-122 and New England Gas Company- North Attleboro Service Area, D.P.U. 09-123.

Table II.C.5 provides information on the performance of the C&I Retrofit program.

Table II.C.5 C&I Retrofit

Performance Category	Units	Planned Value	Preliminary Year-End Results		Evaluated Results		
			Value	% Change from Planned	Value	% Change from Preliminary	% Change from Planned
Expenses							
Total Program Costs	$	99,765			165,365		66%
Performance Incentive	$	12,075			9,210		-24%
Participants	Accounts	679			91		-87%
Program Cost / Participant	$	147			1,817		1137%
Savings & Benefits							
Gas							
Lifetime	therms	1,209,138	1,130,405	-7%	693,799	-39%	-43%
Annualized	therms	120,560	69,811	-42%	56,784	-19%	-53%
Average Measure Life	yrs	10	16	61%	12	-25%	22%
Electric							
Annualized Energy	kWh	n/a	-	n/a	-	n/a	n/a
Annualized Demand							
Summer	kW	n/a	-	n/a	-	n/a	n/a
Winter	kW	n/a	-	n/a	-	n/a	n/a
Non-Gas Non-Electric Resources (Lifetime)	$	-	-	0%	-	0%	0%
Cost-Effectiveness							
TRC Benefits	$	698,203			763,831		9%
TRC Costs	$	209,988			223,599		6%
Net Benefits	$	488,215			540,232		11%
BCR	n/a	3.32			3.42		3%

NOTES:

Program Administrator to define participant for each program, and update the "units" column to be consistent with that definition

"Average Measure Life" may be calculated as Lifetime Savings divided by Annualized Savings.

Planned Values were filed as part of the MA Mid-term Modification, Docket D.P.U. 11-115, Exhibit H

An explanation of significant variances between planned, preliminary year-end and evaluated values follows:

- In 2012, the Company continued to experience the effects of a significant economic downturn in its service territory, which constrained its ability to achieve budgeted participation levels. The Company's C&I Retrofit program saw fewer customers take advantage of the program compared to budget. While savings were lower than budget, the measure mix delivered to customers yielded higher benefits and net benefits along with associated costs. The Company worked with several larger C&I customers during the year and is currently working with some again in 2013. The C&I Retrofit program is cost-effective with a BCR of 3.42.

EM&V studies included in the Annual Report that apply to this program:

- *C&I Customer Profile Project*
  This study characterizes the Massachusetts energy efficiency market by analyzing recent customer usage and program participation data. The study relied on comprehensive billing and tracking data for all C&I customers to estimate the extent to which customers of various sizes and types participated in energy efficiency programs in 2011. The results of this study did not impact the 2012 evaluated results. The study is discussed in more detail in Section III, Study 17.

- *Mid-Sized Customer Needs Assessment - Interim Results*
  The study is investigating the extent to which current program offerings effectively serve the needs of mid-sized customers by conducting interviews with PAs and implementation contractors and analyzing available customer billing and tracking data to examine differences in participation rates across customer size groups. The interim results of this study do not impact the 2012 evaluated results. The study is discussed in more detail in Section III, Study 18.

- *Impact Evaluation of 2011 Prescriptive Gas Measures*
  This report presents the results of the impact evaluation of C&I prescriptive gas measures installed during program year 2011. The evaluation consists of on-site monitoring and verification of the savings for a sample of participants for four of the top five measures installed (based on total savings). The net effect for the Company was to decrease energy savings. The study is discussed in more detail in Section III, Study 19.

- *Standard Boiler Research Plan and Interview Results Memo*
  This document summarizes the plan, execution, and the decision to re-scope a planned boiler baseline assessment. The study intended to identify baseline boiler features and operation for both prescriptive and custom boiler measures, followed by measurement and verification of non-program boilers. However, the team was not able to locate any customers with a relatively recently installed standard efficiency boiler that was willing to participate in the study. The study had no impact on savings. The study is discussed in more detail in Section III, Study 20.

- *Impact Evaluation of 2011 Custom Gas Installations*
  This study produced updated realization rates for custom commercial gas measures for NSTAR and PAs that use the statewide custom gas realization rate. There was no effect on savings for the Company. The study is discussed in more detail in Section III, Study 21.

The Company regularly reviews best available information to adjust strategies in order to achieve energy efficiency goals. With respect to 2012 program performance information, the Company incorporated the best available information into its 2013-2015 energy efficiency plan. With respect to the results of EM&V studies that were completed for 2012, the Company will review those results and make any necessary adjustments to ensure it remains on track to achieve its goals for 2013-2015. The Company will continue to monitor program performance to

determine if any evaluation is significant enough to trigger a modification under the new MTM guidelines established in D.P.U. 11-120-A (Phase II) (2013).

c. C&I Direct Install

Purpose/Goal: The primary objective of the C&I Direct Install Program was to provide cost-effective, comprehensive electric and gas retrofit services to business customers on a turnkey basis using the same delivery model throughout the Commonwealth.

Targeted Customers: The target market for this program was direct install retrofit business customers with electric consumption below 300kW.

Definition of Program Participant: A program participant is defined as a unique customer with measures installed.

Beginning in 2013, the Program Administrators will use consistent participant definitions, as set forth in Appendix M to the 2013-2015 Three-Year Plan in D.P.U. 12-100 through 12-111.

Targeted End-Uses:

- Lighting
- HVAC
- Hot Water
- Motors & Drives
- Refrigeration
- Envelope

Delivery Mechanism: Vendors were selected through a competitive bidding process to implement the program. These vendors marketed the program, performed facility audits, and offered recommendations to customers while completing audit forms and questionnaires. In addition, the same vendors purchased materials, installed measures, loaded data into a database, and prepared progress reports for the Program Administrators on a regular basis.

Significant Differences in Actual Program Design from Approved Program Design: None.

Docket/Exhibit where Program is Discussed and Approved: The program is discussed in detail in the Company's 2010-2012 Three-Year Gas Energy Efficiency Plan, filed October 30, 2009. See New England Gas Company- Fall River Service Area, D.P.U. 09-122, Exhibit NEGC-Fall River-1, pages 215-219 (bates numbering 00216-00220) and New England Gas Company-North Attleboro Service Area, D.P.U. 09-123, Exhibit NEGC-North Attleboro-1, pages 215-219 (bates numbering 00216-00220). The program was approved by the Department on January 28, 2010 in New England Gas Company- Fall River Service Area, D.P.U. 09-122 and New England Gas Company- North Attleboro Service Area, D.P.U. 09-123.

Table II.C.6 provides information on the performance of the C&I Direct Install program.

Table II.C.6 C&I Direct Install							
Performance Category	Units	Planned Value	Preliminary Year-End Results		Evaluated Results		
			Value	% Change from Planned	Value	% Change from Preliminary	% Change from Planned
Expenses							
Total Program Costs	$	47,925			63,672		33%
Performance Incentive	$	1,586			837		-47%
Participants	Accounts	67			11		-84%
Program Cost / Participant	$	715			5,788		709%
Savings & Benefits							
Gas							
Lifetime	therms	151,383	53,522	-65%	51,336	-4%	-66%
Annualized	therms	15,094	5,126	-66%	4,917	-4%	-67%
Average Measure Life	yrs	10	10	4%	10	0%	4%
Electric							
Annualized Energy	kWh	n/a	-	n/a	-	n/a	n/a
Annualized Demand							
Summer	kW	n/a	-	n/a	-	n/a	n/a
Winter	kW	n/a	-	n/a	-	n/a	n/a
Non-Gas Non-Electric Resources (Lifetime)	$	-	-	0%	-	0%	0%
Cost-Effectiveness							
TRC Benefits	$	79,107			119,010		50%
TRC Costs	$	60,219			65,213		8%
Net Benefits	$	18,888			53,798		185%
BCR	n/a	1.31			1.82		39%

An explanation of significant variances between planned, preliminary year-end and evaluated values follows:

Due to lower than expected delivery rates by the electric PAs, the Company experienced significant variances in this category. The C&I Direct Install program had higher administrative costs and lower savings compared to budget. While savings were lower, the measure mix delivered to customers through the program produced higher benefits and a better BCR than planned. The C&I Direct Install Program is cost-effective with a BCR of 1.82.

EM&V studies included in the Annual Report that apply to this program:

- *C&I Customer Profile Project*
  This study characterizes the Massachusetts energy efficiency market by analyzing recent customer usage and program participation data. The study relied on comprehensive billing and tracking data for all C&I customers to estimate the extent to which customers of various sizes and types participated in energy efficiency programs in 2011. The results of this study did not impact the 2012 evaluated results. The study is discussed in more detail in Section III, Study 17.

- *Mid-Sized Customer Needs Assessment - Interim Results*
  The study is investigating the extent to which current program offerings effectively serve the needs of mid-sized customers by conducting interviews with PAs and implementation contractors and analyzing available customer billing and tracking data to examine

differences in participation rates across customer size groups. The interim results of this study do not impact the 2012 evaluated results. The study is discussed in more detail in Section III, Study 18.

The Company regularly reviews best available information to adjust strategies in order to achieve energy efficiency goals. With respect to 2012 program performance information, the Company incorporated the best available information into its 2013-2015 energy efficiency plan. With respect to the results of EM&V studies that were completed for 2012, the Company will review those results and make any necessary adjustments to ensure it remains on track to achieve its goals for 2013-2015. The Company will continue to monitor program performance to determine if any evaluation is significant enough to trigger a modification under the new MTM guidelines established in D.P.U. 11-120-A (Phase II) (2013).

III. EVALUATION MEASUREMENT AND VERIFICATION ACTIVITIES

A. Summary

The Massachusetts Program Administrators completed 25 evaluation studies for the 2012 Energy Efficiency Annual Report. The studies that had the most significant influence on the final evaluated data for gas Program Administrators were the:

- C&I Customer Profile Project study
- HES Realization Rate Results evaluation
- 2012 Residential Heating, Water Heating and Cooling Equipment Evaluation: Net-to-Gross, Market Effects, and Equipment Replacement Timing study
- Impact Evaluation of 2011 Custom Gas Installations study
- Impact Evaluation of 2011 Prescriptive Gas Measures study

The C&I Customer Profile Project sought to characterize the Massachusetts energy efficiency market by looking at past customer participation, billing data, and customer usage. Overall, the study found the vast majority of savings in 2011 came from custom projects in the custom end-use, which supports a continuation of impact evaluation work to verify these savings. In addition, the study made several other key observations. One, there is an indication of opportunity for more savings in some customer sectors, for example the health care sector where the percent of participating customers is low (1.8 percent of electric and 3 percent of gas) while the savings achieved by participating customers is higher than average. However, while the study identified areas which appear to represent opportunity, it did not seek to answer why participation was low in the sectors. Two, participation rates appeared to increase as account size increased for both gas and electric, reflecting the individualized attention paid to these customers by PA account managers. However, the average savings percent was found to be highest for small gas and electric customers. Finally, the participation rate for gas customers with the same electric PA was found to be 2.6 percent, which was higher than the 1.6 percent participation rate for those with different electric PAs. Additional information on this process evaluation is discussed in more detail in Appendix C, Study 17.

The HES Realization Rate study is a supplemental evaluation following up on the larger 2011 HES Impact Study, which was completed in 2012. This evaluation was needed to provide specific PA realization rates and account for improvements in some vendor software. The HES Realization Rate study targeted two measures: insulation and air sealing. As a background, the savings for these measures are provided by the vendor, who utilizes proprietary software to calculate savings based on the existing conditions compared to the upgraded conditions. The study compared the vendor calculated savings with billing analysis in order to calculate realization rates. The study results showed overall higher savings and higher realization rates when compared with the 2011 impact study. This is due in part to increased adoption of

recommended weatherization measures by study participants. This study is discussed in more detail in Appendix C, Study 3.

The 2012 Residential Heating, Water Heating and Cooling Equipment Evaluation: Net-to-Gross, Market Effects, and Equipment Replacement Timing Study sought to determine net-to-gross ("NTG") ratios and early replacement timing for measures in the Residential Heating and Water Heating and Cool Smart programs. The results indicated that the NTG ratios are slightly higher than previously estimated for many measures. Further, the Net Market Effects ("NME") analyses and data show evidence that the primary cause of improved NTG ratios is the strong equipment rebate levels that moved the market towards higher tiered efficiency. The study also examined if the program incentives are causing the early replacement of existing equipment prior to failure, thus taking an inefficient equipment offline before the end of its useful life. While the study showed program induced early replacement occurring, the levels of such early replacement were not aligned with the non-energy impacts ("NEIs") assigned to various measures. Overall, this resulted in a modest increase in savings from early replacement, but a sharp decrease in NEIs associated with several measures. This study is discussed in more detail in Appendix C, Study 2. The NEI application is discussed in more detail in Appendix C, Study 25.

The Impact Evaluation of 2011 Custom Gas Installations and the Impact Evaluation of 2011 Prescriptive Gas Measures sought to test the accuracy of estimated savings of installed C&I custom and prescriptive gas measures. Historically, gas impact work generally found the gas savings estimates to be unpredictable. However, these two new studies showed results appear to be stabilizing. While some measure variation remains, the statewide custom realization rate on annual gas therm savings was found to be 82.1 percent of forecasted savings and the overall statewide prescriptive evaluated savings were found to be 102 percent of forecasted savings. These studies are discussed in more detail in App. C, Study 19 and 21.

Table III.A summarizes the EM&V studies that have not been included in previous Annual Reports. Please note: Studies 4, 5, 6, 8, 10, 13, 14, 15 and 16 apply to electric energy efficiency programs only and are, therefore, not included in the table below.

Table III.A: Evaluation Studies in Annual Report

Studies	Location of Complete Study in Annual Report	Docket & Exhibit Approving Planned Evaluation Studies	Implemented as Approved? (yes/no)
Residential Program Studies			
MA RNC Program Incremental Cost Report	App. C, Study 1	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	All Studies are implemented as planned
2012 Residential Heating, Water Heating and Cooling Equipment Evaluation: Net-to-Gross, Market Effects, and Equipment Replacement Timing	App. C, Study 2	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	

Table III.A: Evaluation Studies in Annual Report			
HES Realization Rate Results Memo	App. C, Study 3	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	
Results of the Massachusetts Onsite Lighting Inventory	App. C, Study 7	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	
Residential Pilot Studies			
2012 Home Energy Services Pre-Weatherization Initiative Evaluation	App. C, Study 9	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	All Studies are implemented as planned
Low-Income Program Studies			
Status of Ongoing Low Income Lighting and Heating Metering Study	App. C, Study 11	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	All Studies are implemented as planned
Commercial & Industrial Program Studies			
Massachusetts Small Business Direct Install: 2010-2012 Impact Evaluations	App. C, Study 12	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	All Studies are implemented as planned
Customer Profile Project	App. C, Study 17	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	
Mid-Sized Customer Needs Assessment - Interim Results	App. C, Study 18	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	
Impact Evaluation of 2011 Prescriptive Gas Measures	App. C, Study 19	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	
Standard Boiler Research Plan and Interview Results Memo	App. C, Study 20	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	
Impact Evaluation of 2011 Custom Gas Installations	App. C, Study 21	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	
Special & Cross Sector Studies			
Massachusetts Cross-Cutting Behavioral Program Evaluation Integrated Report	App. C, Study 22	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	All Studies are implemented as planned

Table III.A: Evaluation Studies in Annual Report			
2012 Massachusetts Statewide Marketing Campaign Evaluation Report	App. C, Study 23	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	
2013 Massachusetts Statewide Marketing Campaign: Pre-Campaign Snapshot	App. C, Study 24	Study was approved in January 2013 with the 2013-2015 Three-Year Plan, D.P.U. 12-100 through D.P.U. 12-111	
Massachusetts Residential Non-Energy Impacts (NEIs): Deemed NEI Values Addressing Differences in NEIs for Heating and Cooling Equipment that is Early Replacement Compared to Replace on Failure	App. C, Study 25	Study not submitted for approval	

B. Residential Program Studies

1. MA RNC Program Incremental Cost Report

Type of Study: Technology Evaluation
Evaluation Conducted by: NMR Group
Date Evaluation Completed: 6/11/2013

Evaluation Objective and High Level Findings: This report provides estimates of the incremental costs per square foot involved in building high efficiency homes that meet the criteria of the 2013 MA Residential New Construction (RNC) Program. Incremental costs above the costs of typical homes being built outside the program are estimated for single family (SF), low-rise multifamily buildings of three or fewer stories (MF 1-3), and mid- to high-rise multifamily buildings of four stories or more (MF 4+) for each of the incentive options offered by the program.

The evaluation provides the following incremental cost per square foot for homes built through the program.

MA RNC Single Family Incremental costs	Prescriptive		Performance		
	I	II	Tier I	Tier II	Tier III
Single Family Detached	$ 1.54	$ 6.39	$ 1.19	$ 4.57	$ 9.33

MA RNC Multi-family 1-3 story Incremental Costs	Prescriptive		Performance	
	I	II	Tier I	Tier II
Single Family Attached	$ 1.38	$ 5.61	$ 1.03	$ 1.27
Multifamily 1-3 No Master Meter	$ 0.10	$ 1.50	$ 0.65	$ 1.18
Multifamily 1-3 Master Meter Gas	$ 0.08	$ 1.48	$ 0.79	$ 1.35
Multifamily 1-3 story Overall	$ 0.60	$ 3.10	$ 0.86	$ 1.29

MA RNC Multi-family 4+ Story Incremental Costs	Residential In-unit Prescriptive	Whole bldg Simple Prescriptive	Whole bldg Interactive Prescriptive
Multifamily 4+ story	$ 0.14	$ 1.21	$ 1.65

MA RNC Incremental Costs By Sector	Single Family	Multi-Family 1-3 story	Multi-Family 4+ story
Overall Incremental cost/SF	$ 2.31	$ 0.95	$ 1.00

Programs to which the Results of the Study Apply:

- Residential New Construction and Major Renovation (Electric & Gas)

Evaluation Recommendations and Program Administrator Response: No recommendations were offered.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: No recommendations were offered.

Savings Impact: The study had no impact on savings.

Formulas Used in Impact Analysis: Historical RNC program participant data was used to inform differential pricing estimates and weighting.

Application of Results: Retroactively

How the Study Came to the Recommended Conclusions: No recommendations were offered.

A copy of the complete study can be found in Appendix C, Study 1.

2. 2012 Residential Heating, Water Heating, and Cooling Equipment Evaluation: Net-to-Gross, Market Effects, and Equipment Replacement Timing

Type of Study: Market Assessment, Market Characterization
Evaluation Conducted by: Navigant, ODC, and Cadmus
Date Evaluation Completed: 6/19/2013

Evaluation Objective and High Level Findings: The objectives of this evaluation were to:

1. Determine free-ridership (FR), spillover (SO), and net-to-gross (NTG) values by program measure,

2. Estimate the net market effects (NME) for each measure, and

3. Estimate the timing of equipment replacement (ER) across early replacement, replace on failure (ROF), and "in-between" categories. There is also a fourth category ("new") which is either a first-time installation of the end-use or new construction.

The high level findings are as follows:

FR, SO, and NTG estimates for Cool Smart and Residential Heating and Water Heating (HEHE) equipment measures are shown in Table 1. The results indicated that the NTG ratios are slightly higher than previously estimated for many measures. Further, the NME analyses and data provide qualitative evidence supporting this finding, and that the primary cause of improved NTG results is a better alignment of equipment efficiency tiers and associated rebate levels – and appropriate changes over time – to move the market.

Table 1: Average FR, SO, and NTG Estimates

Measure	FR	SO	NTG
Boilers, AFUE 90-95.9%	0.32	0.08	**0.76**
Boilers, AFUE ≥96%	0.31		**0.77**
Boilers, Overall	0.31		**0.77**
Furnaces, AFUE ≥95%	0.41	0.22	**0.81**
Central Air Conditioners/Heat Pumps, SEER 14.5-14.9	0.35	0.28	**0.93**
Central Air Conditioners, SEER ≥16	0.42		**0.86**
Central Air Conditioners, Overall	0.40		**0.88**
Ductless Mini-Splits	0.45	0.07	**0.62**
Storage Water Heaters, Energy Factor ≥0.67	0.13	0.13	**1.00**
Tankless Water Heaters, Energy Factor ≤0.94	0.37	0.26	**0.89**
Tankless Water Heaters, Energy Factor ≥0.95	0.28		**0.98**
Tankless Water Heaters, Overall	0.32		**0.93**
Integrated Space Heaters/Water Heaters with a Condensing Boiler	0.34	0.08	**0.74**

This study also addressed the Quality Installation Verification components of the Cool Smart Program. Table 2 provides a summary of the QIV FR, SO, and NTG values as follows:

Table 2: Quality Installation Verification NTG

Measure	Average FR	Average SO	NTG
Manual J Central Air Conditioners and Heat Pumps	0.38	0.16	0.78
Manual J Heating	NA	0.15	NA
Airflow Testing/Duct Sealing	0.15	0.07	0.92
Refrigerant Testing	0.22	0.24	1.02
Overall QIV	**0.25**	**0.16**	**0.91**

The measures responsible for the majority of savings due to equipment installations in the HEHE and Cool Smart programs are central HVAC systems: natural gas boilers, natural gas furnaces, central air conditioning, and heat pumps. As shown in Table 3, participants replacing equipment early (4 or more years of remaining life) represent more than 30% of boiler and 23% of furnace installations, but just 8% of central air conditioner and heat pump installations. Early replacement shares among integrated boiler/hot water units, storage water heaters, and tankless water heaters range from 20 to 33%. There is virtually no early replacement among ductless mini-split installations. More than 95% of these are either first-time cooling installations or are replacing window air conditioners. There are also a significant number of HEHE participants who are neither early nor replace-on-failure (ROF). These in-between installation estimates range from 15 to 25% across all of the program's major equipment measures.

Table 3. Equipment Replacement Timing in HEHE and Cool Smart Programs

Equipment Replacement Timing Shares				
Measure	**Early**	**New**	**ROF**	**In-Between**
Boiler	30.6%	0.0%	44.9%	24.5%
Furnace	23.1%	0.0%	61.5%	15.4%
Central Air Conditioner / Heat Pump	8.0%	50.4%	29.2%	12.4%
Ductless Mini-Split	2.5%	95.1%	0.0%	2.5%
Integrated Boiler / Water Heater	20.0%	0.0%	55.7%	24.3%
Storage Water Heater	33.3%	0.0%	50.0%	16.7%
Tankless Water Heater	28.0%	0.0%	54.8%	17.2%

Programs to which the Results of the Study Apply:

- Residential Cooling and Heating Equipment (CoolSmart) (Electric)

Evaluation Recommendations and Program Administrator Response: The following recommendations were made by the evaluators conducting this study. The initial response from the Company to these recommendations is summarized below.

> **Recommendation 1:** The evaluators want to acknowledge the lack of consensus on NTG algorithms, and recommend that the PAs and EEAC develop clear protocols across all residential and non-residential program categories to look at NTG issues more holistically.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: All recommendations are being considered for adoption at this time. The PAs have not formally adopted or rejected any recommendations that require changes to program design and operations. The PAs are considering undergoing an initiative in the Cross Cutting Sector to encourage methodological consensus.

Application of Results: Retroactively

How the Study Came to the Recommended Conclusions: The evaluators estimated measure-specific FR, SO and NTG via what is commonly referred to as the Self-Report Approach (SRA). The SRA method was also used to estimate the NME and ER estimates. The evaluators relied on

surveys with heating, cooling and water heating distributors and contractors, as well as surveys with program participants.

A copy of the complete study can be found in Appendix C, Study 2.

3. Home Energy Services Realization Rate Calibration

Type of Study: Impact Evaluation
Evaluation Conducted by: The Cadmus Group, Inc.
Date Evaluation Completed: 6/28/2013

Evaluation Objective and High Level Findings: The objective of the evaluation was to develop realization rates (the ratio of *ex ante* and *ex post* savings) that each Program Administrator (PA) could use to adjust insulation and air-sealing savings, as estimated by the most recent home auditing software employed by each HES implementer, to more closely reflect evaluated savings.

The evaluation yielded the following realization rates by PA (where appropriate and when sufficient data were available) for each of the four assessed heating fuel types.

Natural Gas

PA	n	Model Precision (at 90% confidence)	*Ex Ante*	*Ex Post*	Realization Rate
Berkshire Gas	182	±17%	161	137	0.85
Columbia Gas	294	±10%	209	131	0.63
National Grid	2,889	±4%	188	140	0.74
New England Gas	18	±83%	107	119	1.11
NSTAR	1,344	±5%	165	139	0.84
Unitil	22	±21%	256	175	0.68
Commonwealth-wide	**4,749**	**±3%**	**183**	**139**	**0.76**

Electric

PA	n	*Ex Ante*	*Ex Post*	Realization Rate
Cape Light Compact	101	2,693	1,360	0.51
National Grid	383	2,423	1,459	0.60
NSTAR	124	2,712	1,468	0.54
Commonwealth-wide	**608**	**2,527**	**1,445**	**0.57**

Heating Oil

PA	n	*Ex Ante*	*Ex Post*	Realization Rate
Cape Light Compact	748	16.4	16.4	1.00
National Grid	5,365	18.9	16.7	0.88
NSTAR	4,192	19.8	16.8	0.85
Unitil	128	38.6	13.9	0.36
WMECo	329	34.7	19.0	0.55
Commonwealth-wide	**10,762**	**19.8**	**16.8**	**0.85**

Propane

PA	n	*Ex Ante*	*Ex Post*	Realization Rate
Cape Light Compact	70	14.3	12.2	0.86
National Grid	216	14.3	12.6	0.88
NSTAR	91	14.2	13.5	0.95
Unitil	5	63.2	12.7	0.20
WMECo	10	33.4	14.6	0.44
Commonwealth-wide	**391**	**15.4**	**12.8**	**0.83**

Programs to which the Results of the Study Apply:

- Residential Mass Save (Home Energy Services) (Electric & Gas)

Evaluation Recommendations and Program Administrator Response: No recommendations were offered.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: No recommendations were offered.

Savings Impact: The PAs will use the results of this evaluation to retroactively adjust vendor provided *ex ante* savings estimates for insulation and air sealing measures.

Formulas Used in Impact and Process Analysis: The evaluation assessed *ex post* savings for both measures using two approaches: a billing analysis and an engineering analysis. A brief description of each follows:

- ***Billing Analysis.*** The evaluators developed a fixed-effects conditional savings regression model, using paired pre- and post-participation months to estimate savings for insulation and air sealing installed in homes heated by natural gas. The analysis utilized participation records from the High Efficiency Heating and Water Heating, Cool Smart, and OPower programs to ensure it did not misattribute the efficiency measures installed or behavioral changes resulting from those programs to the two HES measures.

- ***Engineering Analysis.*** For homes heated by electricity, heating oil, or propane, the evaluators estimated savings using PA- and fuel-specific U.S. Department of Energy (DOE-2) based simulation models, calibrated using each PA's average observed pre-program energy consumption. The simulation models were updated using detailed measure data and home characteristics recorded by HES implementers as well as a variety of weather files selected to best represent each PAs service territory.

Application of Results: Retroactively

How the Study came to the Recommended Conclusions: No recommendations were offered.

A copy of the complete study can be found in Appendix C, Study 3.

4. Massachusetts Consumer Survey Results Winter -2012

This study applies to electric energy efficiency programs only and is, therefore, not included in the Gas PAs' Energy Efficiency Annual Reports.

5. Residential Lighting Shelf Survey and Pricing Analysis.

This study applies to electric energy efficiency programs only and is, therefore, not included in the Gas PAs' Energy Efficiency Annual Reports.

6. Lighting Retailer, Supplier Perspectives on the Massachusetts ENERGY STAR Lighting Program

This study applies to electric energy efficiency programs only and is, therefore, not included in the Gas PAs' Energy Efficiency Annual Reports.

7. Lighting Onsite Inventory and Saturation Study

Type of Study: Technology Evaluation
Evaluation Conducted by: NMR Group
Date Evaluation Completed: 6/7/2013

Evaluation Objective and High Level Findings: The objective of this study was to perform lighting inventories and estimate socket saturations in Massachusetts homes. The study also examined lighting purchase behavior and searched for evidence of incandescent bulb stockpiling.

The main conclusions of the study are as follows:

- Most households used at least one CFL in 2013, even if some of them were dissatisfied with the products or not even aware they were using CFLs.
- The percentage of sockets filled with CFLs in 2013 was 28%, which was statistically similar to the 26% observed in 2009. The stagnation in CFL saturation can in part be explained by households replacing burned out CFLs with newly purchased CFLs.
- Saturation of all energy-efficient light bulbs, including CFLs, LEDs, and fluorescent tubes, increased to 39% in 2013.
- LED saturation remained low, at 2% of the total, but doubled from Spring 2012 to Spring 2013. Most LEDs were the under-the-cabinet type, not A-shaped bulbs.
- About 61% of sockets remaining in homes could theoretically be filled with an energy efficient light bulbs; about 57% of the remaining potential rests with standard bulbs, while the other 43% rests with specialty applications (i.e., dimmable or three-way control or does not have the A-shape).
- Households stored about two CFLs on average in 2013.

- The average onsite household bought about three CFLs in 2012—two of them were standard CFLs and one was a specialty CFL.

- The evaluators found evidence of stockpiling of incandescent bulbs; households stored an average of four incandescent bulbs, particularly 60-Watt bulbs. However, none of the onsite participants tied this behavior to EISA but instead explained that they just like to have extra bulbs on hand.

Programs to which the Results of the Study Apply:

- Residential ENERGY STAR Lighting® (Electric)
- Residential New Construction (Both)
- Low Income Residential New Construction (Electric)
- Multi-Family Retrofit (Both)

Evaluation Recommendations and Program Administrator Response: The following recommendations were made by the evaluators conducting this study. The initial response from the Program Administrator to these recommendations is summarized below.

Recommendation 1: Continue tracking the Massachusetts lighting market through regular consumer surveys, onsite saturation studies, shelf stocking surveys, and supplier interviews.

Recommendation 2: The PAs should perform a net-to-gross study as one has not been performed since 2010. This study will help to clarify whether current program-supported sales are helping to prevent backsliding to incandescents or incandescent halogen bulbs or whether they represent a high amount of free ridership.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: All recommendations are being considered for adoption at this time. The PAs have not formally adopted or rejected any recommendations that require changes to program design and operations.

The PAs will continue to track the lighting market to evaluate the impact of EISA. The PAs will also continue to work within the EMC to determine the correct timing to conduct a NTG study on the evolving lighting market.

Savings Impact: The report estimated the number of bulbs in indoor fixtures for all bulb types to be 1.49.

Formulas Used in Impact Analysis: There are no savings impacts, but PAs will update the assumed number of bulbs for indoor fixtures to be 1.49.

Application of Results: Retroactively

How the Study Came to the Recommended Conclusions: The study involved performing onsite visits to 150 homes in Massachusetts. Trained technicians took detailed notes about all lighting sockets and light bulbs found in the home, including bulbs found in storage. Households

also provided information on when and where they purchased bulbs, why they stored bulbs, and the intended use of bulbs found in storage. The evaluators analyzed the data in Excel spreadsheets and in the Statistical Package for Social Sciences (SPSS) to arrive at the study conclusions.

A copy of the complete study can be found in Appendix C, Study 7.

8. Massachusetts ENERGY STAR® Lighting Program: Early Impacts of EISA

This study applies to electric energy efficiency programs only and is, therefore, not included in the Gas PAs' Energy Efficiency Annual Reports.

C. Residential Pilot Studies

9. 2012 Home Energy Services Pre-Weatherization Initiative Evaluation

Type of Study: Process Evaluation
Evaluation Conducted by: The Cadmus Group, Inc.
Date Evaluation Completed: 4/19/2013

Evaluation Objective and High Level Findings: The objective of the evaluation was to assess the impact of initiative additional incentives on customer's decision to overcome pre-weatherization barriers (which then made them eligible to install certain recommended HES measures). The initiative targeted three common, low-cost pre-weatherization barriers: evidence of knob and tube wiring, general combustion safety, and improper dryer venting. The evaluation also assessed the delivery of the initiative itself. Key conclusions included:

Conclusion 1: The initiative data did not show a significant change in the measure adoption rate for National Grid and NSTAR customers who faced the knob and tube wiring barrier. Although these findings suggest that the initiative may not have influenced the measure adoption rate, it is important to remember that the provided data only represent a subset of HES customers, and the evaluators' analysis was limited to two PAs and only one barrier.

Conclusion 2: While the turnkey option offers customers easy access to approved contractors, the PAs and lead vendors that offered the turnkey option were uncertain of the delivery option's long-term viability. These PAs and lead vendors cited difficulties identifying and enrolling contractors given the limited financial opportunities for these contractors. In other words, the level of work for contractors generated by the initiative (to inspect knob and tube wiring and clear other pre-weatherization barriers) was not substantial enough to interest and enlist a sufficient number of approved turnkey contractors. PAs and lead vendors also cited the administrative burden, such as managing and updating the list of qualified contractors willing to participate in the program, as a challenge to turnkey viability. Further, according to Phase 2 participant survey respondents, only a small number of participants used this delivery option.

Conclusion 3: Non-participants indicated confusion about what the initiative actually covered for knob and tube wiring. During the survey, even after being told the incentive was only to check the wiring, non-participants still wanted a higher incentive: they were not able to differentiate between the cost of the inspection and the cost of potentially replacing the knob and tube wiring (if live).

Conclusion 4: PA stakeholders and customers that employed a 30-day deadline for initiative enrollment indicated that additional time would have helped. Specifically, survey respondents that were given the 30-day deadline indicated that the timeframe presented a challenge for addressing the initiative barriers (12%, n=13). However, an analysis of acceptance rates revealed that customers who were given a 30-day deadline had higher acceptance rates than those offered the 90-day deadline.

Conclusion 5: Interviews with PAs and lead vendors indicate that elements of the initiative's design and delivery varied across PAs. Examples of variation included marketing materials, participant forms, incentive amounts, and the timing of when participants received the rebate for clearing a barrier.

Programs to which the Results of the Study Apply:

- Residential Mass Save (Home Energy Services) (Electric & Gas)

Evaluation Recommendations and Program Administrator Response:

The following recommendations were made by the evaluators conducting this study.

Recommendation 1: The evaluators suggest that the PAs should work closely with their lead vendors to determine the long-term viability and effectiveness of the turnkey option.

Recommendation 2: The evaluators suggest that the PAs identify ways to better communicate what the cost of checking knob and tube actually covers and how it differs from the cost to actually replace the knob and tube wiring.

Recommendation 3: The evaluators suggest that the PAs consider a compromise deadline of 45 or 60 days that keeps some of the benefits of the immediacy of the deadline, but makes it more realistic for customers to meet the deadline.

Recommendation 4: While some variation may be necessary, the evaluators suggest that the PAs should discuss these variations, determine best practices, and standardize design and delivery as much as possible across the state.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: In an effort to standardize design and delivery, the PAs have adopted a 60 day deadline for acceptance of the incentive. All other recommendations are being considered for adoption at this time. The PAs have not formally adopted or rejected any of the other recommendations that require changes to program design and operations.

Savings Impact: There are no savings impacts.

Formulas Used in Impact and Process Analysis: There are no savings impacts.

Application of Results: Prospectively

How the Study Came to the Recommended Conclusions: The Pre-Weatherization Initiative evaluation included PA program manager interviews, program vendor staff interviews, 118 participant and nonparticipant customer surveys, and a review of pilot and historical program data. Based on information obtained through these data collection methods, the evaluators used their professional judgment and experience evaluating energy efficiency programs to offer recommendations aimed at improving program processes where appropriate.

A copy of the complete study can be found in Appendix C, Study 9.

10. Residential Lighting Controls Initiative Evaluation

This study applies to electric energy efficiency programs only and is, therefore, not included in the Gas PAs' Energy Efficiency Annual Reports.

D. Low-Income Program Studies

11. Low Income Hours of Use and Heating Study

Type of Study: Impact Evaluation
Evaluation Conducted by: The Cadmus Group, Inc.
Date Evaluation Completed: 6/28/2013

Evaluation Objective and High Level Findings: The objective of the study is to assess lighting hours of use (HOU) and the prevalence of secondary heating among low income customers. The study is currently underway and will be completed by September 6, 2013.

While the study is ongoing, the evaluators can offer the following preliminary findings at this time:

- The preliminary low income-specific HOU of 2.66 is slightly less than the current program assumption of 2.8 hours/day.
- Low income seniors use their lights less (2.12 hours per day) than low income non-senior (2.88).
- Homes with secondary heating sources appear to supplement their primary heating when heating their home. As a result, future evaluations should consider the impact of program measures on both primary and secondary heating.

The following caveats are important to consider given the study's status:

- The study is ongoing and all preliminary findings are subject to change. The evaluators do not anticipate significant changes to the key results presented in this memo, but acknowledge these results may shift slightly following a complete review process.

- The preliminary findings may also change based on agency's bulb installation practices. Discussions to date indicate that some agencies may install efficient lighting in any available sockets, while others may target specific high-use room or fixture types. The agency's collective installation practices have ramifications on the appropriateness of the preliminary HOU of 2.66, which represents average usage across all sockets in low income homes.

Programs to which the Results of the Study Apply:

- Low-Income New Construction (Electric)

- Low-Income 1-4 Family Retrofit (Electric & Gas)

- Low-Income Multi-Family Retrofit (Electric & Gas)

Evaluation Recommendations and Program Administrator Response: No recommendations were offered, but the status memo does state that future low income impact evaluations should include secondary heating fuels when estimating total program savings.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: The PAs will include secondary heating fuels where appropriate in future low income impact evaluations.

Savings Impact: No savings impacts are offered at this time.

Formulas Used in Impact and Process Analysis: The preliminary study findings are based on analysis of 261 site visits at randomly sampled low income customer homes across the Commonwealth of Massachusetts.

At each home, trained technicians completed a whole-home lighting inventory and installed up to 10 lighting loggers per home. The technicians also installed a meter that assesses thermostat usage (for both manual and programmable thermostats) and meters that monitored heating equipment. In total, more than 2,000 lighting loggers and 800 meters were installed on heating equipment and collected usage information from November 29, 2012, through May 2, 2013.

The raw data collected through this robust metering process were reviewed, weighted, and annualized to estimate annual usage.

Application of Results: Prospectively

How the Study Came to the Recommended Conclusions: No formal recommendations were offered.

A copy of the complete study can be found in Appendix C, Study 11.

E. C&I Program Studies

12. Massachusetts Small Business Direct Install: 2010-2012 Impact Evaluations

This study applies to electric energy efficiency programs only and is, therefore, not included in the Gas PAs' Energy Efficiency Annual Reports.

13. Prescriptive VSD Impact Evaluation

This study applies to electric energy efficiency programs only and is, therefore, not included in the Gas PAs' Energy Efficiency Annual Reports.

14. Impact Evaluation of 2010 Prescriptive Lighting Installations

This study applies to electric energy efficiency programs only and is, therefore, not included in the Gas PAs' Energy Efficiency Annual Reports.

15. Impact Evaluation of 2011 Custom Refrigeration, Motor and Other Installations

This study applies to electric energy efficiency programs only and is, therefore, not included in the Gas PAs' Energy Efficiency Annual Reports.

16. Process Evaluation of the 2012 Bright Opportunities Program

This study applies to electric energy efficiency programs only and is, therefore, not included in the Gas PAs' Energy Efficiency Annual Reports.

17. C&I Customer Profile Project

Type of Study: Market Characterization
Evaluation Conducted by: DNV KEMA
Date Evaluation Completed: 6/20/2013

Evaluation Objective and High Level Findings: The primary goals of the C&I Customer Profile project were to:

- Characterize the Massachusetts energy efficiency market by analyzing recent customer usage and program participation data.

- Collect comprehensive billing and tracking data for all C&I customers to develop a single database to provide a consistent source of program tracking and billing data to support ongoing evaluation efforts.

- Estimate the extent to which customers of various sizes and types participated in energy efficiency programs during 2011.

- Document the processes used to consolidate and normalize PA data, and recommend enhancements to tracking systems to improve accuracy of results in future studies.

Highlights of the results of the analyses of participation by sector include:

- Custom vs. Prescriptive: The vast majority of savings in 2011 came from custom projects (64% of electric and 81% of gas). This would support a continuation of impact evaluation work of customer projects to ensure that methods used to calculate savings are effective.

- End Uses: On the electric side, the end use categories with the highest 2011 savings were lighting, combined heat and power (CHP) and heating, ventilation and air-conditioning (HVAC). While impact evaluations are underway for lighting and CHP, it has been several years since the last HVAC study. For gas projects, most 2011 savings came from HVAC.

- Business Type: The reliability of the estimated participation and savings rates by business type is limited by the fact that only 59% of billing accounts could be assigned to a business type. However, it appears that while only 1.8% of electric accounts classified as healthcare participated, their average savings was 23%. Similarly for gas, of the 3% of accounts classified as healthcare and education, the average savings was high. This may indicate the potential for significantly more savings in these sectors.

- Account Size: Participation rates increase as account size increases for both gas and electric, reflecting the individualized attention paid to these entities by PA account managers. However, the average savings percent is highest for small gas and electric accounts.

- Same PAs: The participation rate for gas customers with the same electric PA is 2.6%, which is higher than the 1.6% participation rate for those with different electric PAs. This may be an indication of the challenges faced in coordinating marketing efforts between PAs.

Programs to which the Results of the Study Apply:

- C&I New Construction and Major Renovation (Electric & Gas)

- C&I Large Retrofit (Electric & Gas)

- C&I Small Retrofit (Electric & Gas)

Evaluation Recommendations and Program Administrator Response: The following recommendations were made by the evaluators conducting this study. The initial response from the Program Administrator to these recommendations is summarized below.

Recommendation 1: Standardization of tracking database information about end uses and building types would increase the accuracy of any information derived from the records received.

Recommendation 2: In order to evaluate overall customer participation, it is necessary to build the capability to link accounts across fuels.

Recommendation 3: Leverage the baseline information collected here for other market characterization projects and efforts to estimate savings opportunities in each sector.

Recommendation 4: Incorporate checks to ensure that account numbers entered into tracking systems are accurate, and correspond to those in billing systems.

Recommendation 5: If there is a need for more reliable information by business type, explore services and software to use names and addresses to lookup business type rather than relying on PA designations.

Recommendation 6: Build on this one year snapshot with additional data going forward to accumulate program participation history.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: All recommendations are being considered for adoption at this time. The PAs have not formally adopted or rejected any recommendations that require changes to program design and operations.

Savings Impact: Not applicable. This is a market characterization study.

Formulas Used in Impact Analysis: Not applicable. This is a market characterization study.

Application of Results: Prospectively

How the Study Came to the Recommended Conclusions: The project involved the collection, organization and analysis of 2011 energy efficiency project tracking data and billed energy usage for all Massachusetts Commercial and Industrial (C&I) gas and electric customers. The statewide database developed from this project has already provided information upon which other C&I impact and process evaluation work has been based. Once the data were collected and consolidated, it was analyzed to produce summaries that characterize the current energy efficiency market in Massachusetts.

A copy of the complete study can be found in Appendix C, Study 17.

18. Mid-Sized Customer Needs Assessment - Interim Results

Type of Study: Market Characterization
Evaluation Conducted by: DNV KEMA
Date Evaluation Completed: 6/28/2013

Evaluation Objective and High Level Findings: This study provides results to date for the Massachusetts Mid-Sized Customer Needs Assessment for 2011 C&I customers. The study aims to investigate the extent to which current program offerings effectively serve the needs of mid-sized customers. In addition, if it is found that mid-sized customers or pockets of customers are underserved, the study will explore whether variations to existing program offerings or additional programs would be needed to optimally serve these customers. DNV KEMA completed research activities that addressed the following three objectives:

- Determine how Massachusetts PAs currently address mid-sized customers;
- Identify and describe the population of mid-sized customers across PAs (on-going);
- Estimate program participation rates for the largest, smallest, and mid-sized customers.

Programs to which the Results of the Study Apply:

- C&I New Construction and Major Renovation (Electric & Gas)
- C&I Large Retrofit (Electric & Gas)
- C&I Small Retrofit (Electric & Gas)

Evaluation Recommendations and Program Administrator Response: The following preliminary recommendations were made by the evaluators conducting this study. The initial response from the Program Administrator to these recommendations is summarized below.

Recommendation 1: *Improve processes for linking multiple accounts to customers* – The PA's ability to accurately and consistently classify customers depends upon their ability to track multiple account customers within and across PAs. The PAs employ a range of tools to help them link customers; however, these tools did not provide sufficient support to enable the research team to link account representatives to the accounts they manage by account number. Moreover, we found large discrepancies between the segments that the PAs felt they were managing and those we were able to match with account representatives.

Recommendation 2: *Standardize classification and marketing approaches to multi-account customers* – The research found that multiple account customers were treated differently across PAs, and also within a PA, across customers. The lack of standardized approaches for treating multiple account customers limits our ability to isolate segments of customers based on size and complicates the PA's ability to effectively market to those customers.

Recommendation 3: *Link electric and gas customers* – Because much of the identification and marketing to Direct Install customers is handled through the electric PAs, the gas-only

PAs lose some autonomy regarding how their customers are marketed. Consequently, some large gas customers are not identified until after they receive Direct Install prescriptive solutions from installation contractors. Improved coordination of tracking systems across PAs would reduce the risk of this occurring. DNV KEMA found that the PA's ability to link accounts across firms is constrained by legal privacy issues that must be addressed before this will be possible.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: All recommendations are being considered for adoption at this time. The PAs have not formally adopted or rejected any recommendations that require changes to program design and operations.

This memorandum provides preliminary results of this mid-sized customer needs assessment. The findings were limited to those relating to the in-depth interviews with PA staff and implementation contractors, and limited analysis of the C&I Customer Profile Project database. Continued research efforts include a detailed data mining exercise to investigate the relationship between in-depth interview responses and the customer billing and program tracking records as well as implementation of a survey of participants and non-participants to test various hypotheses developed based on the PA interviews and data analysis conducted to date. Results of these analyses will be reported in the final report which is expected to be completed in the second half of 2013.

Savings Impact: Not applicable. This is a market characterization study.

Formulas Used in Impact Analysis: Not applicable. This is a market characterization study.

Application of Results: Prospectively

How the Study Came to the Recommended Conclusions: Interviews with each PA and 5 implementation contractors provided a set of criteria used to segment customers by size. In addition to reviewing the interview findings, DNV KEMA used the available customer billing and tracking data to examine differences in participation rates across the three size groups.

A copy of the complete study can be found in Appendix C, Study 18.

19. Impact Evaluation of 2011 Prescriptive Gas Measures

Type of Study: Technology Evaluation
Evaluation Conducted by: DNV KEMA
Date Evaluation Completed: 6/28/2013

Evaluation Objective and High Level Findings: This report presents the results of the impact evaluation of the Program Year 2011 (PY2011) Massachusetts Prescriptive Gas Measures Program. The evaluation consists of on-site monitoring and verification of the savings for a sample of participants for four of the top five measures installed, in terms of savings.

The overall relative performance for the four measures was about 102% and the relative precision was about ±15.6%. The condensing furnace and condensing boiler measures both had relative performance greater than 100%, at about 160% and 107 % respectively. Since they represent about 85% of total program savings their performance offset the lower relative performance observed for the other two measures. Indirect water heater and infrared heating measures had lower relative performance of 79% and 20% respectively.

Programs to which the Results of the Study Apply:

- C&I New Construction and Major Renovation (Gas)
- C&I Large Retrofit (Gas)
- C&I Small Retrofit (Gas)

Evaluation Recommendations and Program Administrator Response: The following recommendations were made by the evaluators conducting this study. The initial response from the Program Administrator to these recommendations is summarized below.

Recommendation 1: Condensing Boiler Savings Recommendations:

Size	Efficiency Requirement	Report 2010 Savings (MMBtu)	Report 2011 Savings (MMBtu)	Report 2012 Savings (MMBtu)
<= 300 MBH	>= 90% AFUE	22.1	29.8	**30.6**
301-499 MBH	>=90% Thermal Efficiency	42.3	56.9	**58.4**
500-999 MBH	>=90% Thermal Efficiency	77.1	104.6	**107.3**
1000-1700 MBH	>=90% Thermal Efficiency	142.6	192.1	**197.2**
1701+ MBH	>=90% Thermal Efficiency	249.0	336.2	**345.1**

Recommendation 2: Recommended Condensing Furnace Savings

Furnace Efficiency	Report 2010 Savings (MMBtu)	Report 2011 Savings (MMBtu)	Report 2012 Savings (MMBtu)
Furnace AFUE =>92%	21.1	5.9	**7.5**
Furnace AFUE =>92% w/ECM	19.6	5.5	**6.9**
Furnace AFUE =>94% w/ECM	23.6	6.2	**8.5**
Furnace AFUE =>95% w/ECM	NA	NA	**9.0**
Furnace AFUE =>96% w/ECM	NA	NA	**9.5**
Furnace AFUE =>97% w/ECM	NA	NA	**9.9**

Recommendation 3: Recommended Infrared Heater Savings

Measure Type	Report 2010 Savings (MMBtu)	Report 2011 Savings (MMBtu)	Report 2012 Savings (MMBtu)
Infrared Heater	74.4	22.3	**12.0**

Recommendation 4: Recommended Indirect Water Heater Savings

Measure Type	Report 2010 Savings (MMBtu)	Report 2011 Savings (MMBtu)	Report 2012 Savings (MMBtu)
Indirect Water Heater	30.4	20.7	**19.0**

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: PAs plan to incorporate recommendations

Savings Impact: The overall relative performance for the four measures was about 102% and the relative precision was about ±15.6%. The condensing furnace and condensing boiler measures both had relative performance greater than 100%, at about 160% and 107 % respectively. Since they represent about 85% of total program savings their performance offset the lower relative performance observed for the other two measures. Indirect water heater and infrared heating measures had lower relative performance of 79% and 20% respectively.

Formulas Used in Impact Analysis:

$$\Delta MMBtu = \Delta MMBtu$$

Application of Results: Retrospectively

How the Study Came to the Recommended Conclusions: The evaluation consists of on-site monitoring and verification of the savings for a sample of participants for four of the top five measures installed, in terms of savings. The sample sites were monitored for about eight weeks in an attempt to capture seasonally sensitive variations in energy consumption between the winter and swing seasons. The first monitoring equipment was installed in the first week of December 2012 and recovery was completed during the second week of March 2013. The on-site sample design was designed to achieve a relative precision of ± 20% at the 80% confidence interval using a two-tail test for the overall program savings.

A copy of the complete study can be found in Appendix C, Study 19.

20. Standard Boiler Research Plan and Interview Results Memo

Type of Study: Technology Evaluation
Evaluation Conducted by: DNV KEMA
Date Evaluation Completed: 5/28/2013

Evaluation Objective and High Level Findings: This document summarizes the plan, execution, and the decision to re-scope the Boiler Baseline Assessment for the Massachusetts Energy Efficiency Programs' Large Commercial & Industrial Evaluation. This study was commissioned to identify the base line boiler features and operation for both prescriptive and custom boiler measures. The research was intended to encompass two elements: first boiler distributors were to be interviewed to determine the characteristic features of new code-compliant boilers and also to provide leads for standard code-compliant boilers. Secondly, a sample of standard code compliant boilers would be metered to determine characteristic performance, with a particular interest in cycling boilers (vs. modulating firing rate). The

second stage of research was expected to be M&V of non-program boilers. However, the team was unsuccessful at locating any customer both with a relatively recently installed standard efficiency boiler and willing to participate in the study through distributors, contractors, and other efficiency partners contacted.

Programs to which the Results of the Study Apply:

- C&I New Construction and Major Renovation (Gas)
- C&I Large Retrofit (Gas)
- C&I Small Retrofit (Gas)

Evaluation Recommendations and Program Administrator Response: The following recommendations were made by the evaluators conducting this study. The initial response from the Program Administrator to these recommendations is summarized below.

> **Recommendation 1:** It is important to note that the initial scoping does not provide conclusive evidence on the absence of standard efficiency boilers in the Massachusetts market, and further research on existing installed stock and recent sales data is warranted.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: PAs plan to incorporate recommendations. The Evaluation Working Group agreed to re-direct some of the funds not spent on metering to a boiler market investigation which would encompass a more rigorous interview sample, seek manufacturer sales data, and utilize other techniques to provide a more reliable view of the market. The results of this investigation will be presented and/or filed at a later date.

Savings Impact: Not applicable. This is a market characterization study.

Formulas Used in Impact Analysis: Not applicable. This is a market characterization study.

Application of Results: Prospectively

How the Study Came to the Recommended Conclusions: The evaluators were unable to find base case boilers to monitor, therefore the focus turned to characterize the Massachusetts boiler market.

A copy of the complete study can be found in Appendix C, Study 20.

21. Impact Evaluation of 2011 Custom Gas Installations

Type of Study: Impact Evaluation
Evaluation Conducted by: DNV KEMA
Date Evaluation Completed: 6/17/2013

Evaluation Objective and High Level Findings: This study aims to quantify the actual energy savings due to the installation of Custom Gas measures installed through the Massachusetts Energy Efficiency Program Administrators' (PAs) Commercial and Industrial (C&I) Lost Opportunity and Large Retrofit programs in 2011.

The realization rates will be used for planning and program reporting, including program year 2012 annual reporting and any 2013-2015 program planning and subsequent year reporting, unless replaced by results from a subsequent study.

The scope of work for this impact evaluation included NSTAR's 2011 Custom Gas measures. NSTAR's 2011 results were combined with those from the other gas PAs, which were based on the 2010 program year.

Key findings include the following:

- Statewide realization rate on annual gas therms savings was 82.1% with a relative precision of +-9.4% at 80% confidence.
- NSTAR realization rate on annual gas therms savings was 84.4% with a relative precision of +/-6.9% at 80% confidence.

Programs to which the Results of the Study Apply:

- C&I New Construction and Major Renovation (Gas)
- C&I Large Retrofit (Gas)

Evaluation Recommendations and Program Administrator Response: The following recommendations were made by the evaluators conducting this study. The initial response from the Program Administrator to these recommendations is summarized below.

Recommendation 1: Project documentation should include savings estimates in the native file form and support the claimed baseline.

Recommendation 2: Controls measures, particularly EMS based strategies, must be verified for proper operation, setpoints, and applicability. Savings estimates for these types of measures should include all necessary assumptions and operating characteristics well outlined. Post verification metering should be considered where savings justify the added expense or be included as a requirement of the project.

Recommendation 3: Estimated savings for measures such as combustion controls, which are based on a savings a fixed percentage of total gas used should include not only the percentage

savings, but the baseline and projected as-built efficiencies and the billed gas usage. The baseline, if currently installed, should be demonstrated using combustion gas efficiency tests or other measure of the baseline. The resulting parameters can be easily checked against acceptable ranges to validate the measure.

Recommendation 4: The evaluators recommend that PA implementers consider using the results of the savings fraction analysis performed as part of the desk review process as a sanity check of individual application savings estimates and as indicator where a deeper review of an application may be required.

Recommendation 5: Consider some summer metering for measures which involve summer gas use such as industrial processes or re-heat operations.

Recommendation 6: In considering evaluation activities for the PY2012 program, the Evaluation Group may want to consider an additional round of on-site M&V impact evaluations for all the PAs except NSTAR. It is reasonable to conclude that the realization rates may not have stabilized statewide due to the rapid and continued expansion of the programs and the intent of the PAs to improve savings estimate processes.

Recommendation 7: However, before proceeding with the on-site M&Vs, the evaluators recommend repeating the desk-review task to further test the validity of the desk review method for triggering more expensive impact evaluations.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: All recommendations are being considered for adoption at this time. The PAs have not formally adopted or rejected any recommendations that require changes to program design and operations.

Savings Impact: This impact evaluation produced an 84% realization rate for NSTAR, which is an improvement on the previous impact evaluation result of 47%, found one year earlier. As a result, the statewide realization rate also improved to 82%.

Formulas Used in Impact Analysis: Evaluated savings were determined through custom engineering analysis similar to how tracking savings were developed.

Application of Results: Retrospectively

How the Study Came to the Recommended Conclusions: Data collection included pre and post installation billing data, power metering, temperature metering, and in some cases, trend data collected from customer energy management systems. The sample was designed to achieve 80/10% precision at the statewide level, and 80/20% at the larger PA level (Columbia gas, National Grid, NSTAR). This sample design included 50 sites statewide. Following a desk review process, which helped determine that NSTAR would be the only PA to proceed with full M&V activities, the NSTAR sample was increased from the proposed 13 sites to 16 sites to ensure that the goal of 80/20% precision was met.

A copy of the complete study can be found in Appendix C, Study 21.

F. Special & Cross Sector Studies

22. Massachusetts Cross-Cutting Behavioral Program Evaluation Integrated Report

Type of Study: Impact and Process Evaluation
Evaluation Conducted by: Opinion Dynamics with Navigant Consulting and Evergreen Economics
Date Evaluation Completed: 6/20/2013

Evaluation Objective and High Level Findings: This report includes impact findings of behavior/feedback programs and pilots administered by National Grid, NSTAR, Western Massachusetts Electric Company (WMECo) and Cape Light Compact (CLC) during the 2012 program year. It also includes process findings for CLC's Smart Home Energy Monitoring Pilot (SHEMP) from 2009 - 2012.

The evaluation includes the following findings:

- The 2012 impacts for the National Grid and NSTAR behavior/feedback programs range from 41 kWh to 258 kWh per household for the electric cohorts and from 0.28 MMBtus to 1.90 MMBtus for the gas cohorts.

- OPower electric programs have demonstrated an average adjusted net savings gain of 27% from program year (PY) 1 to PY2, and 16% from PY2 to PY3. Gas programs have demonstrated an average adjusted net savings gain of 20% from PY1 to PY2, and 23% from PY2 to PY3.

- Since 2009, the National Grid and NSTAR behavior/feedback programs using OPower have channeled 24,122 additional participants into other residential programs and resulted in a savings of 5,298 MWh and 28,581 MMBtus. The additional savings are a result of the OPower program driving increased participation in other residential programs.

- For National Grid and NSTAR behavior/feedback programs, the report provided savings estimate ratios to adjust implementer estimate of savings based on comparison of treatment and control group usage for each month of participation. The savings estimates range between 90% - 111%.

- The WMECo program achieved a total overall savings of 2,263 MWh in 2012 attributable to "passive" participants that receive energy saving reports (mailers), and "activated" participants that interact with an online web platform.

- The WMECo program has had a substantial positive impact on participation in other energy efficiency programs. For instance, online activation of the web portal has increased participation in the Mass Save program by 431 customers in 2012.

- CLC's SHEMP Pilot using the Tendril in-home displays had significant savings differences between the older Legacy cohort and the more recent Energize cohort.

Legacy customers' savings range from 7.8%-8.8% average savings per household. Comparatively, Energize savings estimates are significantly lower, ranging from 1.49%-1.99% average savings per household.

- CLC's SHEMP Pilot had differences between Legacy and Energize cohorts' cross-program participation levels. Legacy customers demonstrated a sharp increase in cross-program participation during the Legacy participation period. Energize customers' monthly cross-program participation dropped during the treatment period.

Programs to which the Results of the Study Apply:

- Behavior/Feedback (Electric & Gas)

Evaluation Recommendations and Program Administrator Response: There were no recommendations as part of this report.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: Not applicable

Savings Impact: For the National Grid and NSTAR behavior/feedback programs, the net savings increase or decrease slightly compared to the 2012 TRM for various cohorts. Please see Table 2 on page 10 in the report for additional information.

Similarly for WMECo, net savings increase or decrease compared to planned values, with passive participants exhibiting increased savings while activated participants exhibiting decreased savings. Please see Table 14 in the report for additional information

CLC's SHEMP pilot results do not impact savings.

Formulas Used in Impact Analysis:

Impact analysis for Behavior/Feedback programs using OPower HER, and for passive participants in the WMECo program:

$$ADC_{it} = \alpha_i + \beta_1 Post_t + \beta_2 Treatment_i \cdot Post_t + \varepsilon_{it} \qquad \text{(Equation 1)}$$

where:
ADC_{it} = Average daily consumption (kWh) for household i at time t
α_i = Household-specific intercept
β_1 = Coefficient for the change in consumption between pre- and post-periods
β_2 = Coefficient for the change in consumption for the treatment group in the post-period compared to the pre-period, and to the comparison group. This is the basis for the net savings estimate.

Please refer to section 3.1.2 of the report for additional information.

Developing Savings Estimate Ratio for Behavior/Feedback programs using OPower HER:

$$\textbf{Savings Estimate Ratio}_{u,f} = \frac{(Estimated\ Modeled\ Savings) = \sum_{i=0}^{3} n * kWh\ Savings_{u,ci,f}}{(OPOWER\ Reported\ Savings) = \sum_{i=0}^{3} n * kWh\ Savings_{u,ci,f}}$$

(Equation 3)

where:
n is the average number of participants in a given cohort
u is a given utility
c is a given cohort
i is a given time period
f is a given fuel type

Please refer to section 3.1.2 of the report for additional information.

Impact Analysis for WMECo's Activated Participants:

The matching method was employed to calculate savings for WMECo's activated participants. The matching method follows the approach summarized in Imbens and Woorldige (2009) and applied in Abadie and Imbens (2011). In this model, the effect of the activation in month *t* is the difference between the energy use of participant *k* and its estimated counterfactual (baseline) consumption.

Impact Analysis for CLC's SHEMP Pilot -- Model 1:

$$kWh_{kt} = \alpha_{0t} + \alpha_1 Treatment_{kt} + \alpha_2 PREkWh_{kt} + \sum_{j=1}^{J} \beta^j EE_{kt}^j + \varepsilon_{kt}$$

where:
kWh_{kt} is the average daily electricity use by household k during month t;

all Greek characters denote coefficients to be estimated, and in particular α_{0t} is a monthly fixed effect.
$Treatment_{kt}$ is an indicator variable taking a value of 1 if customer k is a SHEMP participant, and 0 otherwise;
$PREkWh_{kt}$ is the average daily electricity use by household k during the most recent month before household k enrolled in SHEMP that is also the same calendar month as month t. For instance, if household k enrolled in August 2011, the value of $PREkWh_{kt}$ for June 2012 is June 2011.
EE_{kt}^j is an indicator variable for energy efficiency program j, taking a value of 1if customer k is in the program in period t and 0 otherwise. In the analysis we consider four EE programs (that is, J=4), denoted by the following variables in regression results reported in Appendix C (of the Evaluation Report):
LISF= Low Income Single Family program;

MFR= Multi-Family Retrofit program;
RHE= Residential Home Energy program;
RP= Residential Products program.

ε_{kt} is the error term

In this model α_1 indicates average daily savings generated by the program for participants over the course of the initiative.

Please refer to section 3.3.4 of the report for additional information.

Impact Analysis for CLC's SHEMP Pilot -- Model 2:

$$Savings_{kt} = kWh_{kt} - \widehat{kWh}_{kt}^{C}$$

$$\widehat{kWh}_{kt}^{C} = kWh_{kt}^{M} + \hat{\beta}\left(\mathbf{X}_{kt} - \mathbf{X}_{kt}^{M}\right)$$

where**:**
kWh_{kt} = the average daily electricity use by household *k* during month t;
$\widehat{kWh}_{kt}^{C}$ = the estimated counterfactual energy use by household *k* during month *t*;
kWh_{kt}^{M} = the energy use by household *k*'s match during month *t*;
$\mathbf{X}_{kt}$ = the values for household *k* in month *t* of the independent variables **X** affecting energy use;
$\mathbf{X}_{kt}^{M}$ = the values of **X** in month *t* for household *k's* match.
$\hat{\beta}$ = the factors used to adjust household *k*'s energy use to reflect differences between household *k* and its match in the value of **X.**

Please refer to section 3.3.4 of the report for additional information.

Application of Results:

- The National Grid and NSTAR Behavior/Feedback results will be applied in the 2012 Annual Report.
- The National Grid and NSTAR Behavior/Feedback savings estimate ratio will be applied in 2013 and going forward.
- The WMECo Behavior/Feedback results will be applied in the 2012 Annual Report.
- CLC SHEMP is a pilot program that will not directly affect savings for any program during this annual report year.

How the Study Came to the Conclusions: For the National Grid and NSTAR Behavior/Feedback programs and WMECo passive participants, the evaluation developed its savings estimate based on a billing analysis of the entire program population and its randomly assigned control groups using a linear fixed effects regression. A channeling analysis was then

performed to determine what portion of HER savings, as measured through the billing analysis, were captured in other programs. For more information, please see section 3.1 of the study.

For the WMECo Western Mass Saves (WMS) activated participants, the matching method was employed to calculate savings. More details can be found in Section 3.2.2 of the study.

For CLC's SHEMP pilot process evaluation, the evaluation findings are based on a literature review, survey research from pre and post treatments surveys and an additional survey to a comparison group. For CLC's impact analysis, the evaluation uses a billing analysis of the opt-in treatment group to a matched comparison group. For more information, please see section 3.3 of the study.

A copy of the complete study can be found in Appendix C, Study 22.

23. 2012 Massachusetts Statewide Marketing Campaign Evaluation Report

Type of Study: Market Assessment
Evaluation Conducted by: Opinion Dynamics Corporation
Date Evaluation Completed: 1/11/2013

Evaluation Objective and High Level Findings: This report presents results from the post 2012 statewide umbrella marketing survey effort conducted by Opinion Dynamics. The primary goal of this research is to enable the PAs to track changes in Mass Save awareness over time as well as to measure the effectiveness of the campaign. As such, this report presents the results from residential and C&I quantitative surveys conducted immediately following the 2012 campaign, which ran from April 2 to August 19, 2012. A comparison of results from the pre- and post-campaign surveys indicates that there have been some changes in Mass Save awareness or familiarity as a result of 2012 campaign activities. However, there are differing results within the residential and commercial populations.

Overall, the team found divergent results within the residential and C&I populations, with C&I customers showing greater changes in awareness and other metrics over time. For example, there has been a significant increase in Mass Save awareness among C&I customers compared to awareness prior to the 2012 campaign launch. The August 2012 survey shows that awareness among C&I customers has risen from 33% pre-campaign to 40% post-campaign. However, awareness of and familiarity with Mass Save has not changed significantly among residential PA customers since the pre-campaign survey. In addition, there has been little change in residential familiarity compared to the 2010 baseline study conducted by the campaign implementer.

Programs to which the Results of the Study Apply:

- Residential New Construction and Major Renovation (Electric & Gas)
- Residential Cooling and Heating Equipment (Electric & Gas)
- Residential Multi-Family Retrofit (Electric & Gas)
- Residential Mass Save (Home Energy Services) (Electric & Gas)
- Residential ENERGY STAR® Lighting (Electric)
- Residential ENERGY STAR® Appliances (Electric)
- C&I New Construction and Major Renovation (Electric & Gas)
- C&I Large Retrofit (Electric & Gas)
- C&I Small Retrofit (Electric & Gas)
- Behavior/Feedback Program (Electric & Gas)

Evaluation Recommendations and Program Administrator Response: There were no recommendations from this report as it was designed to track changes in awareness from the campaign and to measure the campaigns effectiveness.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: Not applicable.

Savings Impact: No savings impact.

Formulas Used in Impact Analysis: Not applicable.

Application of Results: Prospectively.

How the Study Came to the Recommended Conclusions: A telephone survey was conducted with a random sample of 402 residential customers between August 20 and September 9, 2012, immediately following the conclusion of the 2012 marketing campaign. The sample of customers was based on files that the PAs provided to the evaluators, which merged PA Customer Information System (CIS) data with program tracking databases to develop a master file of all PA residential customers. The evaluators used the merged customer database to create a sample frame containing all unique residential accounts with valid contact information. From this frame, a random sample was created and survey quotas set for each PA combination, in proportion to their representation in the overall population to ensure that the sample was representative of the overall customer base.

Weights were developed and applied to the residential telephone survey data to match the composition of customers within the Massachusetts population based on home ownership.

The evaluators also conducted a telephone survey among PA business customers to assess changes in awareness, familiarity, and associations with Mass Save. The team surveyed a simple random sample of 295 C&I customers in August and September 2012. The fielding of the survey was timed to take place immediately following the 2012 marketing campaign. The team based the sample of C&I customers on customer files provided by the PAs. Given the lack of readily available population-level data on Massachusetts businesses, the evaluators conducted an unweighted analysis of the commercial survey data.

A copy of the complete study can be found in Appendix C, Study 23.

24. 2013 Massachusetts Statewide Marketing Campaign Pre-Campaign Results

Type of Study: Market Assessment
Evaluation Conducted by: Opinion Dynamics Corporation
Date Evaluation Completed: 6/5/2013

Evaluation Objective and High Level Findings: This report presents results from the pre-2013 statewide umbrella marketing survey effort conducted by Opinion Dynamics. The goal of the research is to document current levels of awareness of Mass Save against which to measure changes over time.

The pre-campaign survey indicates that unaided awareness of Mass Save among residential customers remains moderate (36%) and has not changed since the post 2012 campaign survey. Further, consistent with prior surveys, the percentage of residential customers who consider themselves somewhat or very familiar with Mass Save, remains relatively low (19%). Just under half of residential (46%) customers aware of Mass Save identify utilities or energy efficiency service providers as sponsors.

Among C&I customers, unaided awareness of Mass Save is moderate with 47% reporting that they have seen or heard the term before. This represents an increase since the last statewide marketing survey when awareness was 40%. Additionally, just over half of commercial customers (55%) aware of Mass Save identify utilities or energy efficiency service providers as sponsors.

Programs to which the Results of the Study Apply:

- Residential New Construction and Major Renovation (Electric & Gas)
- Residential Cooling and Heating Equipment (Electric & Gas)
- Residential Multi-Family Retrofit (Electric & Gas)
- Residential Mass Save (Home Energy Services) (Electric & Gas)
- Residential ENERGY STAR® Lighting (Electric)

- Residential ENERGY STAR® Appliances (Electric)
- C&I New Construction and Major Renovation (Electric & Gas)
- C&I Large Retrofit (Electric & Gas)
- C&I Small Retrofit (Electric & Gas)
- Behavior/Feedback Program (Electric & Gas)

Evaluation Recommendations and Program Administrator Response: There were no recommendations from this report as it was designed to establish baseline campaign awareness.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: Not applicable.

Savings Impact: No savings impact.

Formulas Used in Impact Analysis: Not applicable.

Application of Results: Prospectively

How the Study Came to the Recommended Conclusions: Evaluators conducted a telephone survey with a random sample of 504 residential PA customers. The team drew the sample from multiple data files provided by the PAs. The team integrated customer data to create a sample frame containing all unique residential accounts with valid contact information. From this frame, the team drew a random sample and set survey quotas for each PA combination in proportion to their representation in the overall population to ensure that the sample was representative of the overall customer base.

Similar to the 2012 surveys, the team developed and applied weights to the residential telephone survey data to match the composition of customers within the Massachusetts population based on homeownership.

The team also surveyed a random sample of 456 PA C&I customers in March of 2013. The team drew the sample of C&I customers from customer data provided by the PAs.

Given the lack of readily available population-level data on Massachusetts businesses, the evaluators did not weight the results of the commercial survey. However, the team also considered whether weighting the survey results to those from the first survey with this group was necessary. The team determined that it was appropriate to leave the data unweighted due to the fact that the team spoke with similar firms across each of the survey waves, and the fact that there is no consistent or significant relationship between any of the firmographics and Mass Save awareness across the waves.

A copy of the complete study can be found in Appendix C, Study 24.

25. Massachusetts Residential Non-Energy Impacts (NEIs): Deemed NEI Values Addressing Differences in NEIs for Heating, Cooling, and Water Heating Equipment that is Early Replacement Compared to Replace on Failure

Type of Study: Impact Evaluation
Evaluation Conducted by: NMR Group
Date Evaluation Completed: July 15, 2013

Evaluation Objective and High Level Findings: Non-Energy Impacts (NEIs) associated with heating, cooling, and water heating equipment may differ according to whether the program-sponsored equipment is an early replacement measure, a measure that is replacing failed equipment, or equipment that was scheduled to be replaced.

This memorandum provides adjusted deemed NEI values that address the differences in NEIs for residential heating, cooling, and water heating equipment that is early replacement compared to replace on failure. These deemed NEIs update the NEIs provided in the residential NEI report submitted to the PAs on August 15, 2011[7].

Programs to which the Results of the Study Apply:

- Residential Cooling & Heating Equipment (Electric)
- Residential Heating and Water Heating (Gas)

Evaluation Recommendations and Program Administrator Response: The study did not offer any recommendations.

Explain Whether or Not the PA Decided to Adopt Recommendations from the Study: The study did not offer any recommendations.

[7] NMR Group, Inc. (2011). Massachusetts Special and Cross-Sector Studies Area, Residential and Low-Income Non-Energy Impacts (NEI) Evaluation. Prepared for the Electric and Gas Program Administrators of Massachusetts. (http://www.ma-eeac.org/Docs/8.1_EMV%20Page/2011/2011%20Residential%20Studies/Mass%20Crosscutting%20NEIs%20Final%20Report%20081511.pdf)

Savings Impact:

Measure Category	Measure	NEI	Duration	Full NEI Value ($/Year)	EE Portion of NEI	ROF NEI Value ($/Year)	Percent ROF	Overall NEI Value ($/Year)
Cooling System	Central Air Conditioner/ Heat Pump	Noise Reduction	Annual	$2.83	67%	$1.90	35.4%	$2.50
		Home Durability	Annual	$1.54	33%	$0.51		$1.17
		Property Value Increase	One Time	$62.65	50%	$31.33		$51.56
Heating and Cooling System	Ductless Mini-Split	Noise Reduction	Annual	$1.42	67%	$0.95	1.3%	$1.41
		Home Durability	Annual	$1.98	33%	$0.65		$1.96
		Property Value Increase	One Time	$80.69	50%	$40.35		$80.19
Heating System	Boilers between 90 and 96% AFUE	Home Durability	Annual	$17.42	33%	$5.75	86.5%	$7.33
		Property Value Increase	One Time	$678.52	50%	$339.26		$385.23
	Boilers greater than or equal to 96% AFUE	Home Durability	Annual	$17.42	33%	$5.75	86.8%	$7.30
		Property Value Increase	One Time	$678.52	50%	$339.26		$384.21
	Furnaces greater than or equal to 95% AFUE	Home Durability	Annual	$17.42	33%	$5.75	88.4%	$7.10
		Property Value Increase	One Time	$678.52	50%	$339.26		$378.61
Heating and Hot Water	Integrated Boiler /	Home Durability	Annual	$0.72	33%	$0.24	67.9%	$0.39

Measure Category	Measure	NEI	Duration	Full NEI Value ($/Year)	EE Portion of NEI	ROF NEI Value ($/Year)	Percent ROF	Overall NEI Value ($/Year)
System	Water Heater	Property Value Increase	One Time	$29.17	50%	$14.59		$19.27
Hot Water System	Storage Water Heater	Home Durability	Annual	$2.13	33%	$0.70	58.4%	$1.30
		Property Value Increase	One Time	$82.56	50%	$41.28		$58.47
	Tankless Water Heater	Home Durability	Annual	$2.13	33%	$0.70	63.4%	$1.23
		Property Value Increase	One Time	$82.56	50%	$41.28		$56.39

Measure Category	Measure	NEI	Duration	Full NEI Value ($/Year)	EE Portion of NEI	ROF NEI Value ($/Year)	Final Adjust-ment	Adjusted NEI Value ($/Year)
Cooling System	Central Air Conditioner / Heat Pump	Thermal Comfort	Annual	$3.92	100%	$3.92	÷ 2	$1.96
		Health Benefits		$0.13		$0.13		$0.07
Heating and Cooling System	Ductless Mini-Split	Thermal Comfort	Annual	$5.05	100%	$5.05	÷ 2	$2.53
		Health Benefits		$0.16		$0.16		$0.08
Heating System	Boilers between 90 and 96% AFUE	Thermal Comfort	Annual	$48.63	100%	$48.63	÷ 2	$24.32
		Health Benefits		$1.56		$1.56		$0.78
	Boilers greater than	Thermal	Annual	$48.63	100%	$48.63	÷ 2	$24.32

Measure Category	Measure	NEI	Duration	Full NEI Value ($/Year)	EE Portion of NEI	ROF NEI Value ($/Year)	Final Adjust-ment	Adjusted NEI Value ($/Year)
	or equal to 96% AFUE	Comfort						
		Health Benefits		$1.56		$1.56		$0.78
	Furnaces greater than or equal to 95% AFUE	Thermal Comfort	Annual	$48.63	100%	$48.63	÷ 2	$24.32
		Health Benefits		$1.56		$1.56		$0.78
Heating and Hot Water System	Integrated Boiler / Water Heater	Thermal Comfort	Annual	$1.83	100%	$1.83	÷ 2	$0.92
		Health Benefits		$0.06		$0.06		$0.03

Formulas Used in Impact Analysis:

$$Overall\ NEI\ Value = [(EE\ Portion\ of\ NEI * Full\ NEI\ Value) * ROF\%] + [Full\ NEI\ Value * (1 - ROF\%)]$$

Application of Results: Retroactively

How the Study Came to the Recommended Conclusions: First, NMR developed a method based on industry knowledge and published literature in order to attribute a portion of the NEIs associated with heating, cooling, and water heating systems to the measure's "newness" and a portion to the measure for being energy efficient.

Second, using the attribution factors, NMR estimated the value of the portion of NEIs for heating, cooling, and water heating measures associated with the energy efficiency of the measure for systems that are replaced on failure. Then, using data from the current Residential Heating and Water Heating and Cool Smart programs evaluation,[8] the percentage of program participants that replaced failed systems was determined and the adjusted NEI values was attributed to these participants.

A copy of the complete study can be found in Appendix C, Study 25.

[8] Cadmus. 2013. 2012 Residential Heating, Water Heating, and Cooling Equipment Evaluation: Net-to-Gross, Market Effects, and Equipment Replacement Timing (Draft Final Report). June 2013. Prepared for The Electric and Gas Program Administrators of Massachusetts.

G. Future Studies

Table III.B summarizes the studies expected to be included in next year's Annual Report. There are a number of other studies which have been identified and are in the process of being scoped, however it is not known at this time whether they will be completed in time for the next Annual Report.

Table III.B: Evaluation Studies in Next Annual Report		
Studies	Docket & Exhibit Approving Planned Evaluation Studies	Expected to be Implemented as Approved? (yes/no)
Residential Studies		
Residential New Construction Net Savings	Study was approved in January 2013 with the 2013-2015 Three Year Plan. D.P.U. 12-100 through D.P.U. 12-111	Yes
Multifamily Process Evaluation	Study is planned but not yet submitted for approval.	Yes
Home Energy Services Home Performance Contractor and Lead Vendor Analysis	Study is planned but not yet submitted for approval.	Yes
Regional Hours of Use Lighting Logger Study	Study was approved in January 2013 with the 2013-2015 Three Year Plan. D.P.U. 12-100 through D.P.U. 12-111	Yes
LED Market Effects Baseline Study (Residential and C&I)	Study is planned but not yet submitted for approval.	Yes
Understand Current Stagnation of Lighting Saturation	Study is planned but not yet submitted for approval.	Yes
Lighting Market Assessment	Study is planned but not yet submitted for approval.	Yes
Incremental Cost Assessment for Lighting and Products	Study is planned but not yet submitted for approval.	Yes
Top 10 Products Impact Assessment	Study is planned but not yet submitted for approval.	Yes
Low-Income Studies		
Low Income Hours of Use	Study was approved in January 2013 with the 2013-2015 Three Year Plan. D.P.U. 12-100 through D.P.U. 12-111	Yes
Low Income Multi-family Impact Scoping Study	Study is planned but not yet submitted for approval.	Yes

Commercial & Industrial Studies		
Mid-Sized Customer Needs Assessment - Final Report	Study was approved in January 2013 with the 2013-2015 Three Year Plan. D.P.U. 12-100 through D.P.U. 12-111	Yes
CHP Impact Evaluation	Study was approved in January 2013 with the 2013-2015 Three Year Plan. D.P.U. 12-100 through D.P.U. 12-111	Yes
Existing Buildings Market Characterization	Study was approved in January 2013 with the 2013-2015 Three Year Plan. D.P.U. 12-100 through D.P.U. 12-111	Yes
Whole System Approach Study	Study was approved in January 2013 with the 2013-2015 Three Year Plan. D.P.U. 12-100 through D.P.U. 12-111	Yes
Codes & Standards Research using Existing New Construction Data	Study was approved in January 2013 with the 2013-2015 Three Year Plan. D.P.U. 12-100 through D.P.U. 12-111	Yes
Lighting Controls Scoping Study	Study was approved in January 2013 with the 2013-2015 Three Year Plan. D.P.U. 12-100 through D.P.U. 12-111	Yes
LED Market Effects Baseline Study (Residential and C&I)	Study is planned but not yet submitted for approval.	Yes
Market Assessment of Roof Top Units	Study is planned but not yet submitted for approval.	Yes
Learning from Successful Projects	Study is planned but not yet submitted for approval.	Yes
Documentation of Program Administrator Differences	Study is planned but not yet submitted for approval.	Yes
C&I Customer Profile - 2012 Data	Study is planned but not yet submitted for approval.	Yes
Characterization of Supply Side Population	Study is planned but not yet submitted for approval.	Yes
Commercial Real Estate Market Characterization	Study is planned but not yet submitted for approval.	Yes
Process Evaluation of Direct Install Delivery Method	Study is planned but not yet submitted for approval.	Yes
Impact Evaluation of Custom HVAC Installations	Study is planned but not yet submitted for approval.	Yes
Impact Evaluation of Prescriptive Non-Lighting Installations	Study is planned but not yet submitted for approval.	Yes

Special & Cross-Cutting Studies		
2013 Massachusetts Statewide Marketing Campaign Post-Campaign Results	Study was approved in January 2013 with the 2013-2015 Three Year Plan. D.P.U. 12-100 through D.P.U. 12-111	Yes
Efficient Neighborhoods+	Study is planned but not yet submitted for approval.	Yes
Serrafix CMI (Northampton/Pittsfield)	Study was approved in January 2013 with the 2013-2015 Three Year Plan. D.P.U. 12-100 through D.P.U. 12-111	Yes
Brand Assessment Analysis of Gas Networks and CoolSmart	Study is planned but not yet submitted for approval.	Yes
New Construction Non Energy Impact Study	Study is planned but not yet submitted for approval.	Yes
Analysis of Non Energy Impacts for C&I Marketing	Study is planned but not yet submitted for approval.	Yes
Top Down Net to Gross Scoping Study	Study is planned but not yet submitted for approval.	Yes
Codes and Standards Scoping Study	Study is planned but not yet submitted for approval.	Yes

IV. STATUTORY BUDGET REQUIREMENTS

A. Introduction

The Green Communities Act requires that energy efficiency programs minimize administrative costs, utilize competitive procurement processes, and spend a certain amount on low-income programs. G.L. c. 25 §§ 19(a) - (c).

For each sector, Tables IV.A through IV.C summarize and compare planned and actual program planning and administration ("PP&A") costs, outsourced activities, and budget allocation, respectively.

B. Minimization of Administrative Costs

General Laws c. 25, § 19(a) requires the Department, when authorizing energy efficiency programs, to ensure that such programs minimize administrative costs to the fullest extent practicable. Administrative costs, also commonly referred to as Program Planning & Administration ("PP&A") costs, have traditionally been defined as all in-house and outsourced costs associated with planning activities and program administration. These include costs associated with developing program plans, and day-to-day program administration, including labor, overhead costs, and any regulatory costs associated with energy efficiency activities.

The most significant factor in the PA approach to minimizing administrative costs is the statewide collaborative process, which is used by the Program Administrators to coordinate planning, the adoption of consistent programs and processes, program design, EM&V studies, statewide marketing, regulatory proceedings, and the development and sharing of all best practices. Sharing of these costs, which would otherwise be borne by each Program Administrator individually, results in economies of scale that reduce the cost for each Program Administrator. For example, joint releases of Requests for Proposals ("RFPs") lead to minimization of administrative costs in that the cost for preparation and release of the RFP are shared by the PAs. The Program Administrators also minimize administrative costs by coordinating energy efficiency program delivery, where appropriate, with other customer service activities such as customer acquisition, key account management and trade ally relationships.

Notwithstanding any appropriate coordination with other customer service departments, it is necessary and appropriate for all Program Administrators to maintain a skilled and dedicated administrative staff in order to ensure successful delivery of programs, compliance with the Green Communities Act, timely responses to the directives of the Council, Department, and DOER; and documentation and achievement of substantial savings. The Program Administrators seek to balance the need to minimize administrative costs to the extent prudent with the need to maximize program quality and oversight. Councilors have emphasized the need to devote sufficient administrative resources to successfully implement the aggressive programs called for in the three-year plans.

While the economies of scale and other steps taken by the PAs to minimize costs are effective, and administrative costs incurred by the PAs are transparent and are presented in each Program

Administrator's narrative and supporting tables, exact quantification of the minimization of administrative costs is not possible in a meaningful way. This is because the continuous scaling up and evolution of the plans make it impossible to establish a solid baseline for a comparison. When the variables are constantly (and necessarily) shifting, there is no opportunity to make a meaningful quantitative comparison or to estimate a counterfactual. Further, a direct quantitative comparison would not be useful because it would only provide a comparison of two points in time; the mandate of the Green Communities Act, however, is to seek administrative efficiencies, which is a continuous process that evolves along with energy efficiency planning and programming, whereas costs and administrative efficiency opportunities are always changing. The Program Administrators seek to minimize costs at all available opportunities, and not just from one point in time to another.

Please refer to Table IV.A.

New England Gas Company
IV. Budget

Table IV.A: Program Planning and Administration Costs

Customer Sector / Program	Planned		Actual		Change from Planned to Actual	
	Value ($)	% of Total Program Costs	Value ($)	% of Total Program Costs	Value ($)	% of Total Program Costs
Residential						
Residential New Construction & Major Renovations	19,978	12%	47,799	57%	27,821	44%
Residential Heating and Water Heating	65,944	13%	54,007	9%	(11,938)	-4%
MassSAVE	44,000	34%	10,210	14%	(33,790)	-20%
Weatherization Program	41,344	14%	93,059	29%	51,715	15%
Multifamily Retrofit	20,576	19%	47,799	71%	27,223	52%
Behavior/Feedback Program	-	0%	-	0%	-	0%
Deep Energy Retrofit	-	0%	-	0%	-	0%
Residential Building Practices and Demonstration Program	-	0%	-	0%	-	0%
Energy Analysis: Internet Audit Program	-	0%	-	0%	-	0%
Community based pilots	-	0%	-	0%	-	0%
Workforce Development	1,678	100%	793	100%	(885)	0%
Statewide Marketing & Education	-	0%	-	0%	-	0%
EEAC Consultants	2,766	100%	3,644	100%	878	0%
DOER Assessment	6,223	100%	9,127	100%	2,904	0%
Sponsorships & Subscriptions	-	0%	236	100%	236	100%
Residential Total	**202,510**	**16%**	**266,675**	23%	**64,165**	**7%**
Low-Income						
Low-Income Retrofit	79,908	17%	196,549	43%	116,641	26%
Statewide Marketing & Education	-	0%	-	0%	-	0%
Low Income Energy Affordability Network Funding	-	0%	-	0%	-	0%
Low Income DOER Assessment	3,113	100%	7,449	100%	4,336	0%
Low-Income Total	**83,021**	**17%**	**203,997**	43%	**120,976**	**27%**
Commercial & Industrial						
C&I New Construction & Major Renovation	159,865	40%	63,715	37%	(96,150)	-3%
C&I Retrofit	49,195	49%	57,893	35%	8,699	-14%
C&I Direct Install	34,393	72%	57,870	91%	23,477	19%
Workforce Development	1,894	100%	793	100%	(1,101)	0%
Business Energy Analyzer	-	0%	-	0%	-	0%
Deep Energy Retrofit	-	0%	-	0%	-	0%
Statewide Marketing & Education	-	0%	-	0%	-	0%
EEAC Consultants	2,766	100%	3,644	100%	878	0%
DOER Assessment	6,223	100%	9,127	100%	2,904	0%
Sponsorships & Subscriptions	-	0%	236	100%	236	100%
C&I Total	**254,336**	44%	**193,043**	**45%**	**(61,292)**	**1%**
GRAND TOTAL	**539,866**	**$0**	**663,715**	**32%**	**123,849**	**9%**

NOTES:

Planned Values were filed as part of the MA Mid-term Modification, Docket D.P.U. 11-115, Exhibit H

The Company experienced higher administrative costs in 2012 in the Low Income Program. This was due to changes to the method used to allocate labor costs and associated benefits. Benefit costs were higher than planned.

Competitive Procurement

Table IV.B: Outsourced & Competitively Procured Services									
Customer Sector	In-House Activities		Outsourced Activities						TOTAL Activities
			Competitively Procured		Non-Competitively Procured		Total Outsourced Activities		
	$	% of Total Activities	$	% of Total Outsourced	$	% of Total Outsourced	$	% of Total Activities	$
Residential									
Planned	150,498	30%	255,846	72%	97,642	28%	353,488	70%	503,986
Actual	252,874	56%	143,472	72%	55,794	28%	199,266	44%	452,139
% Difference from Planned to Actual	68%	-661%	-44%	101%	-43%	98%	-44%	-26%	-10%
Low-Income									
Planned	79,908	41%	13,159	11%	101,732	89%	114,891	59%	194,799
Actual	196,549	82%	4,878	12%	37,530	100%	42,408	18%	238,957
% Difference from Planned to Actual	146%	41%	-63%	0%	-63%	11%	-63%	-41%	23%
Commercial & Industrial									
Planned	243,453	66%	86,326	68%	41,015	32%	127,341	34%	370,794
Actual	179,478	62%	74,370	67%	37,116	96%	111,486	38%	290,964
% Difference from Planned to Actual	-26%	-4%	-14%	-1%	-10%	64%	-12%	4%	-22%
TOTAL									
Planned	473,859	44%	355,331	60%	240,389	40%	595,720	56%	1,069,579
Actual	628,901	64%	222,720	63%	130,439	37%	353,159	36%	982,060
% Difference from Planned to Actual	33%	20%	-37%	3%	-46%	-3%	-41%	-20%	-8%

The majority of the Company's 2012 outsourced services is done on the statewide level. Since most outsourced activities went through RFP processes, the Company shows significant differences in the percentage of Total Outsourced between planned and actual; also significantly lower percentage in Non-Competitively Procured outsourced services between planned and actual services.

C. Low-Income Spending

Table IV.C: Customer Sector Budget Allocation						
Customer Sector	Planned		Actual		Change from Planned to Actual	
	Total Sector Program Costs	% of Total Program Costs	Total Sector Program Costs	% of Total Program Costs	Value	% Change
Residential	$ 1,239,625	54%	$ 1,150,388	56%	$ (89,237)	3%
Low-Income	$ 498,284	22%	$ 469,267	23%	$ (29,018)	1%
Commercial & Industrial	$ 574,799	25%	$ 428,086	21%	$ (146,713)	-4%
TOTAL	**$ 2,312,709**	**100%**	**$ 2,047,741**	**100%**	**$ (264,968)**	**0%**

As shown in Table IV.C, the Company met the minimum statutory requirement by spending 23 percent of energy efficiency funds in the low-income customer sector.

V. PERFORMANCE INCENTIVES

The performance incentive mechanism includes three components: the Savings Mechanism, the Value Mechanism, and other Performance Metrics. The Savings Mechanism provides an incentive for achieving dollar benefits from energy efficiency program efforts at or above threshold levels. The Value Mechanism provides an incentive for achieving net benefits equal to or in excess of the threshold level of performance. Performance metrics establish a focus on specified program outcomes or plan development, with each metric stating the specific requirements for reaching each level of the metric. Table V summarizes the performance incentives earned by the Company by component for its successful delivery of energy efficiency programs in 2012.

New England Gas Company

V. Performance Incentives

Table VII: Performance Incentives Summary

Incentive Components	Threshold	Design	Exemplary	Actual Incentive
Savings Mechanism	$ 32,426	$ 43,234	$ 54,043	$ 33,128
Value Mechanism	$ 16,853	$ 22,471	$ 28,089	$ -
Performance Metrics	$ 8,426	$ 11,235	$ 14,044	$ 9,861
Total Incentive (before-tax)	$ 57,705	$ 76,940	$ 96,175	$ 42,989
Total Incentive (after-tax)	$ 35,070	$ 46,760	$ 58,450	$ 26,127

NOTES:

Tax Rate used for calculations is 60.775%

The planned values referenced in the Performance Incentives Summary Table above were originally filed in the performance incentives model set forth at Exhibit D, Attachment 2 to the Company's 2012 Mid-Term Modification filed with the Department on October 28, 2011 in New England Gas Company, D.P.U. 11-115 ("2012 MTM"). The Company earned $42,989 in actual before-tax incentives, which is 56% percent of design level. The tax rate used to calculate the after-tax total incentive is 0.39225.

All supporting documentation for each performance incentive component, including detailed information on the Company's clear and distinct role in achieving the performance metrics, can be found in Appendix D. The Company applied the 25 percent EM&V impact bandwidth to the savings and/or value mechanisms, as shown on Appendix D, Attachment D-1.

For the Savings and Value components of the performance incentive, the Company calculated its earned performance incentive in accordance with the incentive mechanism included in the 2012 MTM, using the post-evaluation benefits and taking into account the 25 percent EM&V impact bandwidth. The Company achieved 77% percent of its planned benefits and 52% percent of its planned net benefits at the portfolio level. While the planned benefits surpass the 75% percent threshold required in order to earn both the performance incentive, the net benefits did not allow the Company to claim an incentive. Using evaluated results (subject to the +/- 25 percent impact bandwidth), the Company calculated the lifetime benefits and net benefits that each program achieved. The benefits were multiplied by the savings payout rate of $0.0079 and the net benefits were multiplied by the value payout rate of $0.0093 per the 2012 MTM. Although

performance under both the Savings and Value Mechanisms is assessed at the portfolio level, this calculation was done at the sector level, as shown in Appendix D, to facilitate the allocation of earned performance incentives in the cost-effectiveness calculations. The incentive dollars earned from performance metrics were allocated to sectors consistent with the allocation presented in the 2012 MTM. A model illustrating the calculation of the performance incentives in accordance with this methodology is included in Appendix D, Attachment D-1.

A summary of the Company's performance for each Performance Metric is set forth below. Achievement of performance metrics relate to the metrics filed in Exhibit D, Attachment 1 to the 2012 MTM. Additional supporting documentation related to performance metrics is included in Appendix D, Attachment D-2.

a. RESIDENTIAL

METRIC NUMBER AND NAME	ACHIEVEMENT LEVEL	NOTES
1. MassSAVE/Weatherization: Deeper Savings {Electric & Gas} – Statewide	Exemplary (100% of design)	2011 Baseline Conversion Rate = 55% 2012 Conversion Rate = 63%
2. MassSAVE/Weatherization: Lost Opportunity/ Market Opportunity {Electric & Gas} – Statewide	Design (100% of design)	See Appendix D, Attachment D-2(a)

b. LOW-INCOME

METRIC NUMBER AND NAME	ACHIEVEMENT LEVEL	NOTES
1. Best Practices Program Strategies Research & Technical Review of Potential New Measures {Electric & Gas} – Statewide	Exemplary (125% of design)	See Appendix D, Attachment D-2(b)
2. Multi-family Building Inventory Electric & Gas} – Statewide	Exemplary (125% of design)	See Appendix D, Attachment D-2(b)

c. COMMERCIAL & INDUSTRIAL

METRIC NUMBER AND NAME	ACHIEVEMENT LEVEL	NOTES
C&I #1 Retrofit -- Depth of savings	Design (2 projects)	2011 Baseline = 0 Standard rounding applies. Must increase by 1 for each level of achievement in 2012
C&I #2 New Construction -- Comprehensiveness and depth of savings	Below Threshold	See Appendix D, Attachment D-2(c)
C&I #3 Direct Install Electric and Gas Integration	Below Threshold	See Appendix D, Attachment D-2(c)
C&I #4 Combined Heat & Power	Below Threshold	

d. ALL SECTOR

METRIC NUMBER AND NAME	ACHIEVEMENT LEVEL	NOTES
1. "Other financing capital" metric	Exemplary	Loans Issued 2011- $0 Loans Issued 2012-$63,750 See Appendix D, Attachment D-2(d)
2. Cost Efficiency of Program Expenditures	Design (88% of target)	88% of target See Appendix D, Attachment D-2(c)

Please see Appendix D, Attachments D-2(a), D-2(b), D-2(c), and D-2(d).

VI. AUDITS

The Company has not had an audit conducted during the program year, or within the last five years, that relates to its energy efficiency activities.

VII. APPENDICES

APPENDIX A: Glossary of Defined Terms

1. Types of Costs in each Budget Category

Please see the following descriptions of budget cost categories. The categories described below were generally consistent among all Program Administrators in 2012, with the exception of the categorization of employee salaries and related expenses. This difference is due to different historical practices and differing staff sizes and staff assignments, as well as internal tracking mechanisms. The Company has accounted for all employee labor and related expenses in Program Planning and Administration ("PPA"). Going forward, pursuant to the Order approving the each Program Administrator's 2013-2015 Three-Year Plan in D.P.U. 12-100 through D.P.U. 12-111 ("2013-2015 Plan"), the Department has directed all PAs to report all non-administrative employee costs in the cost category that applies to the employee's job description. Program Administrators that do not report in this manner will be making adjustments in order to comply with this directive.

The Company and the other electric and gas Program Administrators have worked together to develop consistent cost categories to the extent that they are efficient and appropriate for each Program Administrator, and the Program Administrators will continue to strive for consistency in this area. In particular, with respect to vendor costs, in the 2013-2015 Plan Order, the Department has directed the PAs to develop uniform practices to the extent possible (noting tracking system differences), and, where limitations exist, to adopt reasonable alternative allocation methods based on cost-causation principles (actual factors underlying the incurrence of costs). The Program Administrators will report on their progress towards meeting the requirements related to cost-categorization set forth in the 2013-2015 Plan Order by July 31, 2014.

Costs that cannot be assigned directly to a program are allocated among relevant programs on an appropriate basis and tracked accordingly.

Program Planning and Administration are costs associated with developing program plans, including market transformation plans, research and development ("R&D") (excluding R&D assigned to Evaluation and Market Research), and day-to-day program administration, including labor, benefits, expenses, materials, supplies, and overhead costs, and any regulatory costs associated with energy efficiency activities. Also, PPA includes costs for energy efficiency services contracted to non-affiliated companies such as outside consultants used to prepare plans, screen programs, improve databases, and perform legal services.

Marketing and Advertising are costs to advertise, through television, radio, billboards, brochures, telemarketing, web-sites, and mailings, the existence and availability of energy efficiency programs or technologies, and to induce customers or trade allies to participate in energy efficiency programs.

Participant Incentives are funds paid by the reporting Program Administrator to customers or trade allies, often in the form of rebates, for installation of energy efficiency measures and/or products.

Sales, Technical Assistance & Training are those costs to motivate and/or train (1) customers to install energy efficiency products and services, (2) retailers to stock energy efficiency products, (3) trade professionals to offer energy efficiency services, (4) manufacturers to make energy efficiency products; and (5) vendor services and supplies that demonstrate benefits of energy efficiency.

Evaluation and Market Research are costs associated with evaluation activities, including costs related to cost-effectiveness evaluation, market research (e.g., baseline studies, market assessments, and surveys), impact and process evaluation reports, tracking and reporting program inputs and outputs, funding studies, and other costs associated with evaluating the program.

2. Glossary of Defined Terms and Acronyms

Act	An Act Relative to Green Communities, Chapter 169 of the Acts of 2008. Signed into law on July 2, 2008.
AESC	Avoided Energy Supply Component
ARRA	American Recovery and Reinvestment Act
BCR	Benefit/Cost Ratio
BPWG	Best Practices Working Group
C&I	Commercial and Industrial
C&IMC	Commercial and Industrial Management Committee
CAP	Community Action Program
CFL	Compact Fluorescent Lamp
CHP	Combined Heat and Power
CMI	Community Mobilization Initiative
Consultants	Consultants employed by the Energy Efficiency Advisory Council
COOL Smart	The Residential Cooling and Heating Equipment program is commonly known as the COOL Smart program.
Council	Energy Efficiency Advisory Council
Department	Massachusetts Department of Public Utilities
DER	Deep Energy Retrofit
DOE	Department of Energy
DOER	Massachusetts Department of Energy Resources
DPU	Massachusetts Department of Public Utilities
ECM	Electronically Commutated Motor
EEAC	Energy Efficiency Advisory Council
EMC	Evaluation Management Committee
EM&V	Evaluation, Monitoring, and Verification
ENERGY STAR®	Brand name for the voluntary energy efficiency labeling initiative sponsored by the U.S. Environmental Protection Agency and Department of Energy.
EPA	U.S. Environmental Protection Agency
FR	Free Rider or Free-ridership

Free Riders	Customers who participate in an energy efficiency program but would have installed the same measure(s) on their own if the program had not been available.
Free-Ridership Rate	The percent of savings attributable to Free Riders.
Gas and Electric Orders	Orders of the Department dated January 28, 2010 in D.P.U. 09-116 through 09-127 approving the Program Administrators' Three-Year Plans
GHGs	Greenhouse Gas Emissions
Green Communities Act	An Act Relative to Green Communities, Chapter 169 of the Acts of 2008. Signed into law on July 2, 2008.
HEA	Home Energy Assessment
HEHE	High Efficiency Heating and Water Heating
HERS	Home Energy Rating System
HES	Home Energy Services, also known as Mass Save or Residential Conservation Services
HPCs	Home Performance Contractors
HPWH	Heat Pump Water Heater
HVAC	Heating, Ventilation, and Air Conditioning
IIC	Independent Installation Contractor
Impact Factor	Generic term for persistence, realization rates, in-service rates, non-coincident connected demand factors, etc., developed during the evaluation of energy efficiency programs and used to calculate net savings.
JMC	Joint Management Committee of PAs that manage the Residential New Construction program.
LEAN	The Low-Income Energy Affordability Network
LED	Light Emitting Diode
LBR	Lost Base Revenue (For companies not operating under decoupled rate structure, these costs account for revenues not collected by the Company's distribution business as a result of the energy efficiency undertaken during the program year)
LCIEC	Large Commercial & Industrial Evaluation Contractor
Lifetime	The expected length of time, in years, that an installed measure will be in service and producing savings.
Measure	Specific technology or practice that produces energy and/or demand savings for which the PA provides financial incentives.

MMI	Multi-Family Market Integrator
MTAC	Massachusetts Technical Assessment Committee
MTM	Mid-Term Modification
NCP	Negotiated Cooperative Promotions
NEI	Non-Energy Impact
Net to Gross Ratio ("NTGR")	A factor representing net program savings divided by gross program savings that is applied to gross program impacts to convert them into net program load impacts.
Network	Low-Income Weatherization and Fuel Assistance Program Network
NPS	Non Participant Spillover
NTG	Net-to-Gross
PAs or Program Administrators	Utilities and municipal aggregators that offer energy efficiency programs.
Participant Cost	The total or incremental cost of a project or measure less the customer incentive.
Performance Incentive ("PI")	Compensation for the Company's successful execution of the energy efficiency programs during the program year as determined by Massachusetts Department of Public Utilities.
Plan	Three-Year Energy Efficiency Plan approved by the Department by its Orders, dated January 28, 2010, in dockets D.P.U. 09-121 to D.P.U. 09-128 and D.P.U. 09-116 to D.P.U. 09-120.
PP&A	Program Planning and Administration
QC	Quality Control
QIV	Quality Installation Verification
RCS	Residential Conservation Services, also known as Home Energy Services and Residential Mass Save
RFP	Request For Proposal
RGGI	Regional Greenhouse Gas Initiative
RMC	Residential Management Committee
SO	Participant Spillover

Spillover	Additional energy efficient equipment installed by customers that was influenced by the Company's sponsored program, but without direct financial or technical assistance from the program. Spillover is separated into Participant and Non- participant factors. Non-participating customers may be influenced by product availability, publicity, education and other factors that are affected by the program.
Spillover Rate	Estimate of energy savings attributable to spillover effects expressed as a percent of savings installed by participants through an energy efficiency program.
T&D	Transmission and Distribution
Term	Three-year term of the energy efficiency plan
Three-Year Plans	Three-Year Energy Efficiency Plans approved by the Department by its Orders, dated January 28, 2010, in dockets D.P.U. 09-121 to D.P.U. 09-128 and D.P.U. 09-116 to D.P.U. 09-120.
TRC	Total Resource Cost
TRM	Technical Reference Manual
WAP	Weatherization Assistance Program

APPENDIX B: Cost-Effectiveness Supporting Tables and Documentation

1. D.P.U. 08-50-C Supporting Tables

Please see the tables attached hereto as Appendix B, Attachment B-1.

Notes for Cost-Effectiveness Support Tables:

1 Tables are for the program year on which the Annual Report focuses, and not for the three-years of the three-year plan.

2 Tables provide: (1) planned information (with cites to the Department docket and exhibit within the docket that provide and approve the planned values); (2) evaluated information based on the Annual Report; and (3) the percent variance between the planned and evaluated information.

3 Tables have not been re-numbered from the Plan template approved by the Department in D.P.U. 08-50-B.

New England Gas Company
IV.C. Gas PA Budgets
1. Summary Table

Program Administrator Budget, Planned (1)

Customer Sector / Program	Program Costs						Performance Incentive (2,3)	TOTAL PA Budget (4)
	Program Planning and Administration	Marketing and Advertising	Participant Incentive	Sales, Technical Assistance & Training	Evaluation and Market Research	Total Program Costs		
Residential (total)	**$202,510**	**$54,207**	**$735,637**	**$203,771**	**$43,500**	**$1,239,625**	**$37,363**	**$1,276,988**
Residential New Construction & Major Renovations	$19,978	$6,344	$72,150	$52,271	$12,200	$162,943	$2,192	$165,135
Residential Heating and Water Heating	$65,944	$6,344	$388,725	$22,494	$13,450	$496,958	$16,459	$513,417
MassSAVE	$44,000	$6,625	$0	$75,000	$5,025	$130,650	$0	$130,650
Weatherization Program	$41,344	$4,741	$207,393	$40,247	$9,584	$303,310	$9,663	$312,973
Multifamily Retrofit	$20,576	$1,603	$67,369	$13,759	$3,241	$106,549	$9,049	$115,598
Behavior/Feedback Program	$0	$0	$0	$0	$0	$0	$0	$0
Deep Energy Retrofit	$0	$0	$0	$0	$0	$0	$0	$0
Residential Building Practices and Demonstration Program	$0	$0	$0	$0	$0	$0	$0	$0
Energy Analysis: Internet Audit Program	$0	$0	$0	$0	$0	$0	$0	$0
Community Based Pilots	$0	$0	$0	$0	$0	$0	$0	$0
Workforce Development	$1,678	$0	$0	$0	$0	$1,678	$0	$1,678
Statewide Marketing & Education	$0	$28,549	$0	$0	$0	$28,549	$0	$28,549
EEAC Consultants	$2,766	$0	$0	$0	$0	$2,766	$0	$2,766
DOER Assessment	$6,223	$0	$0	$0	$0	$6,223	$0	$6,223
Sponsorships & Subscriptions	$0	$0	$0	$0	$0	$0	$0	$0
Low Income (total)	**$83,021**	**$21,932**	**$303,486**	**$72,133**	**$17,712**	**$498,284**	**$17,521**	**$515,805**
Low-Income Retrofit	$79,908	$8,774	$303,486	$66,064	$17,712	$475,944	$17,521	$493,465
Statewide Marketing & Education	$0	$13,159	$0	$0	$0	$13,159	$0	$13,159
Low Income Energy Affordability Network Funding	$0	$0	$0	$6,069	$0	$6,069	$0	$6,069
Low Income DOER Assessment	$3,113	$0	$0	$0	$0	$3,113	$0	$3,113
Commercial & Industrial (total)	**$254,336**	**$30,522**	**$204,008**	**$61,281**	**$24,653**	**$574,799**	**$22,056**	**$596,855**
C&I New Construction & Major Renovation	$159,865	$4,289	$172,465	$51,749	$9,545	$397,912	$8,395	$406,307
C&I Retrofit	$49,195	$4,289	$28,975	$9,532	$7,775	$99,765	$12,075	$111,840
C&I Direct Install	$34,393	$3,632	$2,568	$0	$7,333	$47,925	$1,586	$49,511
Workforce Development	$1,894	$0	$0	$0	$0	$1,894	$0	$1,894
Business Energy Analyzer	$0	$0	$0	$0	$0	$0	$0	$0
Deep Energy Retrofit	$0	$0	$0	$0	$0	$0	$0	$0
Statewide Marketing & Education	$0	$18,314	$0	$0	$0	$18,314	$0	$18,314
EEAC Consultants	$2,766	$0	$0	$0	$0	$2,766	$0	$2,766
DOER Assessment	$6,223	$0	$0	$0	$0	$6,223	$0	$6,223
Sponsorships & Subscriptions	$0	$0	$0	$0	$0	$0	$0	$0
GRAND TOTAL	**$539,866**	**$106,661**	**$1,243,131**	**$337,185**	**$85,865**	**$2,312,709**	**$76,940**	**$2,389,649**

Program Administrator Budget, Actual (1), (5)								
Customer Sector / Program	**Program Planning and Administration**	**Marketing and Advertising**	**Participant Incentive**	**Sales, Technical Assistance & Training**	**Evaluation and Market Research**	**Total Program Costs**	**Performance Incentive (2,3)**	**TOTAL PA Budget (4)**
Residential (total)	**$266,675**	**$17,329**	**$698,012**	**$129,271**	**$39,101**	**$1,150,388**	**$24,055**	**$1,174,443**
Residential New Construction & Major Renovations	$47,799	$999	$6,350	$25,560	$3,674	$84,381	$0	$84,381
Residential Heating and Water Heating	$54,007	$3,246	$494,758	$27,401	$5,916	$585,328	$12,628	$597,956
MassSAVE	$10,210	$6,719	$0	$58,150	$0	$75,079		$75,079
Weatherization Program	$93,059	$999	$196,019	$14,927	$15,360	$320,364	$11,427	$331,791
Multifamily Retrofit	$47,799	$999	$886	$3,233	$14,151	$67,067	$0	$67,067
Behavior/Feedback Program	$0	$0	$0	$0	$0	$0		$0
Deep Energy Retrofit	$0	$0	$0	$0	$0	$0		$0
Residential Building Practices and Demonstration Program	$0	$0	$0	$0	$0	$0		$0
Energy Analysis: Internet Audit Program	$0	$0	$0	$0	$0	$0		$0
Community Based Pilots	$0	$0	$0	$0	$0	$0		$0
Workforce Development	$793	$0	$0	$0	$0	$793		$793
Statewide Marketing & Education	$0	$4,367	$0	$0	$0	$4,367		$4,367
EEAC Consultants	$3,644	$0	$0	$0	$0	$3,644		$3,644
DOER Assessment	$9,127	$0	$0	$0	$0	$9,127		$9,127
Sponsorships & Subscriptions	$236	$0	$0	$0	$0	$236		$236
Low Income (total)	**$203,997**	**$5,230**	**$230,310**	**$17,531**	**$12,199**	**$469,267**	**$8,095**	**$477,361**
Low-Income Retrofit	$196,549	$2,688	$230,310	$13,113	$12,199	$454,859	$8,095	$462,954
Statewide Marketing & Education	$0	$2,542	$0	$0	$0	$2,542		$2,542
Low Income Energy Affordability Network Funding	$0	$0	$0	$4,418	$0	$4,418		$4,418
Low Income DOER Assessment	$7,449	$0	$0	$0	$0	$7,449		$7,449
Commercial & Industrial (total)	**$193,280**	**$19,303**	**$136,886**	**$34,263**	**$44,355**	**$428,086**	**$10,840**	**$438,926**
C&I New Construction & Major Renovation	$63,715	$2,841	$62,800	$21,677	$20,819	$171,853	$794	$172,647
C&I Retrofit	$57,893	$1,847	$72,221	$12,586	$20,819	$165,365	$9,210	$174,575
C&I Direct Install	$57,870	$1,220	$1,865	$0	$2,717	$63,672	$837	$64,509
Workforce Development	$793	$0	$0	$0	$0	$793		$793
Business Energy Analyzer	$0	$0	$0	$0	$0	$0		$0
Deep Energy Retrofit	$0	$0	$0	$0	$0	$0		$0
Statewide Marketing & Education	$0	$13,395	$0	$0	$0	$13,395		$13,395
EEAC Consultants	$3,644	$0	$0	$0	$0	$3,644		$3,644
DOER Assessment	$9,127	$0	$0	$0	$0	$9,127		$9,127
Sponsorships & Subscriptions	$236	$0	$0	$0	$0	$236		$236
GRAND TOTAL	**$663,952**	**$41,862**	**$1,065,208**	**$181,065**	**$95,655**	**$2,047,741**	**$42,990**	**$2,090,731**

Program Administrator Budget, Percent Variance (1)								
Customer Sector / Program	Program Costs						Performance Incentive (2,3)	TOTAL PA Budget (4)
	Program Planning and Administration	Marketing and Advertising	Participant Incentive	Sales, Technical Assistance & Training	Evaluation and Market Research	Total Program Costs		
Residential (total)	**32%**	**-68%**	**-5%**	**-37%**	**-10%**	**-7%**	**-36%**	**-8%**
Residential New Construction & Major Renovations	139%	-84%	-91%	-51%	-70%	-48%	-100%	-49%
Residential Heating and Water Heating	-18%	-49%	27%	22%	-56%	18%	-23%	16%
MassSAVE	-77%	1%	0%	-22%	-100%	-43%	0%	-43%
Weatherization Program	125%	-79%	-5%	-63%	60%	6%	18%	6%
Multifamily Retrofit	132%	-38%	-99%	-77%	337%	-37%	-100%	-42%
Behavior/Feedback Program	0%	0%	0%	0%	0%	0%	0%	0%
Deep Energy Retrofit	0%	0%	0%	0%	0%	0%	0%	0%
Residential Building Practices and Demonstration Program	0%	0%	0%	0%	0%	0%	0%	0%
Energy Analysis: Internet Audit Program	0%	0%	0%	0%	0%	0%	0%	0%
Community Based Pilots	0%	0%	0%	0%	0%	0%	0%	0%
Workforce Development	-53%	0%	0%	0%	0%	-53%	0%	-53%
Statewide Marketing & Education	0%	-85%	0%	0%	0%	-85%	0%	-85%
EEAC Consultants	32%	0%	0%	0%	0%	32%	0%	32%
DOER Assessment	47%	0%	0%	0%	0%	47%	0%	47%
Sponsorships & Subscriptions	0%	0%	0%	0%	0%	0%	0%	0%
Low Income (total)	**146%**	**-76%**	**-24%**	**-76%**	**-31%**	**-6%**	**-54%**	**-7%**
Low-Income Retrofit	146%	-69%	-24%	-80%	-31%	-4%	-54%	-6%
Statewide Marketing & Education	0%	-81%	0%	0%	0%	-81%	0%	-81%
Low Income Energy Affordability Network Funding	0%	0%	0%	-27%	0%	-27%	0%	-27%
Low Income DOER Assessment	139%	0%	0%	0%	0%	139%	0%	139%
Commercial & Industrial (total)	**-24%**	**-37%**	**-33%**	**-44%**	**80%**	**-26%**	**-51%**	**-26%**
C&I New Construction & Major Renovation	-60%	-34%	-64%	-58%	118%	-57%	-91%	-58%
C&I Retrofit	18%	-57%	149%	32%	168%	66%	-24%	56%
C&I Direct Install	68%	-66%	-27%	0%	-63%	33%	-47%	30%
Workforce Development	-58%	0%	0%	0%	0%	-58%	0%	-58%
Business Energy Analyzer	0%	0%	0%	0%	0%	0%	0%	0%
Deep Energy Retrofit	0%	0%	0%	0%	0%	0%	0%	0%
Statewide Marketing & Education	0%	-27%	0%	0%	0%	-27%	0%	-27%
EEAC Consultants	32%	0%	0%	0%	0%	32%	0%	32%
DOER Assessment	47%	0%	0%	0%	0%	47%	0%	47%
Sponsorships & Subscriptions	0%	0%	0%	0%	0%	0%	0%	0%
GRAND TOTAL	**23%**	**-61%**	**-14%**	**-46%**	**11%**	**-11%**	**-44%**	**-13%**

Notes:

(1) All parties would refer to common definitions (in Appendix) for allocation of costs.

(2) Values listed in this table represent pre-tax performance incentive amounts. See Section IV.H. Shareholder Performance Incentives for supporting calculations.

(3) The source of the planned performance incentive values is the Performance Incentive Model filed with the DPU as Attachment B to the Memorandum of Agreement dated 4/15/11

(4) The Total PA Budget is the sum of Total Program Costs and Performance Incentives.

(5) Any negative amounts shown in the "Program Administrator Budget, Actual" table represent prior period adjustments

New England Gas Company
IV.D. Cost Effectiveness
1. Summary Table

Total Resource Cost Test, Planned				
Customer Sector	**B/C Ratio**	**Net Benefits**	**Benefits**	**Costs (1)**
Residential	**1.64**	**$1,089,103**	**$2,796,343**	**$1,707,240**
Residential New Construction & Major Renovations	0.98	-$6,080	$285,805	$291,885
Residential Heating and Water Heating	1.89	$623,534	$1,324,583	$701,049
MassSAVE	0.00	-$130,650	$0	$130,650
Weatherization Program	2.01	$384,352	$763,627	$379,275
Multifamily Retrofit	2.56	$257,163	$422,328	$165,165
Behavior/Feedback Program	#DIV/0!	$0	$0	$0
Deep Energy Retrofit	n/a	n/a	$0	$0
Residential Building Practices and Demonstration Program	n/a	n/a	$0	$0
Energy Analysis: Internet Audit Program	n/a	n/a	$0	$0
Community based pilots	n/a	n/a	$0	$0
Workforce Development	n/a	n/a	$0	$1,678
Statewide Marketing & Education	n/a	n/a	$0	$28,549
EEAC Consultants	n/a	n/a	$0	$2,766
DOER Assessment	n/a	n/a	$0	$6,223
Sponsorships & Subscriptions	n/a	n/a	$0	$0
Low Income	**2.17**	**$603,686**	**$1,119,492**	**$515,806**
Low-Income Retrofit	2.27	$626,027	$1,119,492	$493,465
Statewide Marketing & Education	n/a	n/a	$0	$13,159
Low Income Energy Affordability Network Funding	n/a	n/a	$0	$6,069
DOER Assessment	n/a	n/a	$0	$3,113
Commercial & Industrial	**1.74**	**$648,523**	**$1,530,169**	**$881,646**
C&I New Construction & Major Renovation	1.29	$170,617	$752,859	$582,242
C&I Retrofit	3.32	$488,215	$698,203	$209,988
C&I Direct Install	1.31	$18,888	$79,107	$60,219
Workforce Development	n/a	n/a	$0	$1,894
Business Energy Analyzer	n/a	n/a	$0	$0
Deep Energy Retrofit	n/a	n/a	$0	$0
Statewide Marketing & Education	n/a	n/a	$0	$18,314
EEAC Consultants	n/a	n/a	$0	$2,766
DOER Assessment	n/a	n/a	$0	$6,223
Sponsorships & Subscriptions	n/a	n/a	$0	$0
GRAND TOTAL	**1.75**	**$2,341,312**	**$5,446,004**	**$3,104,692**

Total Resource Cost Test, Evaluated				
Customer Sector	**B/C Ratio**	**Net Benefits**	**Benefits**	**Costs (1)**
Residential	**1.28**	**$532,063**	**$2,462,245**	**$1,930,182**
Residential New Construction & Major Renovations	0.70	-$40,748	$93,383	$134,131
Residential Heating and Water Heating	1.39	$453,276	$1,609,564	$1,156,288
MassSAVE	0.00	-$75,079	$0	$75,079
Weatherization Program	1.58	$276,102	$755,549	$479,448
Multifamily Retrofit	0.06	-$63,319	$3,748	$67,067
Behavior/Feedback Program	#DIV/0!	$0	$0	$0
Deep Energy Retrofit	n/a	n/a	$0	$0
Residential Building Practices and Demonstration Program	n/a	n/a	$0	$0
Energy Analysis: Internet Audit Program	n/a	n/a	$0	$0
Community based pilots	n/a	n/a	$0	$0
Workforce Development	n/a	n/a	$0	$793
Statewide Marketing & Education	n/a	n/a	$0	$4,367
EEAC Consultants	n/a	n/a	$0	$3,644
DOER Assessment	n/a	n/a	$0	$9,127
Sponsorships & Subscriptions	n/a	n/a	$0	$236
Low Income	**1.14**	**$69,037**	**$546,399**	**$477,362**
Low-Income Retrofit	1.18	$83,445	$546,399	$462,954
Statewide Marketing & Education	n/a	n/a	$0	$2,542
Low Income Energy Affordability Network Funding	n/a	n/a	$0	$4,418
DOER Assessment	n/a	n/a	$0	$7,449
Commercial & Industrial	**2.13**	**$617,904**	**$1,164,446**	**$546,542**
C&I New Construction & Major Renovation	1.22	$51,070	$281,604	$230,534
C&I Retrofit	3.42	$540,232	$763,831	$223,599
C&I Direct Install	1.82	$53,798	$119,010	$65,213
Workforce Development	n/a	n/a	$0	$793
Business Energy Analyzer	n/a	n/a	$0	$0
Deep Energy Retrofit	n/a	n/a	$0	$0
Statewide Marketing & Education	n/a	n/a	$0	$13,395
EEAC Consultants	n/a	n/a	$0	$3,644
DOER Assessment	n/a	n/a	$0	$9,127
Sponsorships & Subscriptions	n/a	n/a	$0	$236
GRAND TOTAL	**1.41**	**$1,219,003**	**$4,173,089**	**$2,954,086**

Total Resource Cost Test, Percent Variance				
Customer Sector	**B/C Ratio**	**Net Benefits**	**Benefits**	**Costs (1)**
Residential	**-22%**	**-51%**	**-12%**	**13%**
Residential New Construction & Major Renovations	-29%	570%	-67%	-54%
Residential Heating and Water Heating	-26%	-27%	22%	65%
MassSAVE	0%	-43%	0%	-43%
Weatherization Program	-22%	-28%	-1%	26%
Multifamily Retrofit	-98%	-125%	-99%	-59%
Behavior/Feedback Program	#DIV/0!	0%	0%	0%
Deep Energy Retrofit	n/a	n/a	n/a	0%
Residential Building Practices and Demonstration Program	n/a	n/a	n/a	0%
Energy Analysis: Internet Audit Program	n/a	n/a	n/a	0%
Community based pilots	n/a	n/a	n/a	0%
Workforce Development	n/a	n/a	n/a	-53%
Statewide Marketing & Education	n/a	n/a	n/a	-85%
EEAC Consultants	n/a	n/a	n/a	32%
DOER Assessment	n/a	n/a	n/a	47%
Sponsorships & Subscriptions	n/a	n/a	n/a	0%
Low Income	**-47%**	**-89%**	**-51%**	**-7%**
Low-Income Retrofit	-48%	-87%	-51%	-6%
Statewide Marketing & Education	n/a	n/a	n/a	-81%
Low Income Energy Affordability Network Funding	n/a	n/a	n/a	-27%
DOER Assessment	n/a	n/a	n/a	139%
Commercial & Industrial	**23%**	**-5%**	**-24%**	**-38%**
C&I New Construction & Major Renovation	-6%	-70%	-63%	-60%
C&I Retrofit	3%	11%	9%	6%
C&I Direct Install	39%	185%	50%	8%
Workforce Development	n/a	n/a	n/a	-58%
Business Energy Analyzer	n/a	n/a	n/a	0%
Deep Energy Retrofit	n/a	n/a	n/a	0%
Statewide Marketing & Education	n/a	n/a	n/a	-27%
EEAC Consultants	n/a	n/a	n/a	32%
DOER Assessment	n/a	n/a	n/a	47%
Sponsorships & Subscriptions	n/a	n/a	n/a	0%
GRAND TOTAL	**-19%**	**-48%**	**-23%**	**-5%**

Notes:
(1) See Table IV.D.2.1 Total Resource Costs Summary for more information regarding TRC Test Costs.
(2) For purpose of determining cost-effectiveness, the benefits and costs of "hard to measure programs" are taken into account at the customer sector level.
(3) For the purpose of determining cost-effectiveness, General Support costs are taken into account at the customer sector level.

New England Gas Company
IV.D. Cost Effectiveness
2.1. Cost Summary Table

TRC Costs Summary, Planned				
	Program Costs (1)	**Performance Incentive (2,3)**	**Participant Costs**	**TOTAL Resource Costs (4)**
Residential (total)	**$1,239,625**	**$37,363**	**$430,252**	**$1,707,240**
Residential New Construction & Major Renovations	$162,943	$2,192	$126,750	$291,885
Residential Heating and Water Heating	$496,958	$16,459	$187,632	$701,049
MassSAVE	$130,650	$0	$0	$130,650
Weatherization Program	$303,310	$9,663	$66,302	$379,275
Multifamily Retrofit	$106,549	$9,049	$49,567	$165,165
Behavior/Feedback Program	$0	$0	$0	$0
Deep Energy Retrofit	$0	$0	$0	$0
Residential Building Practices and Demonstration Program	$0	$0	$0	$0
Energy Analysis: Internet Audit Program	$0	$0	$0	$0
Community Based pilots	$0	$0	$0	$0
Workforce Development	$1,678	$0	$0	$1,678
Statewide Marketing & Education	$28,549	$0	($0)	$28,549
EEAC Consultants	$2,766	$0	$0	$2,766
DOER Assessment	$6,223	$0	$0	$6,223
Sponsorships & Subscriptions	$0	$0	$0	$0
Low Income (total)	**$498,284**	**$17,521**	**$1**	**$515,806**
Low-Income Retrofit	$475,944	$17,521	$0	$493,465
Statewide Marketing & Education	$13,159	$0	$1	$13,159
Low Income Energy Affordability Network Funding	$6,069	$0	$0	$6,069
DOER Assessment	$3,113	$0	$0	$3,113
Commercial & Industrial (total)	**$574,799**	**$22,056**	**$284,791**	**$881,646**
C&I New Construction & Major Renovation	$397,912	$8,395	$175,935	$582,242
C&I Retrofit	$99,765	$12,075	$98,148	$209,988
C&I Direct Install	$47,925	$1,586	$10,708	$60,219
Workforce Development	$1,894	$0	($0)	$1,894
Business Energy Analyzer	$0	$0	$0	$0
Deep Energy Retrofit	$0	$0	$0	$0
Statewide Marketing & Education	$18,314	$0	$0	$18,314
EEAC Consultants	$2,766	$0	$0	$2,766
DOER Assessment	$6,223	$0	$0	$6,223
Sponsorships & Subscriptions	$0	$0	$0	$0
GRAND TOTAL	**$2,312,709**	**$76,940**	**$715,043**	**$3,104,692**

TRC Costs Summary, Actual				
	Program Costs (1)	**Performance Incentive (2)**	**Participant Costs**	**TOTAL Resource Costs (3)**
Residential (total)	**$1,150,388**	**$24,055**	**$755,739**	**$1,930,182**
Residential New Construction & Major Renovations	$84,381	$0	$49,750	$134,131
Residential Heating and Water Heating	$585,328	$12,628	$558,332	$1,156,288
MassSAVE	$75,079	$0	$0	$75,079
Weatherization Program	$320,364	$11,427	$147,657	$479,448
Multifamily Retrofit	$67,067	$0	$0	$67,067
Behavior/Feedback Program	$0	$0	$0	$0
Deep Energy Retrofit	$0	$0	$0	$0
Residential Building Practices and Demonstration Program	$0	$0	$0	$0
Energy Analysis: Internet Audit Program	$0	$0	$0	$0
Community Based pilots	$0	$0	$0	$0
Workforce Development	$793	$0	$0	$793
Statewide Marketing & Education	$4,367	$0	($0)	$4,367
EEAC Consultants	$3,644	$0	$0	$3,644
DOER Assessment	$9,127	$0	$0	$9,127
Sponsorships & Subscriptions	$236	$0	$0	$236
Low Income (total)	**$469,267**	**$8,095**	**$1**	**$477,362**
Low-Income Retrofit	$454,859	$8,095	$0	$462,954
Statewide Marketing & Education	$2,542	$0	$1	$2,542
Low Income Energy Affordability Network Funding	$4,418	$0	$0	$4,418
Low Income DOER Assessment	$7,449	$0	$0	$7,449
Commercial & Industrial (total)	**$428,086**	**$10,840**	**$107,615**	**$546,542**
C&I New Construction & Major Renovation	$171,853	$794	$57,887	$230,534
C&I Retrofit	$165,365	$9,210	$49,024	$223,599
C&I Direct Install	$63,672	$837	$704	$65,213
Workforce Development	$793	$0	($0)	$793
Business Energy Analyzer	$0	$0	$0	$0
Deep Energy Retrofit	$0	$0	$0	$0
Statewide Marketing & Education	$13,395	$0	$0	$13,395
EEAC Consultants	$3,644	$0	$0	$3,644
DOER Assessment	$9,127	$0	$0	$9,127
Sponsorships & Subscriptions	$236	$0	$0	$236
GRAND TOTAL	**$2,047,741**	**$42,990**	**$863,355**	**$2,954,086**

TRC Costs Summary, Percent Variance				
	Program Costs (1)	Performance Incentive (2)	Participant Costs	TOTAL Resource Costs (3)
Residential (total)	**-7%**	**-36%**	**76%**	**13%**
Residential New Construction & Major Renovations	-48%	-100%	-61%	-54%
Residential Heating and Water Heating	18%	-23%	198%	65%
MassSAVE	-43%	0%	0%	-43%
Weatherization Program	6%	18%	123%	26%
Multifamily Retrofit	-37%	-100%	-100%	-59%
O Power	0%	0%	0%	0%
Deep Energy Retrofit	0%	0%	0%	0%
Residential Building Practices and Demonstration Program	0%	0%	0%	0%
Energy Analysis: Internet Audit Program	0%	0%	0%	0%
Community Based pilots	0%	0%	0%	0%
Workforce Development	-53%	0%	0%	-53%
Statewide Marketing & Education	-85%	0%	0%	-85%
EEAC Consultants	32%	0%	0%	32%
DOER Assessment	47%	0%	0%	47%
Sponsorships & Subscriptions	0%	0%	0%	0%
Low Income (total)	**-6%**	**-54%**	**0%**	**-7%**
Low-Income Retrofit	-4%	-54%	0%	-6%
Statewide Marketing & Education	-81%	0%	0%	-81%
Low Income Energy Affordability Network Funding	-27%	0%	0%	-27%
Low Income DOER Assessment	139%	0%	0%	139%
Commercial & Industrial (total)	**-26%**	**-51%**	**-62%**	**-38%**
C&I New Construction & Major Renovation	-57%	-91%	-67%	-60%
C&I Retrofit	66%	-24%	-50%	6%
C&I Direct Install	33%	-47%	-93%	8%
Workforce Development	-58%	0%	0%	-58%
Business Energy Analyzer	0%	0%	0%	0%
Deep Energy Retrofit	0%	0%	0%	0%
Statewide Marketing & Education	-27%	0%	0%	-27%
EEAC Consultants	32%	0%	0%	32%
DOER Assessment	47%	0%	0%	47%
Sponsorships & Subscriptions	0%	0%	0%	0%
GRAND TOTAL	**-11%**	**-44%**	**21%**	**-5%**

Notes:

(1) Program Costs include Program Planning and Administration, Marketing and Advertising, Program Incentive, Sales, Technical Assistance & Training, Evaluation and Market Research (See Table IV.C.1, Budget Summary)

(2) Values listed in this table represent pre-tax performance incentive amounts. See Section IV.H. Shareholder Performance Incentives for supporting calculations.

(3) The source of the planned performance incentive values is the Performance Incentive Model filed with the DPU as Attachment B to the Memorandum of Agreement dated 4/15/11

(4) This represents the total TRC Test costs, which does not include LBR.

New England Gas Company
IV.D. Cost Effectiveness
3.1. Benefits Summary Table

Gas Benefits, Planned (Lifetime $)

Program	Gas	Electric			Non-Gas Non-Electric*							Non-Resource	TOTAL	TOTAL TRC Benefits
					Resource									
		Summer Capacity	Winter Capacity	Energy	No. 2 Distillate	No. 4 Fuel Oil	No. 6 Fuel Oil	Propane	Wood	Water	Kerosene			
Residential (total)	**1,982,739**	**7,277**	**2,076**	**3,546**	**-**	**-**	**-**	**-**	**-**	**17,907**	**-**	**782,798**	**800,705**	**2,796,343**
Residential New Construction & Major Renovations	202,850	-	-	-	-	-	-	-	-	1,753	-	81,202	82,955	285,805
Residential Heating and Water Heating	849,383	-	-	-	-	-	-	-	-	-	-	475,200	475,200	1,324,583
MassSAVE	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Weatherization Program	572,200	-	-	-	-	-	-	-	-	11,023	-	180,404	191,427	763,627
Multifamily Retrofit	358,306	7,277	2,076	3,546	-	-	-	-	-	5,131	-	45,992	51,123	422,328
Behavior/Feedback Program			-		-	-	-	-	-	-	-	-	-	-
Deep Energy Retrofit	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Building Practices and Demonstration Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Analysis: Internet Audit Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Community Based Pilots			-		-	-	-	-	-	-	-	-	-	-
Workforce Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Low Income (total)	**829,523**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**289,969**	**289,969**	**1,119,492**
Low-Income Retrofit	829,523	-	-	-	-	-	-	-	-	-	-	289,969	289,969	1,119,492
Commercial & Industrial (total)	**1,530,170**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**1,530,170**
C&I New Construction & Major Renovation	752,860	-	-	-	-	-	-	-	-	-	-	-	-	752,860
C&I Retrofit	698,203	-	-	-	-	-	-	-	-	-	-	-	-	698,203
C&I Direct Install	79,107	-	-	-	-	-	-	-	-	-	-	-	-	79,107
Workforce Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Business Energy Analyzer			-		-	-	-	-	-	-			-	-
Deep Energy Retrofit	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	**4,342,432**	**7,277**	**2,076**	**3,546**	**-**	**-**	**-**	**-**	**-**	**17,907**	**-**	**1,072,767**	**1,090,674**	**5,446,005**

Gas Benefits, Evaluated (Lifetime $)

Program	Gas	Electric			Non-Gas Non-Electric*							Non-Resource	TOTAL	TOTAL TRC Benefits
					Resource									
		Summer Capacity	Winter Capacity	Energy	No. 2 Distillate	No. 4 Fuel Oil	No. 6 Fuel Oil	Propane	Wood	Water	Kerosene			
Residential (total)	**1,908,618**	**-**	**(33)**	**(209)**	**-**	**-**	**-**	**-**	**-**	**8,791**	**-**	**545,078**	**553,869**	**2,462,245**
Residential New Construction & Major Renovations	47,864	-	-	-						576		44,943	45,519	93,383
Residential Heating and Water Heating	1,313,101	-	(33)	(209)						-		296,705	296,705	1,609,564
MassSAVE	-	-	-	-						-		-	-	-
Weatherization Program	545,634	-	-	-						6,951		202,964	209,915	755,549
Multifamily Retrofit	2,019	-	-	-						1,264		466	1,729	3,748
Behavior/Feedback Program	-	-	-	-						-		-	-	-
Deep Energy Retrofit	-												-	-
Residential Building Practices and Demonstration Program	-												-	-
Energy Analysis: Internet Audit Program	-												-	-
Community Based Pilots	-												-	-
Workforce Development	-												-	-
Low Income (total)	**343,875**	**16,699**	**5,096**	**11,245**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**169,484**	**169,484**	**546,399**
Low-Income Retrofit	343,875	16,699	5,096	11,245						-		169,484	169,484	546,399
Commercial & Industrial (total)	**866,960**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**65,788**	**-**	**231,698**	**297,486**	**1,164,446**
C&I New Construction & Major Renovation	281,604	-	-	-						-		-	-	281,604
C&I Retrofit	547,643	-	-	-						2,108		214,080	216,188	763,831
C&I Direct Install	37,713	-	-	-						63,680		17,618	81,298	119,010
Workforce Development													-	-
Business Energy Analyzer													-	-
Deep Energy Retrofit													-	-
GRAND TOTAL	**3,119,453**	**16,699**	**5,063**	**11,036**	**-**	**-**	**-**	**-**	**-**	**74,579**	**-**	**946,259**	**1,020,838**	**4,173,089**

Gas Benefits, Percent Variance (Lifetime $)														
Program	Gas	Electric			Non-Gas Non-Electric*									TOTAL TRC Benefits
					Resource							Non-Resource	TOTAL	
		Summer Capacity	Winter Capacity	Energy	No. 2 Distillate	No. 4 Fuel Oil	No. 6 Fuel Oil	Propane	Wood	Water	Kerosene			
Residential (total)	**-4%**	**-100%**	**-102%**	**-106%**	**0%**	**0%**	**0%**	**0%**	**0%**	**-51%**	**0%**	**-30%**	**-31%**	**-12%**
Residential New Construction & Major Renovations	-76%	0%	0%	0%	0%	0%	0%	0%	0%	-67%	0%	-45%	-45%	-67%
Residential Heating and Water Heating	55%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-38%	-38%	22%
MassSAVE	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Weatherization Program	-5%	0%	0%	0%	0%	0%	0%	0%	0%	-37%	0%	13%	10%	-1%
Multifamily Retrofit	-99%	-100%	-100%	-100%	0%	0%	0%	0%	0%	-75%	0%	-99%	-97%	-99%
Behavior/Feedback Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Deep Energy Retrofit	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Residential Building Practices and Demonstration Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Energy Analysis: Internet Audit Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Community Based Pilots	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Workforce Development	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Low Income (total)	**-59%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**-42%**	**-42%**	**-51%**
Low-Income Retrofit	-59%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-42%	-42%	-51%
Commercial & Industrial (total)	**-43%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**-24%**
C&I New Construction & Major Renovation	-63%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-63%
C&I Retrofit	-22%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	9%
C&I Direct Install	-52%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%
Workforce Development	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Business Energy Analyzer	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Deep Energy Retrofit	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
GRAND TOTAL	**-28%**	**129%**	**144%**	**211%**	**0%**	**0%**	**0%**	**0%**	**0%**	**316%**	**0%**	**-12%**	**-6%**	**-23%**

NOTES
*where applicable
Gas PAs should footnote this table to indicate that discounting is being used to calculate lifetime dollars

New England Gas Company
IV.D. Cost Effectiveness
3.2. Savings Summary Table

Gas Savings (Annualized), Planned

Program	# of Participants	Gas Annualized Savings (MMBTU)	Gas Annualized Savings (Therms)	Gas Lifetime Savings (Therms)	Electric			Non-Gas Non-Electric*							
								Resource							
								MMBTU						Gallons	Non-Resource (1)
					Summer Capacity (kW)	Winter Capacity (KW)	Energy (kWh)	No. 2 Distillate	No. 4 Fuel Oil	No. 6 Fuel Oil	Propane	Wood	Kerosene	Water	
Residential (total)	**1,628**	**11,805**	**118,053**	**2,375,759**	**3**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential New Construction & Major Renovations	39	1,038	10,377	208,832	-	-	-	-	-	-	-	-	-	-	-
Residential Heating and Water Heating	837	5,668	56,682	1,140,698	-	-	-	-	-	-	-	-	-	-	-
MassSAVE	510	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Weatherization Program	197	3,138	31,379	631,487	-	-	-	-	-	-	-	-	-	-	-
Multifamily Retrofit	45	1,961	19,615	394,742	3	3	-	-	-	-	-	-	-	-	-
Behavior/Feedback Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deep Energy Retrofit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential Building Practices and Demonstration Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Energy Analysis: Internet Audit Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Community Based Pilots	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Workforce Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Low Income (total)	**102**	**4,005**	**40,047**	**977,080**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Low-Income Retrofit	102	4,005	40,047	977,080	-	-	-	-	-	-	-	-	-	-	-
Commercial & Industrial (total)	**916**	**19,559**	**195,588**	**1,961,620**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
C&I New Construction & Major Renovation	170	5,993	59,934	601,099	-	-	-	-	-	-	-	-	-	-	-
C&I Retrofit	679	12,056	120,560	1,209,138	-	-	-	-	-	-	-	-	-	-	-
C&I Direct Install	67	1,509	15,094	151,383	-	-	-	-	-	-	-	-	-	-	-
Workforce Development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Business Energy Analyzer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deep Energy Retrofit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	**2,646**	**35,369**	**353,688**	**5,314,459**	**3**	**3**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Gas Savings (Annualized), Evaluated

Program	# of Participants	Gas (MMBTU)	Gas (Therms)	Gas Lifetime Savings (Therms)	Electric			Non-Gas Non-Electric*							
								Resource							
								MMBTU						Gallons	Non-Resource (1)
					Summer Capacity (kW)	Winter Capacity (kW)	Energy (kWh)	No. 2 Distillate	No. 4 Fuel Oil	No. 6 Fuel Oil	Propane	Wood	Kerosene	Water	
Residential (total)	**1,780**	**12,734**	**127,338**	**2,314,263**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Residential New Construction & Major Renovations	11	234	2,335	56,775	-	-	-							-	-
Residential Heating and Water Heating	971	8,978	89,782	1,607,346	-	-	-							-	-
MassSAVE	416	-	-	-	-	-	-							-	-
Weatherization Program	381	3,492	34,918	647,539	-	-	-							-	-
Multifamily Retrofit	1	30	303	2,603	-	-	-							-	-
Behavior/Feedback Program	-	-	-	-	-	-	-							-	-
Deep Energy Retrofit		-													
Residential Building Practices and Demonstration Program		-		-											
Energy Analysis: Internet Audit Program		-													
Community Based Pilots		-													
Workforce Development		-													
Low Income (total)	**71**	**1,678**	**16,777**	**370,392**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Low-Income Retrofit	71	1,678	16,777	370,392	-	-	-							-	-
Commercial & Industrial (total)	**150**	**7,813**	**78,129**	**1,092,951**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
C&I New Construction & Major Renovation	48	1,643	16,429	347,816	-	-	-							-	-
C&I Retrofit	91	5,678	56,784	693,799	-	-	-							-	-
C&I Direct Install	11	492	4,917	51,336	-	-	-							-	-
Workforce Development		-													
Business Energy Analyzer		-													
Deep Energy Retrofit		-													
GRAND TOTAL	**2,001**	**22,224**	**222,244**	**3,777,606**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Gas Savings (Annualized), Percent Variance																
Program	# of Participants	Gas (MMBTU)	Gas (Therms)	Gas Lifetime Savings (Therms)	Electric			Non-Gas Non-Electric*								
								Resource								
								MMBTU							Gallons	Non-Resource (1)
					Summer Capacity (kW)	Winter Capacity (kW)	Energy (kWh)	No. 2 Distillate	No. 4 Fuel Oil	No. 6 Fuel Oil	Propane	Wood	Kerosene		Water	
Residential (total)	**9%**	**8%**	**8%**	**0**	**-100%**	**-100%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**		**0%**	**0%**
Residential New Construction & Major Renovations	-72%	-77%	-77%	-73%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Residential Heating and Water Heating	16%	58%	58%	41%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
MassSAVE	-18%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Weatherization Program	93%	11%	11%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Multifamily Retrofit	-98%	-98%	-98%	-99%	-100%	-100%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Behavior/Feedback Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Deep Energy Retrofit	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Residential Building Practices and Demonstration Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Energy Analysis: Internet Audit Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Community Based Pilots	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Workforce Development	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Low Income (total)	**-30%**	**-58%**	**-58%**	**-62%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**		**0%**	**0%**
Low-Income Retrofit	-30%	-58%	-58%	-62%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Commercial & Industrial (total)	**-84%**	**-60%**	**-60%**	**-44%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**		**0%**	**0%**
C&I New Construction & Major Renovation	-72%	-73%	-73%	-42%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
C&I Retrofit	-87%	-53%	-53%	-43%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
C&I Direct Install	-84%	-67%	-67%	-66%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Workforce Development	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Business Energy Analyzer	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
Deep Energy Retrofit	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0%	0%
GRAND TOTAL	**-24%**	**-37%**	**-37%**	**-29%**	**-100%**	**-100%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**		**0%**	**0%**

NOTES
*where applicable
(1) For each program that includes non-resource benefits, identify the category of non-resource benefits and provide a complete description of the calculation used to determine the benefit amount, and include all supporting documentation

New England Gas Company
IV. I. Cost Recovery
1. Calculation of LBR Savings

New England Gas did not seek recovery of gas lost base revenue during 2012.

New England Gas Company
V.D. Competitive Procurement Process
1. Outsourced Services Table

Outsourced Services Planned, 2012

Program	Outsourced?	Program Planning and Administration	Marketing and Advertising	Sales, Technical Assistance & Training	Evaluation and Market Research	TOTAL
Residential						
Residential New Construction & Major Renovations	Yes	$0	$6,344	$52,271	$12,200	$70,815
	No	$19,978	$0	$0	$0	$19,978
	% Outsourced	0%	100%	100%	100%	78%
Residential Heating and Water Heating	Yes	$0	$6,344	$22,494	$13,450	$42,288
	No	$65,944	$0	$0	$0	$65,944
	% Outsourced	0%	100%	100%	100%	39%
MassSAVE	Yes	$0	$6,625	$75,000	$5,025	$86,650
	No	$44,000	$0	$0	$0	$44,000
	% Outsourced	0%	100%	100%	100%	66%
Weatherization Program	Yes	$41,344	$4,741	$40,247	$9,584	$95,916
	No	$0	$0	$0	$0	$0
	% Outsourced	100%	100%	100%	100%	100%
Multifamily Retrofit	Yes	$0	$1,603	$13,759	$3,241	$18,603
	No	$20,576	$0	$0	$0	$20,576
	% Outsourced	0%	100%	100%	100%	47%
Behavior/Feedback Program	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Deep Energy Retrofit	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Residential Building Practices and Demonstration Program	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Energy Analysis: Internet Audit Program	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Community Based Pilots	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Workforce Development	Yes	$1,678	$0	$0	$0	$1,678
	No	$0	$0	$0	$0	$0
	% Outsourced	100%	0%	0%	0%	100%
Statewide Marketing & Education	Yes		$28,549			$28,549
	No					$0
	% Outsourced	0%	100%	0%	0%	100%
EEAC Consultants	Yes	$2,766				$2,766
	No					$0
	% Outsourced	100%	0%	0%	0%	100%
DOER Assessment	Yes	$6,223				$6,223
	No					$0
	% Outsourced	100%	0%	0%	0%	100%
Sponsorships & Subscriptions	Yes					0
	No					0
	% Outsourced	0%	0%	0%	0%	0%
Residential TOTAL	Yes	$52,011	$54,206	$203,771	$43,500	$353,488
	No	$150,498	$0	$0	$0	$150,498
	% Outsourced	26%	100%	100%	100%	70%
Low Income						
Low-Income Retrofit	Yes	$0	$8,774	$66,064	$17,712	$92,550
	No	$79,908	$0	$0	$0	$79,908
	% Outsourced	0%	100%	100%	100%	54%
Statewide Marketing & Education	Yes	$0	$13,159	$0	$0	$13,159
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	100%	0%	0%	100%
Low Income Energy Affordability Network Funding	Yes	$0	$0	$6,069	$0	$6,069
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	100%	0%	100%
DOER Assessment	Yes	$3,113	$0	$0	$0	$3,113
	No	$0	$0	$0	$0	$0
	% Outsourced	100%	0%	0%	0%	100%
Low Income TOTAL	Yes	$3,113	$21,933	$72,133	$17,712	$114,891
	No	$79,908	$0	$0	$0	$79,908
	% Outsourced	4%	100%	100%	100%	59%
Commercial & Industrial						
C&I New Construction & Major Renovation	Yes	$0	$4,289	$51,749	$9,545	$65,583
	No	$159,865	$0	$0	$0	$159,865
	% Outsourced	0%	100%	100%	100%	29%
C&I Retrofit	Yes	$0	$4,289	$9,532	$7,775	$21,596
	No	$49,195	$0	$0	$0	$49,195
	% Outsourced	0%	100%	100%	100%	31%
C&I Direct Install	Yes	$0	$3,632	$0	$7,333	$10,965
	No	$34,393	$0	$0	$0	$34,393
	% Outsourced	0%	100%	0%	100%	24%
Workforce Development	Yes	$1,894	$0	$0	$0	$1,894
	No	$0	$0	$0	$0	$0
	% Outsourced	100%	0%	0%	0%	100%
Business Energy Analyzer	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Deep Energy Retrofit	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Statewide Marketing & Education	Yes	$0	$18,314	$0	$0	$18,314
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	100%	0%	0%	100%
EEAC Consultants	Yes	$2,766	$0	$0	$0	$2,766
	No	$0	$0	$0	$0	$0
	% Outsourced	100%	0%	0%	0%	100%
DOER Assessment	Yes	$6,223	$0	$0	$0	$6,223
	No	$0	$0	$0	$0	$0
	% Outsourced	100%	0%	0%	0%	100%
Sponsorships & Subscriptions	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
C&I TOTAL	Yes	$10,883	$30,524	$61,281	$24,653	$127,341
	No	$243,453	$0	$0	$0	$243,453
	% Outsourced	4%	100%	100%	100%	34%
TOTAL						
GRAND TOTAL	**Yes**	**$66,007**	**$106,663**	**$337,185**	**$85,865**	**$595,720**
	No	**$473,859**	**$0**	**$0**	**$0**	**$473,859**
	% Outsourced	**12%**	**100%**	**100%**	**100%**	**56%**

Outsourced Services Actual, 2012						
Program	**Outsourced?**	**Program Planning and Administration**	**Marketing and Advertising**	**Sales, Technical Assistance & Training**	**Evaluation and Market Research**	**TOTAL**
Residential						
Residential New Construction & Major Renovations	Yes	$0	$999	$25,560	$3,674	$30,233
	No	$47,799	$0	$0	$0	$47,799
	% Outsourced	0%	100%	100%	100%	39%
Residential Heating and Water Heating	Yes	$0	$3,246	$27,401	$5,916	$36,564
	No	$54,007	$0	$0	$0	$54,007
	% Outsourced	0%	100%	100%	100%	40%
MassSAVE	Yes	$0	$6,719	$58,150	$0	$64,869
	No	$10,210	$0	$0	$0	$10,210
	% Outsourced	0%	100%	100%	0%	86%
Weatherization Program	Yes	$0	$999	$14,927	$15,360	$31,286
	No	$93,059	$0	$0	$0	$93,059
	% Outsourced	0%	100%	100%	100%	25%
Multifamily Retrofit	Yes	$0	$999	$3,233	$14,151	$18,383
	No	$47,799	$0	$0	$0	$47,799
	% Outsourced	0%	100%	100%	100%	28%
Behavior/Feedback Program	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Deep Energy Retrofit	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Residential Building Practices and Demonstration Program	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Energy Analysis: Internet Audit Program	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Community based pilots	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Workforce Development	Yes	$793	$0	$0	$0	$793
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Statewide Marketing & Education	Yes	$0	$4,367	$0	$0	$4,367
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	100%	0%	0%	100%
EEAC Consultants	Yes	$3,644	$0	$0	$0	$3,644
	No	$0	$0	$0	$0	$0
	% Outsourced	100%	0%	0%	0%	100%
DOER Assessment	Yes	$9,127	$0	$0	$0	$9,127
	No	$0	$0	$0	$0	$0
	% Outsourced	100%	0%	0%	0%	100%
Sponsorships & Subscriptions	Yes	236	0	0	0	236
	No	0	0	0	0	0
	% Outsourced	0%	0%	0%	0%	0%
Residential TOTAL	Yes	$13,565	$17,329	$129,271	$39,101	$199,266
	No	$252,874	$0	$0	$0	$252,874
	% Outsourced	5%	100%	100%	100%	44%
Low Income						
Low-Income Retrofit	Yes	$0	$2,688	$13,113	$12,199	$28,000
	No	$196,549	$0	$0	$0	$196,549
	% Outsourced	0%	100%	100%	100%	12%
Statewide Marketing & Education	Yes	$0	$2,542	$0	$0	$2,542
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	100%	0%	0%	100%
Low Income Energy Affordability Network Funding	Yes	$0	$0	$4,418	$0	$4,418
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	100%	0%	100%
DOER Assessment	Yes	$7,449	$0	$0	$0	$7,449
	No	$0	$0	$0	$0	$0
	% Outsourced	100%	0%	0%	0%	100%
Low Income TOTAL	Yes	$7,449	$5,230	$17,531	$12,199	$42,408
	No	$196,549	$0	$0	$0	$196,549
	% Outsourced	4%	100%	100%	100%	18%
Commercial & Industrial						
C&I New Construction & Major Renovation	Yes	$0	$2,841	$21,677	$20,819	$45,338
	No	$63,715	$0	$0	$0	$63,715
	% Outsourced	0%	100%	100%	100%	42%
C&I Retrofit	Yes	$0	$1,847	$12,586	$20,819	$35,251
	No	$57,893	$0	$0	$0	$57,893
	% Outsourced	0%	100%	100%	100%	38%
C&I Direct Install	Yes	$0	$1,220	$0	$2,717	$3,937
	No	$57,870	$0	$0	$0	$57,870
	% Outsourced	0%	100%	0%	100%	6%
Workforce Development	Yes	$793	$0	$0	$0	$793
	No	$0	$0	$0	$0	$0
	% Outsourced	100%	0%	0%	0%	100%
Business Energy Analyzer	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Deep Energy Retrofit	Yes	$0	$0	$0	$0	$0
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
Statewide Marketing & Education	Yes	$0	$13,395	$0	$0	$13,395
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	100%	0%	0%	100%
EEAC Consultants	Yes	$3,644	$0	$0	$0	$3,644
	No	$0	$0	$0	$0	$0
	% Outsourced	100%	0%	0%	0%	0%
DOER Assessment	Yes	$9,127	$0	$0	$0	$9,127
	No	$0	$0	$0	$0	$0
	% Outsourced	100%	0%	0%	0%	100%
Sponsorships & Subscriptions	Yes	$236	$0	$0	$0	$236
	No	$0	$0	$0	$0	$0
	% Outsourced	0%	0%	0%	0%	0%
C&I TOTAL	Yes	$13,565	$19,303	$34,263	$44,355	$111,486
	No	$179,478	$0	$0	$0	$179,478
	% Outsourced	7%	100%	100%	100%	38%
TOTAL						
GRAND TOTAL	**Yes**	**$34,578**	**$41,862**	**$181,065**	**$95,655**	**$353,159**
	No	**$628,901**	**$0**	**$0**	**$0**	**$628,901**
	% Outsourced	**5%**	**100%**	**100%**	**100%**	**36%**

$663,479

Outsourced Services Percent Variance, 2012

Program	Outsourced?	Program Planning and Administration	Marketing and Advertising	Sales, Technical Assistance & Training	Evaluation and Market Research	TOTAL
Residential						
Residential New Construction & Major Renovations	Yes	0%	-84%	-51%	-70%	-57%
	No	139%	0%	0%	0%	139%
	% Outsourced	0%	0%	0%	0%	-50%
Residential Heating and Water Heating	Yes	0%	-49%	22%	-56%	-14%
	No	-18%	0%	0%	0%	-18%
	% Outsourced	0%	0%	0%	0%	3%
MassSAVE	Yes	0%	1%	-22%	-100%	-25%
	No	-77%	0%	0%	0%	-77%
	% Outsourced	0%	0%	0%	-100%	30%
Weatherization Program	Yes	-100%	-79%	-63%	60%	-67%
	No	0%	0%	0%	0%	0%
	% Outsourced	-100%	0%	0%	0%	-75%
Multifamily Retrofit	Yes	0%	-38%	-77%	337%	-1%
	No	132%	0%	0%	0%	132%
	% Outsourced	0%	0%	0%	0%	-42%
Behavior/Feedback Program	Yes	0%	0%	0%	0%	0%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
Deep Energy Retrofit	Yes	0%	0%	0%	0%	0%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
Residential Building Practices and Demonstration Program	Yes	0%	0%	0%	0%	0%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
Energy Analysis: Internet Audit Program	Yes	0%	0%	0%	0%	0%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
Community based pilots	Yes	0%	0%	0%	0%	0%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
Workforce Development	Yes	-53%	0%	0%	0%	-53%
	No	0%	0%	0%	0%	0%
	% Outsourced	-100%	0%	0%	0%	0%
Statewide Marketing & Education	Yes	0%	-85%	0%	0%	-85%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
EEAC Consultants	Yes	32%	0%	0%	0%	32%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
DOER Assessment	Yes	47%	0%	0%	0%	47%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
Sponsorships & Subscriptions	Yes	0%	0%	0%	0%	0%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
Residential TOTAL	Yes	-74%	-68%	-37%	-10%	-44%
	No	68%	0%	0%	0%	68%
	% Outsourced	-80%	0%	0%	0%	-37%
Low Income						
Low-Income Retrofit	Yes	0%	-69%	-80%	-31%	-70%
	No	146%	0%	0%	0%	146%
	% Outsourced	0%	0%	0%	0%	-77%
Statewide Marketing & Education	Yes	0%	-81%	0%	0%	-81%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
Low Income Energy Affordability Network Funding	Yes	0%	0%	-27%	0%	-27%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
DOER Assessment	Yes	139%	0%	0%	0%	139%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
Low Income TOTAL	Yes	139%	-76%	-76%	-31%	-63%
	No	146%	0%	0%	0%	146%
	% Outsourced	-3%	0%	0%	0%	-70%
Commercial & Industrial						
C&I New Construction & Major Renovation	Yes	0%	-34%	-58%	118%	-31%
	No	-60%	0%	0%	0%	-60%
	% Outsourced	0%	0%	0%	0%	43%
C&I Retrofit	Yes	0%	-57%	32%	168%	63%
	No	18%	0%	0%	0%	18%
	% Outsourced	0%	0%	0%	0%	24%
C&I Direct Install	Yes	0%	-66%	0%	-63%	-64%
	No	68%	0%	0%	0%	68%
	% Outsourced	0%	0%	0%	0%	-74%
Workforce Development	Yes	-58%	0%	0%	0%	-58%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
Business Energy Analyzer	Yes	0%	0%	0%	0%	0%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
Deep Energy Retrofit	Yes	0%	0%	0%	0%	0%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
Statewide Marketing & Education	Yes	0%	-27%	0%	0%	-27%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
EEAC Consultants	Yes	32%	0%	0%	0%	32%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
DOER Assessment	Yes	47%	0%	0%	0%	47%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
Sponsorships & Subscriptions	Yes	0%	0%	0%	0%	0%
	No	0%	0%	0%	0%	0%
	% Outsourced	0%	0%	0%	0%	0%
C&I TOTAL	Yes	25%	-37%	-44%	80%	-12%
	No	-26%	0%	0%	0%	-26%
	% Outsourced	64%	0%	0%	0%	12%
TOTAL						
GRAND TOTAL	**Yes**	**-48%**	**-61%**	**-46%**	**11%**	**-41%**
	No	**33%**	**0%**	**0%**	**0%**	**33%**
	% Outsourced	**-57%**	**0%**	**0%**	**0%**	**-35%**

New England Gas Company

VII. Appendix

B.1. Master Summary

Gas PA's Master Summary of Energy Efficiency Activities

Sector	TRC Benefits ($)							TRC Costs ($)			TRC B/C Ratio	Net Benefits
	Gas	Electric			Non-gas Non-elec Resource	Non-Resource	TOTAL BENEFITS	PA	Customer	TOTAL		
		Summer Capacity	Winter Capacity	Energy								
Planned												
Residential	1,982,739	7,277	2,076	3,546	17,907	782,798	2,796,343	1,276,988	430,252	1,707,240	1.64	1,089,103
Low Income	829,523	-	-	-	-	289,969	1,119,492	515,805	1	515,806	2.17	603,686
C&I	1,530,170	-	-	-	-	-	1,530,170	596,855	284,791	881,646	1.74	648,524
TOTAL	4,342,432	7,277	2,076	3,546	17,907	1,072,767	5,446,005	2,389,649	715,043	3,104,692	1.75	2,341,313
Evaluated												
Residential	1,908,618	-	(33)	(209)	8,791	545,078	2,462,245	1,174,443	755,739	1,930,182	1.28	532,063
Low Income	343,875	16,699	5,096	11,245	-	169,484	546,399	477,361	1	477,362	1.14	69,037
C&I	866,960	-	-	-	65,788	231,698	1,164,446	438,926	107,615	546,542	2.13	617,904
TOTAL	3,119,453	16,699	5,063	11,036	74,579	946,259	4,173,089	2,090,731	863,355	2,954,086	1.41	1,219,003
Perent Variance												
Residential	-4%	-100%	-102%	-106%	-51%	-30%	-12%	-8%	76%	13%	-22%	-51%
Low Income	-59%	0%	0%	0%	0%	-42%	-51%	-7%	0%	-7%	-47%	-89%
C&I	-43%	0%	0%	0%	0%	0%	-24%	-26%	-62%	-38%	23%	-5%
TOTAL	-28%	129%	144%	211%	316%	-12%	-23%	-13%	21%	-5%	-19%	-48%

Notes:

(1) GHG for information purposes only; it is not included in TRC test

VII. Appendix

B.1. Master Summary

Gas PA's Master Summary of Energy Efficiency Activities

Sector	Savings										Avg Measure Life (yrs.)	TR Energy Cost ($/Lifetime-MWh saved)	Emissions Reductions (Short Tons) (1)				Participants
	Gas (Therms)		Electric Energy (kWh)		Summer Electric Capacity (KW)		Winter Capacity (kW)		Non-gas non-elec Resources (MMBTU)				NOx	SO2	GHG (MA Based)	GHG (Regional Based)	
	Annualized	Lifetime	Annualized	Lifetime	Annualized	Lifetime	Annualized	Lifetime	Annualized	Lifetime							
Planned																	
Residential	118,053	2,375,759	-	-	3	60	3	60	-	-	20	0.72	N/A	N/A	13,880	13,880	1,628
Low Income	40,047	977,080	-	-	-	-	-	-	-	-	24	0.53	N/A	N/A	5,708	5,708	102
C&I	195,588	1,961,620	-	-	-	-	-	-	-	-	10	0.45	N/A	N/A	11,460	11,460	916
TOTAL	353,688	5,314,459	-	-	3	60	3	60	-	-	15	0.58	N/A	N/A	31,048	31,048	2,646
Evaluated																	
Residential	127,338	2,314,263	-	-	-	-	-	-	-	-	18	0.83	N/A	N/A	13,520	13,520	1,780
Low Income	16,777	370,392	-	-	-	-	-	-	-	-	22	1.29	N/A	N/A	2,164	2,164	71
C&I	78,129	1,092,951	-	-	-	-	-	-	-	-	14	0.50	N/A	N/A	6,385	6,385	150
TOTAL	222,244	3,777,606	-	-	-	-	-	-	-	-	17	0.78	N/A	N/A	22,069	22,069	2,001
Perent Variance																	
Residential	8%	-3%	0%	0%	-100%	-100%	-100%	-100%	0%	0%	-10%	16%	N/A	N/A	-3%	-3%	9%
Low Income	-58%	-62%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	144%	N/A	N/A	-62%	-62%	-30%
C&I	-60%	-44%	0%	0%	0%	0%	0%	0%	0%	0%	39%	11%	N/A	N/A	-44%	-44%	-84%
TOTAL	-37%	-29%	0%	0%	-100%	-100%	-100%	-100%	0%	0%	13%	34%	N/A	N/A	-29%	-29%	-24%

Notes:

(1) GHG for information purposes only; it is not included in TRC test

Sector	Annual Emmision Reduction Emissions Reductions (Short Tons)			
	NOx	SO2	CO2	NOTES
Planned				Please note that the PAs are working with DEP to try to determine the best method for properly and precisely capturing the full impact of energy efficiency measures on GHG emissions. As part of this process, the PAs have included this additional table on Emissions Reductions, based on continuing discussions with the DEP. These reductions are calculated using new factors proposed by DEP, which are based on annual gas, oil, and electric savings. The PAs look forward to discussing these proposed factors with DEP
Residential	28	74	74	
Low Income	10	25	25	
C&I	47	123	25	
TOTAL	85	223	125	
Evaluated				
Residential	31	80	80	
Low Income	4	11	11	
C&I	19	49	49	
TOTAL	53	140	140	

ORIGINAL GHG FACTORS

	NOX	SO2	GHG (MA BASED)	GHG (REGIONAL)	
elec	0.0002401	0.0006308	0.535842294	0.469713262	per lifetime mwh
gas			0.0058422	0.0058422	per lifetime therm
oil			0.0806458	0.0806458	per lifetime mmbtu

UPDATED EMISSIONS REDUCTIONS FACTORS

	NOX	SO2	CO2	
elec	0.0002401	0.0006308	0.515	per annual mwh
gas			0.0006308	per annual therm
oil			0.0002401	per annual mmb

2. Screening Tool

Please see Appendix B, Attachment B-2, the screening tool in Microsoft Excel format, on CD-ROM.

3. Technical Reference Manual

The Massachusetts Technical Reference Manual for Estimating Savings from Energy Efficiency Measures ("TRM") documents how the Program Administrators consistently, reliably, and transparently calculate savings resulting from the installation of prescriptive energy efficiency measures. The TRM provides methods, formulas, and default assumptions for estimating energy, peak demand, and other resource impacts from energy efficiency measures.

Each TRM is associated with a specific program year and version. There are two versions for each program year: the "Plan Version," which is filed with the PA plans prior to the program year, and the "Report Version," which includes updates to the "Plan Version" and is filed with the PAs' annual reports. Changes between the 2012 - Plan Version and 2012 - Report Version of the TRM are made primarily to incorporate the results of EM&V studies that were finalized in 2012 following the submission of the 2012 - Plan Version TRM, and in advance of the filing of the 2012 Annual Report. The EM&V studies included in the 2012 TRM - Report Version are included herewith as Appendix C (Program and Pilot Program EM&V Studies) and are summarized in Section III (describing EM&V activities). In addition to a summary of each of the evaluation studies, Section III includes a statewide summary that highlights evaluation studies that had significant impacts on final evaluated data.

Each measure included in the TRM is associated with one or more programs. Section II, Program Performance, includes a discussion of the impact to evaluated program results as a result of the EM&V studies in Appendix C.

The table below shows the EM&V studies discussed in the TRM - Report Version and included herewith that affected evaluated results, along with the relevant programs that were impacted.

Studies	Gas/Electric or Both	Program
Net-to-Gross Evaluation of Cool Smart and High -Efficiency Heating and Water Heating Equipment Programs	Both	Residential Cooling and Heating Equipment, Residential Heating and Water Heating
HES Realization Rate Results Memo	Both	Home Energy Services, Gas Weatherization
Results of the Massachusetts Onsite Lighting Inventory	Electric	ENERGY STAR Lighting, Residential New Construction & Major Renovation, Low-Income Residential New Construction
Massachusetts Cross-Cutting Behavioral Program Evaluation Integrated Report	Both	Behavior/Feedback Program
Massachusetts Small Business Direct Install: 2010-2012 Impact Evaluations	Both	C&I Small Retrofit
Impact Evaluation of 2011-2012 Prescriptive VSDs	Electric	C&I New Construction & Major Renovation, C&I Large Retrofit, C&I Small Retrofit
Impact Evaluation of 2010 Prescriptive Lighting Installations	Electric	C&I New Construction & Major Renovation, C&I Large Retrofit, C&I Small Retrofit
Impact Evaluation of 2011 Custom Refrigeration, Motor and Other Installations	Electric	C&I New Construction & Major Renovation, C&I Large Retrofit
Process Evaluation of the 2012 Bright Opportunities Program	Electric	C&I New Construction & Major Renovation
Impact Evaluation of 2011 Prescriptive Gas Measures	Gas	C&I New Construction & Major Renovation
Impact Evaluation of 2011 Custom Gas Installations	Gas	C&I New Construction & Major Renovation, C&I Large Retrofit

Please see Appendix B, Attachment B-3 for the 2012 - Report Version of the TRM.

APPENDIX C: Program and Pilot Program EM&V Studies

Please see VOLUME II, Appendix C (Evaluation Studies)

APPENDIX D: Performance Incentives Supporting Documentation

1. Model

Please see Appendix D, Attachment D-1.

2012 Energy Effiency Performance Incentives - New England Gas
2012 Annual Report Results

	New England Gas	Segment %	Residential	Low Income	C&I	Total	Comment
1	Planned Benefits		2,796,343	1,119,492	1,530,169	5,446,004	Planned Benefits
2	Achieved Benefits		2,462,244	546,399	1,164,446	4,173,089	IV. D. Cost Effectiveness 1. Summary Table
3	Savings Payout Rate 2012		0.0079	0.0079	0.0079	0.0079	Exhibit D, Attachment 2 in New England Gas, D.P.U. 11-115 dated 10/28/11
4	**Savings Incentives**		**$ 19,547**	**$ 4,338**	**$ 9,244**	**$ 33,128**	Line 1 times Line 2
	Planned Savings Incentives-2012 MTM		$ 22,199	$ 8,887	$ 12,147	$ 43,234	77%
5	Actual Costs		1,930,182	477,362	546,542	2,954,086	Total TRC Costs (which includes Line 6 below)
6	Performance Incentive Included in Cost		23,510	8,095	10,840	42,445	Estimated Performance Incentive before final run
7	Achieved Net Benefits (excluding performance incentives)		555,572	77,132	628,744	1,261,448	Line 2 - (Line 5 - Line 6)
8	Value Payout Rate 2012		0.0093	0.0093	0.0093	0.0093	Exhibit D, Attachment 2 in New England Gas, D.P.U. 11-115 dated 10/28/11
9	**Value Incentives**		**$ 5,163**	**$ 717**	**$ 5,842**	**$ 11,722**	Line 7 times Line 8
	Planned Value Incentives-2012 MTM		$ 10,467	$ 5,772	$ 6,231	$ 22,471	52% Disqualified for metric achievement
12	**Performance Metrics**		**$ 4,509**	**$ 3,757**	**$ 1,596**	**$ 9,862**	Line 52
13	**Total Peformance Incentives**		**$ 24,055**	**$ 8,095**	**$ 10,840**	**$ 42,990**	Line 4 + Line 11 + Line 12
	Performance Metric Allocation - Targets (2012)						
14	Targets		$ 4,045	$ 3,145	$ 4,045	$ 11,235	Exhibit D, Attachment 2 in New England Gas, D.P.U. 11-115 dated 10/28/11
15	All Sector Metrics					20.0%	Exhibit D, Attachment 2 in New England Gas, D.P.U. 11-115 dated 10/28/11
16	1. Financing Metric	25%	$ 202	$ 157	$ 202	$ 562	Line 15* Line 14 * segment%
17	2. Cost-Effiency of Program Expenditures	75%	$ 607	$ 472	$ 607	$ 1,685	Line 15* Line 14 * segment%
18	Total All Sector Metrics		$ 809	$ 629	$ 809	$ 2,247	Line 16 + Line 17
19	Remaining Peformance Metrics after All Sector Metrics		$ 3,236	$ 2,516	$ 3,236	$ 8,988	Line 14 - Line 18
	Residential						
20	1. MassSAVE/Weatherization: Deeper Savings	60.0%	$ 1,942			$ 1,942	Line 19 * segment %
21	2. MassSAVE/Weatherization: Lost/Marketing Opportunity	40.0%	$ 1,294			$ 1,294	Line 19 * segment %
	Low Income						
22	1. Best Practices Technical Review Sub-committee/New	50.0%		$ 1,258		$ 1,258	Line 19 * segment %
23	2. Multi-Family Building Inventory	50.0%		$ 1,258		$ 1,258	Line 19 * segment %
	Commercial & Industrial						
25	1. Retrofit -- Depth of savings	25.0%			$ 809	$ 809	Line 19 * segment %
26	2. New Construction -- Comprehensiveness and depth of	25.0%			$ 809	$ 809	Line 19 * segment %
27	3. Direct Install Electric and Gas Integration	25.0%			$ 809	$ 809	Line 19 * segment %
28	4. Combined Heat & Power	25.0%			$ 809	$ 809	Line 19 * segment %
29	Total Target Peformance Metrics		$ 4,045	$ 3,145	$ 4,045	$ 11,235	Line 16 + line 17 + Line 20 to 28

2012 Energy Effiency Performance Incentives - New England Gas
2012 Annual Report Results

	Performance Metric Allocation - 2012 Achievement Percentage	Residential	Low Income	C&I	Total	
	All Sector Metrics					
30	1. Financing Metric	125%	125%	125%		Appendix D, Section 2
31	2. Cost-Effiency of Program Expenditures	88%	88%	88%		Appendix D, Section 2
	Residential					Appendix D, Section 2
20	1. MassSAVE/Weatherization: Deeper Savings	125%				Appendix D, Section 2
21	2. MassSAVE/Weatherization: Lost/Marketing Opportunity	100%				Appendix D, Section 2
	Low Income					
22	1. Best Practices Technical Review Sub-committee/New Measures		125%			Appendix D, Section 2
23	2. Multi-Family Building Inventory		125%			Appendix D, Section 2
	Commercial & Industrial					
37	1. Retrofit -- Depth of savings			100%		Appendix D, Section 2
38	2. New Construction -- Comprehensiveness and depth of savings			0%		Appendix D, Section 2
39	3. Direct Install Electric and Gas Integration			0%		Appendix D, Section 2
40	4. Combined Heat & Power			0%		Appendix D, Section 2

	Performance Metric Allocation - 2012 Achievement Value	Residential	Low Income	C&I	Total	
	All Sector Metrics					
41	1. Financing Metric	$ 253	$ 197	$ 253	$ 702	Line 16 * Line 30
42	2. Cost-Effiency of Program Expenditures	$ 534	$ 415	$ 534	$ 1,484	Line 17 * Line 31
	Residential					
20	1. MassSAVE/Weatherization: Deeper Savings	$ 2,427			$ 2,427	Line 20 * Line 32
21	2. MassSAVE/Weatherization: Lost/Marketing Opportunity	$ 1,294			$ 1,294	Line 21 * Line 33
	Low Income					
22	1. Best Practices Technical Review Sub-committee/New Measures		$ 1,573		$ 1,573	Line 22 * Line 34
23	2. Multi-Family Building Inventory		$ 1,573		$ 1,573	Line 23 * Line 35
	Commercial & Industrial					
48	1. Retrofit -- Depth of savings			$ 809	$ 809	Line 25 * Line 37
49	2. New Construction -- Comprehensiveness and depth of savings			$ -	$ -	Line 26 * Line 38
50	3. Direct Install Electric and Gas Integration			$ -	$ -	Line 27 * Line 39
51	4. Combined Heat & Power			$ -	$ -	Line 28 * Line 40
52	Total Performance Metric Achievement Value	$ 4,509	$ 3,757	$ 1,596	$ 9,862	Sum lines 41 to 51
53	Percent of Goal				88%	Line 52 / Line 29

Total Resource Cost Test, Evaluated					Allocation of Performance Metrics				
Customer Sector	**B/C Ratio**	**Net Benefits**	**Benefits**	**Costs (1)**	**All Sector**	**Performance Metrics**	**Savings Incentive**	**Value Incentive**	**Total**
Residential	1.27	$550,717	$2,462,245	$1,929,696	**$ 787**	**$ 3,721**	**$ 19,547**	**$ -**	**$ 24,055**
Residential New Construction & Major Renovations	0.70	-$40,748	$93,383	$134,131					
Residential Heating and Water Heating	1.39	$453,273	$1,609,564	$1,156,291	$489		$12,139	$0	$ 12,628
MassSAVE	0.00	-$75,079	$0	$75,079					
Weatherization Program	1.57	$276,589	$755,549	$478,960	$298	$ 3,721	$7,407	$0	$ 11,427
Multifamily Retrofit	0.06	-$63,319	$3,748	$67,067					
Behavior/Feedback Program	#DIV/0!	$0	$0	$0					
Deep Energy Retrofit	n/a	$0	$0	$0					
Residential Building Practices and Demonstration Program	n/a	$0	$0	$0					
Energy Analysis: Internet Audit Program	n/a	$0	$0	$0					
Community based pilots	n/a	$0	$0	$0					
Workforce Development	n/a	n/a	$0	$793					
Statewide Marketing & Education	n/a	n/a	$0	$4,367					
EEAC Consultants	n/a	n/a	$0	$3,644					
DOER Assessment	n/a	n/a	$0	$9,127					
Sponsorships & Subscriptions	n/a	n/a	$0	$236					
Low Income	**1.14**	**$83,445**	**$546,399**	**$477,362**	**$ 612**	**$ 3,145**	**$ 4,338**	**$ -**	**$ 8,095**
Low-Income Retrofit	1.18	$83,445	$546,399	$462,954	612	$ 3,145	$ 4,338	$ -	**$ 8,095**
Statewide Marketing & Education	n/a	n/a	$0	$2,542					
Low Income Energy Affordability Network Funding	n/a	n/a	$0	$4,418					
DOER Assessment	n/a	n/a	$0	$7,449					
Commercial & Industrial	**2.11**	**$645,100**	**$1,164,446**	**$546,542**	**$ 787**	**$ 809**	**$ 9,244**	**$ -**	**$ 10,840**
C&I New Construction & Major Renovation	1.22	$51,069	$281,604	$230,535	$ 62		$ 732	$ -	$ 794
C&I Retrofit	3.35	$540,233	$763,831	$223,598	$ 659	$ 809	$ 7,741	$ -	$ 9,210
C&I Direct Install	1.81	$53,797	$119,010	$65,213	$ 66		$ 771	$ -	$ 837
Workforce Development	n/a	n/a	$0	$793					
Business Energy Analyzer	n/a	n/a	$0	$0					
Deep Energy Retrofit	n/a	n/a	$0	$0					
Statewide Marketing & Education	n/a	n/a	$0	$13,395					
EEAC Consultants	n/a	n/a	$0	$3,644					
DOER Assessment	n/a	n/a	$0	$9,127					
Sponsorships & Subscriptions	n/a	n/a	$0	$236					
GRAND TOTAL	**1.41**	**$1,182,055**	**$4,173,089**	**$2,953,601**	**$ 2,186**	**$ 7,675**	**$ 33,128**	**$ -**	**$ 42,990**

2012 Energy Effiency Performance Incentives - New England Gas Company
Calculation of the Sector +/- 25% Cap

	Residential	Low Income	C&I	Total
Pre-evaluated Benefits	2,732,102	478,303	1,253,787	4,464,192
Evaluated Benefits	2,462,244	546,399	1,164,446	4,173,089
%	90%	114%	93%	
	no cap	no cap	no cap	
Achieved Benefits	2,462,244	546,399	1,164,446	4,173,089
Planned Benefits	2,796,343	1,119,492	1,530,169	5,446,004
% of Benefits Achieved				77%
Achieved Net Benefits	555,572	77,132	628,744	1,261,448
Planned Net Benefits	1,126,466	621,207	670,579	2,418,252
% of Net Benefits Achieved				52%

2. Metrics

Please see Appendix D, Attachments D-2(a) [residential], D-2(b) [low-income], D-2(c) [C&I], and D-2(d) [all sector] for supporting documentation regarding performance metrics.

Performance Metric Documentation

Residential Metric #1

Deeper Savings:
Mass Save/Weatherization

[Electric & Gas – Statewide]

1. MassSAVE/Weatherization: Deeper Savings {Electric & Gas} – Statewide
New England Gas Company

New England Gas Major Measure Recommendations and Installations

Year	HEAs Delivered	HEAs with Major Measure Recommendations	Jobs Completed	Heating System Rebate	Hot Water Rebate	Weatherization Closure Rate	Closure Rate
2010	235	154	73			31.1%	47.4%
2011	203	176	66	18	13	32.5%	55.1%
2012	241	227	64	54	26	26.6%	63.436%

Notes:
Audits Delivered include full Home Energy Assessments. Special Home Visits are excluded.
Major Measures include Air Sealing and Insulation
Jobs Completed include all jobs installed within the calendar year.
The 2012 analysis period ends on December 31, 2012
Heating System Rebate includes 33 GasNetworks and 21 Early Boiler Replacement rebates

Baseline# of unique customers that received recommended measures-2011		176
(Total # of assessments with recommendations		
Total # that installed major measures-2011		97
2011 Conversion rate		**55.1%**
2012 Conversion Rate-Threshold	7.5%	59.2%
Design	10.0%	60.6%
Exemplary	15.0%	63.38%

Performance Metric Documentation

Residential Metric #2

Lost Opportunity/Market Opportunity:
Mass Save/Weatherization

{Electric & Gas} - Statewide

THE CADMUS GROUP, INC.

Date: **March 30, 2012**

To: **Riley Hastings, NSTAR and Bob Wirtshafter, EEAC**

From: **The Residential Retrofit & Low-Income Evaluation Team**

Re: **HES Lost Opportunity Metric Charrette Discussion Guide**

[*This preface is for reviewers and sponsors; it will not be read to the group]*. The Cadmus Group, Inc. contracted with the Massachusetts program administrators (PAs) and Energy Efficiency Advisory Council (EEAC) to assess how and whether home remodeling contractor services can be effectively integrated with the offerings of the statewide Home Energy Services (HES) Program in a better manner. Should such partnerships be viable, they can be used to enhance program marketing and delivery, and to increase energy savings. The Massachusetts PAs and EEAC will use these contractor insights for program planning and marketing.

The Team will conduct up to 12 charrettes with Massachusetts contractors, being held across the PA service territories. We will segment these groups into three contractor types: roofing contractors, siding contractors and general remodeling contractors. Approximately eight to 10 contractors will attend each of the 12 sessions, for a maximum total of 120 contractors.

This memorandum outlines the charrette objectives and discussion guide. The guide is not intended to be used as a verbatim script, but rather as a conversational framework for open discussion. We kept the guide sparse intentionally to allow flexibility for appropriate follow-up questioning and probing on unforeseen relevant topics.

Objectives

The objectives of the focus groups are to:

- Assess how energy-efficiency improvements fit into current remodeling services.
- Assess contractors' awareness, understanding, and experience with the HES Program.
- Discuss the benefits and drawbacks of contractors being more involved with the program.
- Explore contractors' interest in various options for partnering with the program.
- Identify the most effective ways to leverage remodeler partnerships with the program.

Discussion Guide

[The following content is for group participants].

Warm up (5 minutes)

Thanks for coming today; we are glad you are here and we really appreciate you taking the time to help us out.

As you may remember from the invitation call, we are interested in hearing about your experiences with energy efficiency and residential remodeling projects, and in learning how your services might benefit the statewide Home Energy Services Program, which is part of Mass Save. We are going to talk about a variety of topics for which we want your frank opinions; there are no wrong or right answers.

- **Logistics**:
    - Please turn off any cells phones if you haven't already.
    - [*Let participants know where the bathrooms are located*].
    - We are here to learn your opinions, so remember that there are no right or wrong answers.
- **Duration**: Our discussion will take about 90 minutes.
- **Recording/Confidentiality**: We'll be recording the session today, but I want to assure you this is for internal research purposes only. There are a few observers with me today (indicate to the glass). We're all very interested in what you have to say, but I want you to be confident that your views are confidential and your name will not be attached to any quotes that we may use in our report.
- **Questions**: Any questions before we begin?

Pre-Group Exercise

As you wait for the group discussion to begin, please answer the following questions:

1. When discussing projects with customers, how often does the topic of making their home more energy efficient come up? (Circle one)

Always Sometimes Seldom Never DK

2. How qualified do you feel talking about energy-efficiency options with your customers? (Circle one)

Very Qualified Somewhat Qualified Not Too Qualified Not At All Qualified DK

3. How interested are you in having energy efficiency as one of the services you offer customers? (Circle one)

Very Interested Somewhat Interested Not Too Interested Not At All Interested I Already Do

Introduction (5 minutes)

As we go around the table, please introduce yourself and tell the group about your company, specifically the services provided, size, how long it has been in business, and your role in the company.

Understanding How Contractors Do Business (15 minutes)

Ok, let's start the discussion by talking about how your company does business.

1. Tell me more about a typical job that you do and how it works.
   i) How do you get business? Walk me through the steps you take to get new business.
      (1) Do customers typically get more than one bid for a job?
      (2) How urgent do your jobs tend to be? What portion are urgent and need to be accomplished as soon as possible?
   ii) Once you get a job, how long is it before you begin the work? Does this timeline vary by season? If so, by how much?
   iii) Please think about a typical size job and tell me the steps you take to accomplish the work.
      (1) How long does a typical job take?
      (2) Do you use any subcontractors for part of your work? If so, what subcontractors?

Fitting Energy Efficiency into What Contractors Do (20 minutes)

2. [*Ask them to raise their hands*] How many of you circled (always, sometimes, seldom, never) to the first question about customers asking you about energy efficiency when you are talking with them about potential jobs?
   i) If a customer asked you what it means to have an energy-efficient home, what would you say?
3. [*Ask them to raise their hands*] How many of you circled (very interested, somewhat interested, not too interested, not at all interested) to the third question about how interested are you in having energy efficiency as one of the services you offer to customers?
   i) What services does your company offer that relate to a home's energy efficiency?
      (1) Do you have a working relationship with an insulation contractor or a home performance contractor, with whom you have coordinated in the past?
4. Before being recruited for this session, how many of you had heard of the Mass Save Home Energy Services, or HES, Program?
   i) How did you learn about the Program?
5. How would you describe the HES Program and its services?
6. What impressions, positive or negative, do you have about the Program?
   i) How did you form those impressions?

7. *[Hand out a description of the HES Program; use as needed depending upon the groups knowledge]*. Just so we are all talking about the same Program, here is a description of the HES Program that we can all use.

[Read description]. The Mass Save Home Energy Services Program targets all non-low-income residential customers living in single family houses or multifamily buildings with one to four units. The Program offers free home energy evaluations for participating customers. Through these energy evaluations, technicians identify opportunities for participants to save energy and obtain incentives through a variety of home improvements. Customers also receive free direct install measures such as CFLs, low-flow showerheads, faucet aerators, programmable thermostats, and air sealing. Incentives are offered for the install of recommended upgrades such as additional insulation or new heating systems, water heaters, or refrigerators.

8. Have customers asked you about any aspects of the HES Program?
   i) If so, what do they ask and what do you say?
   ii) Have customers asked you about any other energy-efficiency programs? If so, which ones?
9. Have you referred any customer to the HES Program? *[Read appropriate example for each group: **For siding**—insulate existing wall or add foam to outside of wall; **For roof**—ventilate roof, add foam to roof; **For home improvement**—insulate and seal, install efficient lighting, upgrade heating cooling, repair ductwork]*.
   i) Under what circumstances?
   ii) How about any other energy efficiency programs? Which ones?
10. What feedback, if any, have you gotten from customers about their participation in HES?

Program Interest (20 minutes)

Now that we all have the same description of the HES Program, let's talk about how your company might get involved.

11. First, given what you know, would you be interested in working more closely with the HES Program? Why or why not?
12. Would you be more interested in participating as an installer or as a partner who educates customers on the HES Program and assists them in participating, but does not install the HES measures?
13. What are some potential benefits you could see to participating or partnering for your company?
14. What could be some potential challenges for your business if you were to become more closely affiliated with the HES Program?
    i) How do you think these challenges could be addressed?

(1) Would your company bid on the work recommended by the energy assessment?

(a) Would you or your staff need additional training to bid on this work, such as for insulation and air sealing or HVAC installations?

(b) What kind of training would you need?

(c) If you were offered this training, would you or your staff attend?

(2) If you did not bid on the work, would you coordinate with the home energy assessment and installation contractors?

(a) What do you think that might look like/how might it work?

ii) What could be some potential challenges for your customers if you were to become more closely affiliated with the HES Program? *[Probe about time and process concerns]*.

iii) What will help address these challenges?

Potential Partnership (15 minutes)

16. If you were to partner with the HES Program, how could that work? Let's go back to how your jobs work:

i) When would you mention the Program to customers?

ii) How could the energy assessment requirement be worked in? *[Probe: how long would customers be willing to wait? Would you be interested in attending the assessment? What if an incentive was offered to attend?]*

iii) Who would you work with to install the equipment or insulation? *[Note: this question will focus on the measures that are directly impacted by the work conducted by the type of contractors in the group; e.g., for siding contractors it will focus on wall insulation and air sealing]*.

iv) How would the timing work?

v) What kind of incentive would you need to become a partner in this Program?

Marketing (10 minutes)

17. How do you like to receive information about programs like Mass Save's HES Program? *[Probe: word-of-mouth (e.g., other contractors, customers, wholesalers), e-newsletter or other e-mail from the PA representative, phone call from PA representative, PA marketing, etc.]*.

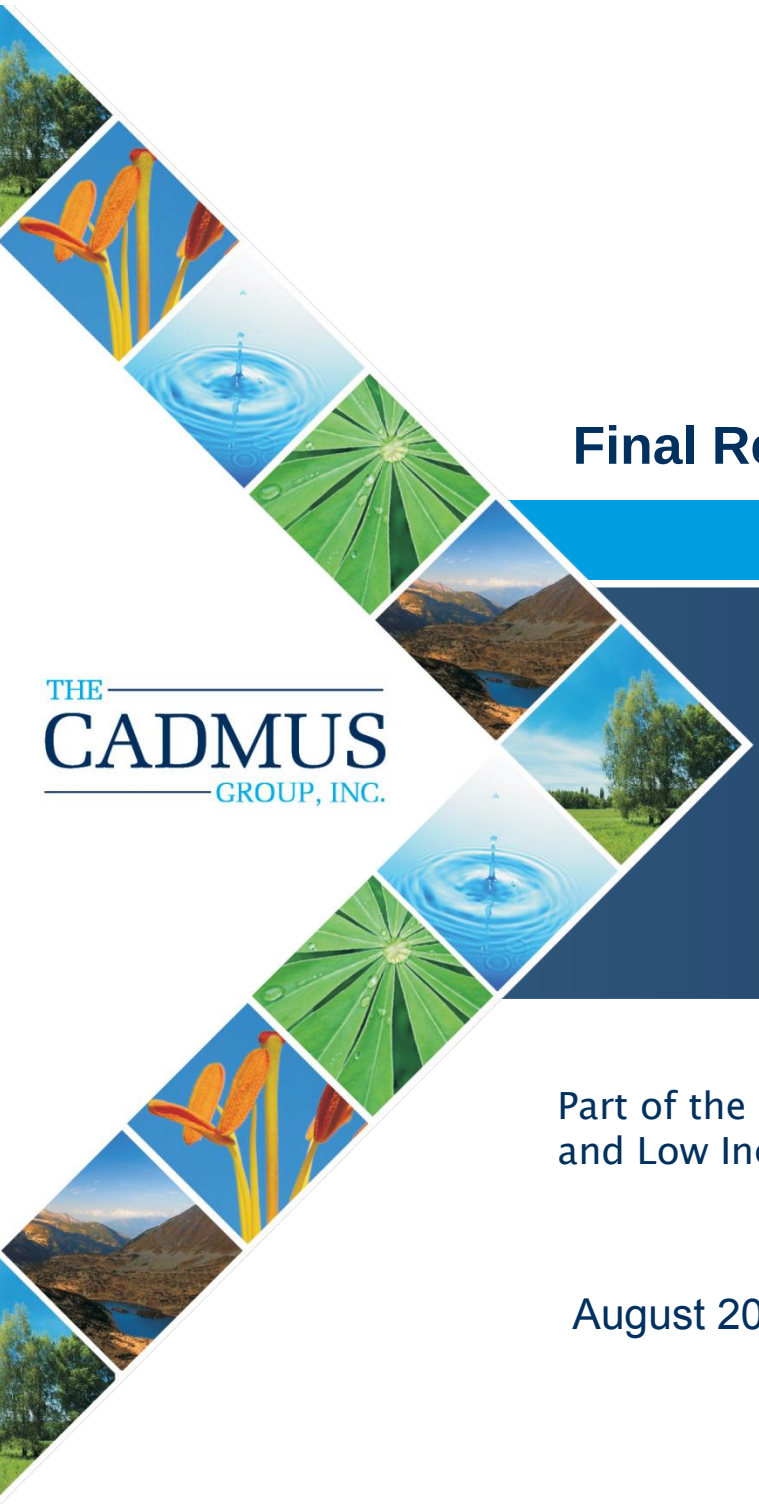
i) What organizations to you belong to that provide you with industry updates?

ii) Is it useful to work with your trade organization on initiatives like this one?

Wrap Up (5 minutes)

18. Before we wrap up, please tell me your best piece of advice for the sponsors of Mass Save's HES Program as they design greater partnerships with contractors. What is the single most important piece of guidance you can give them?

Thank you for sharing your opinions and taking the time to participate in the group discussion today, your input is greatly appreciated. And don't forget to pick up your incentive on your way out.



THE CADMUS GROUP, INC.

Final Report

Home Energy Services: Contractor Charrettes in Support of Lost Opportunity Metric

Part of the Massachusetts Residential Retrofit and Low Income Program Area Evaluation

August 2012

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1. INTRODUCTION

As the first step in their response to the Lost Opportunity metric, the Massachusetts program administrators (PAs)[1] asked The Cadmus Group, Inc. (The Evaluation Team) to explore whether a wider array of home remodeling contractors[2] could effectively be integrated with and enhance the offerings and success of the statewide Home Energy Services (HES) Program.[3] Specifically, the key objectives of The Evaluation Team's research were to:

1. Assess how energy-efficiency fits into the contractors' current remodeling services.
2. Assess contractors' awareness, understanding, and experience with the HES Program.
3. Discuss the benefits and drawbacks of contractors being more involved with the program.
4. Explore contractors' interest in various program partnership options.
5. Identify the most effective ways to leverage remodeler program partnerships.

The Evaluation Team deigned these research objectives to inform the larger purpose of this work, which is to determine the potential of the HES Program using future contractor partnership opportunities as a means to avoid lost opportunities and achieve deeper savings. These contractors would perform re-roofing, re-siding, and/or remodeling services.

As directed by the Lost Opportunity metric, our research included in-person discussions, through charrettes and a small number of supplemental telephone interviews with decision makers from each of three identified contractor segments: roofers, siders, and general remodeling contractors.

The Evaluation Team conducted 12 charrettes in four Massachusetts locations during the week of April 23, 2012: Taunton, Northampton, Leominster, and Waltham. In all, 68 contractors participated in the charrettes. As noted, The Evaluation Team also conducted four telephone interviews to supplement the charrettes in an attempt to achieve the metric goal of engaging six siding, six roofing, and six general remodeling contractors from each PA service territory.[4] In total, 72 contractors were included in this research effort. Table 1 presents total number of contractors by type representing each PA.

---

1 Eight PAs offer the Home Energy Services Program: Berkshire Gas, Cape Light Compact (CLC), Columbia Gas, National Grid, New England Gas, NSTAR, Unitil, and Western Massachusetts Electric Company (WMECO).

2 The Lost Opportunity metric specifically identifies roofing, siding, and general remodeling contractors. In this document, all references to contractors refers to those three contractor segments, not the Independent Installation Contractors (IICs) or Home Performance Contractors (HPCs) that currently serve the program.

3 The MassSave® HES Program targets non-low-income residential customers living in single family houses or multifamily buildings with one to four units. The program offers free home energy evaluations, free direct install measures, and rebates for recommended upgrades.

4 The Evaluation Team met the metric goals for all PAs except Berkshire Gas and CLC. Details regarding The Evaluation Team's efforts to meet this requirement for all PAs are provided in the Methodology section. CLC is a municipal aggregate, not a utility, and did not request the ability to collect performance incentives in the last three-year plan. For this reason, these metrics do not apply to CLC, nor do they have any allocation of money that is directed to CLC. The Evaluation Team still included CLC where possible in this study for the sake of statewide representation and program planning purposes.

Table 1. Total Contractors by Type and PA Representation

Contractor Type	Program Administrator							
	National Grid	NSTAR	Berkshire Gas	WMECO	Unitil	New England Gas	Columbia Gas	Cape Light Compact
Roofing	20	15	5	9	8	6	16	4
Siding	22	19	3	7	11	6	16	4
General	26	22	5	10	12	6	20	4
Overall Total	**68**	**56**	**13**	**26**	**31**	**18**	**52**	**12**

Note: Many contractors who participated in this research worked in more than one PA territory, and are therefore reflected in multiple table cells.

This report presents the key findings, conclusions, and recommendations related to this targeted effort, as well as The Evaluation Team's research methodology and detailed findings. In addition, the appendices include a summary of contractor similarities and differences, as well as the recruitment screener, discussion guide, and a table listing the type and number of contractors who participated in the research, by the interview technique (charrette vs. telephone) and by service territory.

Key Findings and Conclusions

While contractors were initially intrigued by the idea of partnering with or participating in the HES Program, they had difficulty offering detailed feedback regarding the various partnership options presented to them for a number of reasons, including: a lack of program awareness; concerns about a loss of autonomy resulting in loss of work to other contractors and/or less positive experiences for their customers; and concerns about the level of investment in training and equipment that may be required. These concerns overshadowed the initial interest contractors exhibited, and made it difficult for The Evaluation Team to collect specific feedback on potential partnership ideas. Through the charrettes, it became clear that contractors need to be presented with very specific partnership or participation options in order to speak definitively about their interest.

However, based on The Evaluation Team's experience interacting with these contractors—as well as with similar contractors throughout the country—we can offer the following insight into potential partnership opportunities that could minimize any lost opportunities for these contractor segments.

1) General Remodeling Contractors. There is potential for lost opportunities, as their projects tend to be multi-dimensional and may affect many areas of the home where efficiency improvements could be made. These contractors are possibly good candidates for either of the current Home Performance Contractor (HPC) or Independent Installation Contractor (IIC) delivery mechanisms. However, a critical challenge to integrating general contractors is helping them to recognize the value of the program and investing in it as needed to participate.
2) Siding Contractors. There is potential for lost opportunities, although more limited than for the general contractors, as almost every home they side presents an opportunity to improve the wall insulation (only). In general, the siding contractors are most likely to be good candidates for the IIC delivery mechanism. However, a critical challenge to

integrating siding contractors is helping them recognize the value of the program, investing in it as needed to participate, and establishing working relationships with appropriate lead vendors.

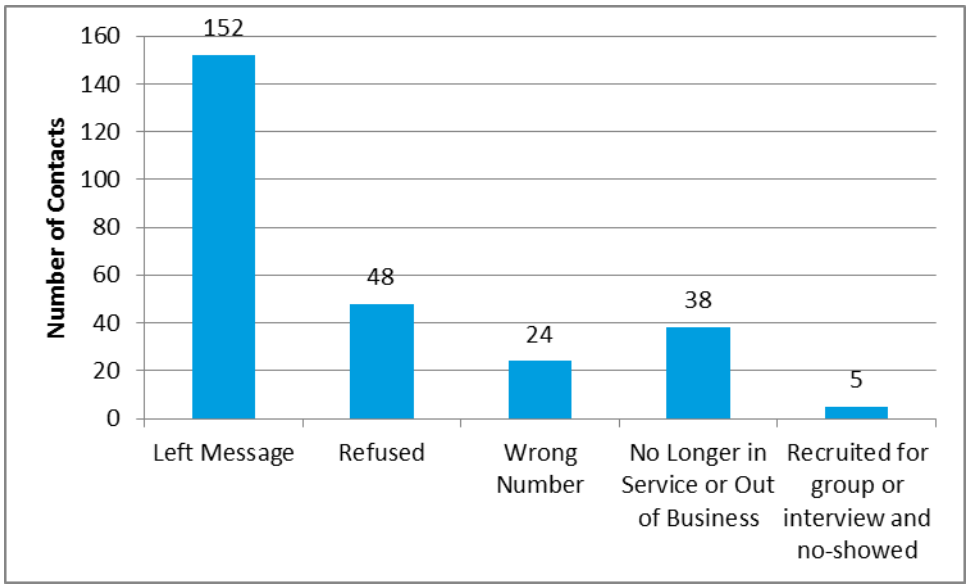
3) Roofing Contractors. There is minimal potential for lost opportunities, since roofing jobs typically only minimally affect the ability to implement energy-efficient measures. These contractors are potential energy-efficiency ambassadors that could help educate customers and increase their awareness of the program. However, the critical challenges to integrating roofing contractors is not only helping them recognize the value of the program, but also to recognize the quality of the work performed by program contractors, while at the same time ensuring that they do not lose the initial work or customer relationship.

The key conclusions outlined below are presented according to the five objectives defined above, and are supported with high-level findings. Greater specificity is provided for each objective in the The Evaluation Team faced the greatest number of challenges in reaching the metric for the Berkshire Gas territory, which had the smallest sample and operates in a rural part of the State.

The sample we used for both the charrettes and phone interviews consisted of contractors within 50 miles of each charrette location. Due to the size and location of the Berkshire Gas territory, the Northampton charrettes were the only ones available to Berkshire's contractors. The resulting sample for Berkshire Gas, which only included contractors within 50 miles of Northampton, totaled 280. This is a very small sample size compared to the other PA territories. For example, National Grid operates in more areas of the State, and had service territory within 50 miles of all four charrette locations. Given their larger service area, National Grid's sample size totaled 1,398.

Due to the small size of the Berkshire Gas sample, the entire sample was called multiple times. Numbers where there was no answer were called 10 times and were left two voicemails, and when possible were sent two e-mails before being designated as exhausted. The disposition results for Berkshire Gas are shown in Figure 1.

Figure 1. Disposition Results for Non-participants in Berkshire Gas



As shown in the figure, of the 280 contractor contacts in the Berkshire Gas sample, 48 refused to participate and were removed from the sample list. Another 38 of the contacts had gone out of business or were no longer in service, and 24 had incorrect contact information that we were unable to correct through research. Five contractors were recruited for a charrette or telephone interview and then did not attend or did not answer their phone.

Berkshire Gas staff also attempted to contact the unresponsive contractors, including those they knew personally, but were refused or were unable to make contact. Despite all efforts during four weeks of calling, the sample was exhausted without fulfilling the metric for the Berkshire Gas territory.

Despite missing the metric target, the participation ratio was higher for Berkshire Gas than for some of the other PAs (**Error! Not a valid bookmark self-reference.**). Looking at the total sample population for each PA and the total number of contractors per PA who attended a charette or completed a phone interview, we can calculate an approximate participation rate for each of the PAs. In doing so, we can see that Although The Evaluation Team did not meet the metric target for Berkshire Gas due to their small sample size, the participation ratio for this PA was consistent with the other PAs.

Table 4. Participation Ratio by PA

PA	Number of Completes (charrette or phone interview)	Total Sample Population	Participation Rate
NSTAR	56	1,119	5.0%
National Grid	68	1,398	4.8%
Berkshire Gas	13	280	4.6%
Unitil	31	670	4.6%
WMECO	26	583	4.4%
New England Gas	18	411	4.3%
Columbia Gas	52	1,382	3.7%
Cape Light Compact	12	405	2.9%

Detailed Findings section.

Although we designed the charrettes to focus on clear segmentation between the three contractor segments, we found overlap between the segments, including the services they offer and their attitudes and dispositions. For summary purposes, the perspectives of all three contractor segments are provided together; however, we outlined these similarities and differences in the The Evaluation Team faced the greatest number of challenges in reaching the metric for the Berkshire Gas territory, which had the smallest sample and operates in a rural part of the State.

The sample we used for both the charrettes and phone interviews consisted of contractors within 50 miles of each charrette location. Due to the size and location of the Berkshire Gas territory, the Northampton charrettes were the only ones available to Berkshire's contractors. The resulting sample for Berkshire Gas, which only included contractors within 50 miles of Northampton, totaled 280. This is a very small sample size compared to the other PA territories. For example, National Grid operates in more areas of the State, and had service territory within 50 miles of all four charrette locations. Given their larger service area, National Grid's sample size totaled 1,398.

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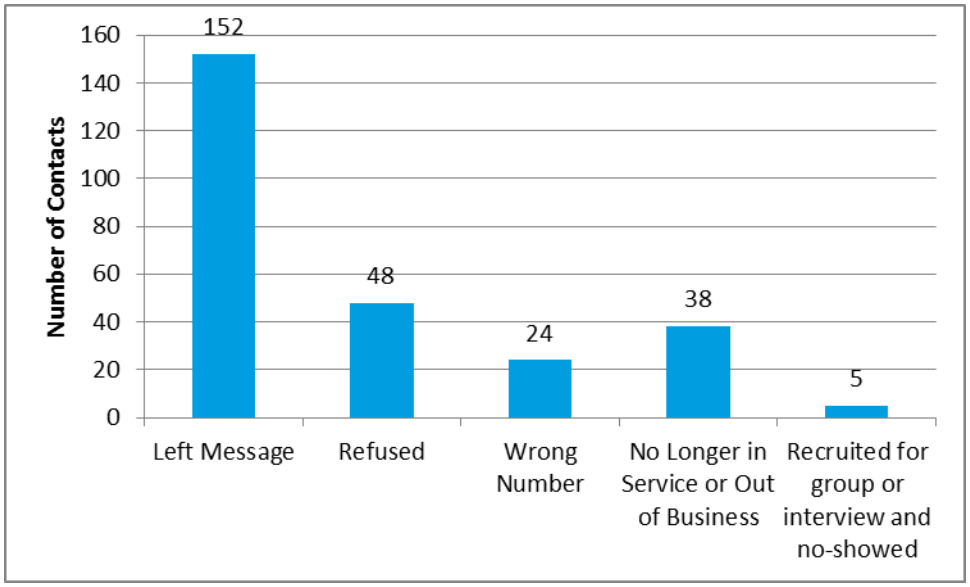

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Berkshire Gas staff also attempted to contact the unresponsive contractors, including those they knew personally, but were refused or were unable to make contact. Despite all efforts during four weeks of calling, the sample was exhausted without fulfilling the metric for the Berkshire Gas territory.

Despite missing the metric target, the participation ratio was higher for Berkshire Gas than for some of the other PAs (**Error! Not a valid bookmark self-reference.**). Looking at the total sample population for each PA and the total number of contractors per PA who attended a charette or completed a phone interview, we can calculate an approximate participation rate for each of the PAs. In doing so, we can see that Although The Evaluation Team did not meet the metric target for Berkshire Gas due to their small sample size, the participation ratio for this PA was consistent with the other PAs.

Table 4. Participation Ratio by PA

PA	Number of Completes (charrette or phone interview)	Total Sample Population	Participation Rate
NSTAR	56	1,119	5.0%
National Grid	68	1,398	4.8%
Berkshire Gas	13	280	4.6%
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WMECO	26	583	4.4%
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Columbia Gas	52	1,382	3.7%
Cape Light Compact	12	405	2.9%

Detailed Findings section, and summarized them in Appendix A.

Research Objective One. Assess How Energy-Efficiency Fits into the Contractors' Current Remodeling Services

Conclusion: *Most of the contractors we spoke with do not currently think about energy efficiency when providing their services. Many did voice an initial interest in offering energy-efficiency services, although the majority are uncertain as to how such services might fit with their existing business model. Thus, the HES Program may be of interest to contractors if it offers them opportunities to become active program partners. However, in order to be successful partners, most of the contractors would need various types of training, such as the Building Performance Institutes' (BPIs) Building Analyst, Envelope, or Heating trainings.*

It was difficult for contractors to speak specifically about how energy-efficiency improvements fit into their current remodeling services. They are supportive of rebates that help customers make energy-efficiency improvements, but have numerous concerns about how involving additional parties in their process might affect their business and customers.

Only a minority of contractors indicated that energy efficiency always comes up when they talk with customers. Only 20 contractors (27%) said they are very qualified to talk with customers about energy efficiency; of those 20, four are general contractors who are highly knowledgeable building science professionals. The majority of contractors had a fairly rudimentary understanding of energy efficiency.

Still, when we initially asked about their interest in offering energy-efficiency services to their customers, the majority of contractors (40, or 56%) reported being very interested in offering such services. However, when asked what energy-efficient services they might provide, the majority of the roofing and siding contractors were unclear what they could offer, and are not interested in expanding their business model. Further detail on their initial interest and the reservations they shared are covered in the The Evaluation Team faced the greatest number of challenges in reaching the metric for the Berkshire Gas territory, which had the smallest sample and operates in a rural part of the State.

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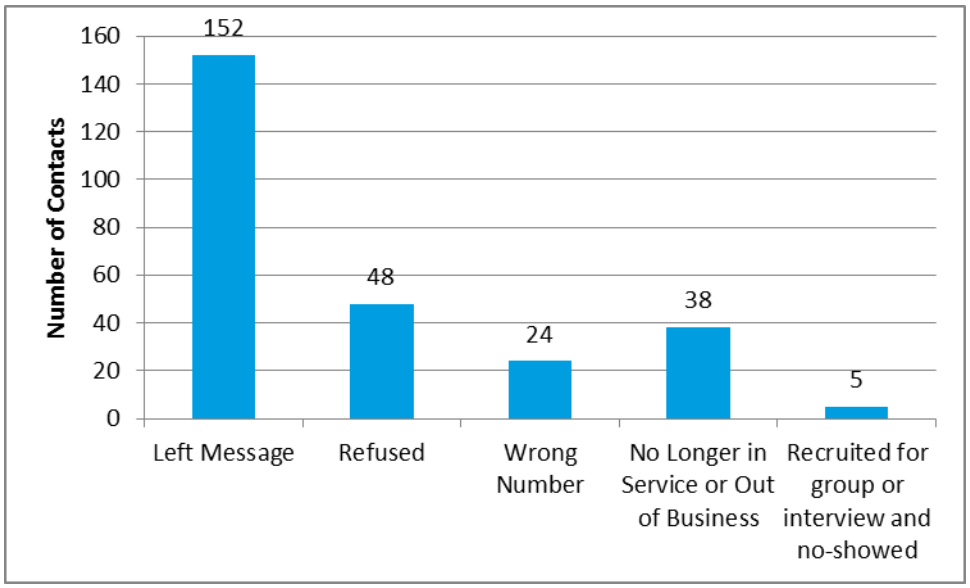

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Detailed Findings section.

Implications: While contractors recognize potential opportunities for their businesses to work with a program like HES, it will take a significant effort to educate them on how HES can be integrated into their business operations without risking having the business services they currently offer going to other contractors or putting their customer relationships at risk.

Research Objective Two: Assess Contractors' Awareness, Understanding, and Experience with the HES Program

Conclusion: *Awareness of the HES Program (by name and after reading a general description) is very low among contractors.*

Before being told any details about the HES Program, only five contractors (7%) said they were very familiar and had experience with the program. While these contractors reported having unfavorable experiences with the program for a variety of unique reasons, they still support the program concept and are open to the possibility of becoming involved. (Full descriptions of their reported experiences are included in the The Evaluation Team faced the greatest number of challenges in reaching the metric for the Berkshire Gas territory, which had the smallest sample and operates in a rural part of the State.

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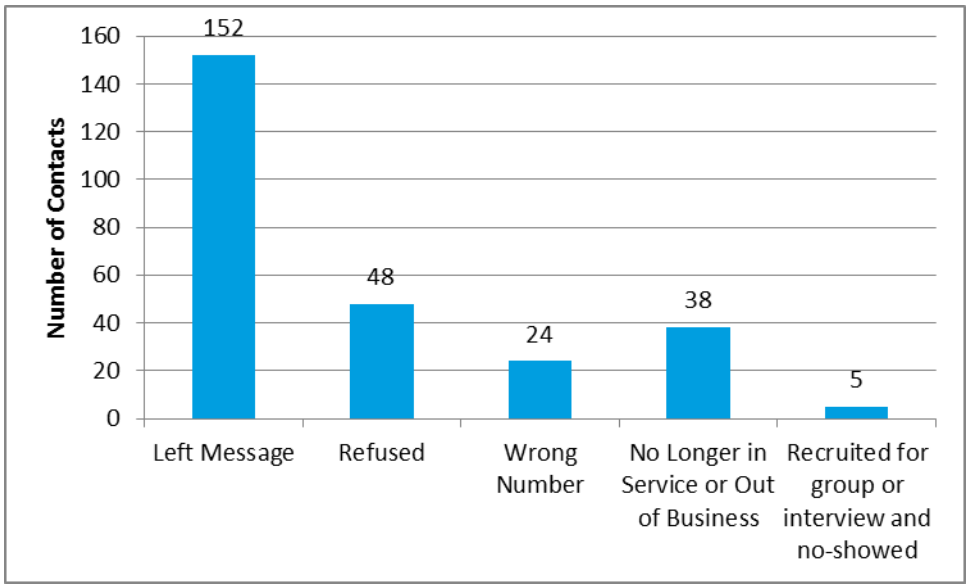

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Detailed Findings section.) The majority of contractors who had low or no familiarity with the program also said they want to know more about the HES Program. This indicates that advancing contractor awareness of the program is a key component to involving them.

Implications: Given the low level of current program awareness, before contactors can be educated, significant effort will be required to generate program awareness and interest. Although this will be challenging, it will also mean that the PAs are not working against the contractors' pre-conceived notions about energy efficiency or the HES Program.

Research Objective Three: Discuss the Benefits and Drawbacks of Contractors Being More Involved with the Program

Conclusion. *It is critical to these contractors that in partnering with the program, they would be confident that qualified installation contractors will serve their customers; that the program will ensure their customers have a good experience while participating; and that the benefits of partnership are clearly defined.*

Although most of the contractors we spoke with are at least tentatively interested in the program and hope that partnering could help them cultivate more work and provide added value for their customers, the majority are unable to clearly see how the program might be beneficial to their business. Their primary concern is how the program might affect their reputations, which they report as central to their success. They reported that to generate business, they rely heavily on maintaining high-quality work, having personal relationships with customers, and word-of-mouth referrals. Contractors also said that when necessary, they refer their customers to trusted colleagues and subcontractors for additional work; therefore, the idea of directing customers to a program—rather than to a specific installation contractor they know and trust—gives them pause. Additional detail on the use of subcontractors is covered in the The Evaluation Team faced the greatest number of challenges in reaching the metric for the Berkshire Gas territory, which had the smallest sample and operates in a rural part of the State.

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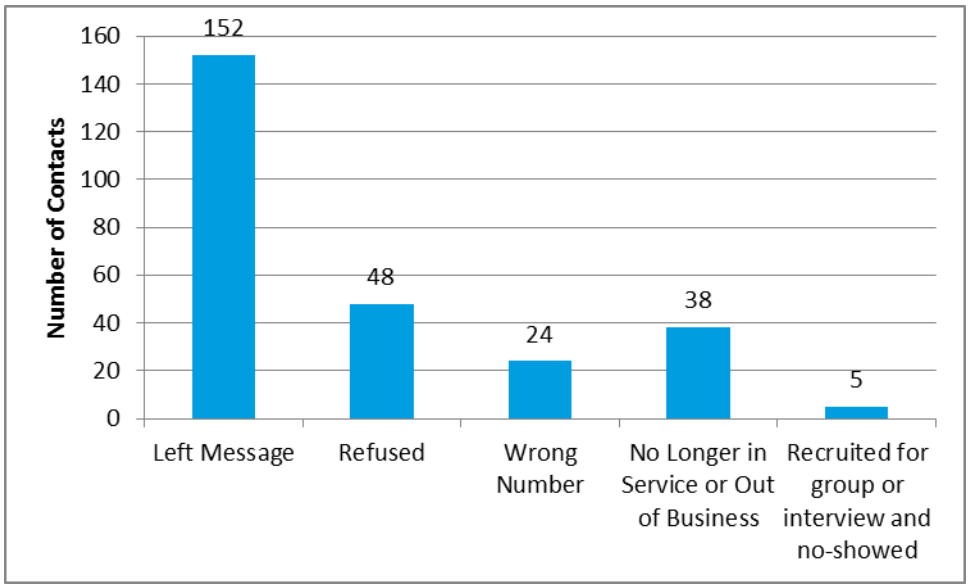

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Detailed Findings section.

The contractors identified two ways that referring customers to the program might negatively affect their reputations: 1) they would be recommending someone they do not know or trust to conduct work at their customers' houses, and 2) the customer may attribute a negative experience to the contractor for recommending the program.

Implications: It would take significant effort to assure contractors that HES could be integrated into their business operations without risking their reputation or their customer relationships. Although contractors recognize potential opportunities for their businesses to work with a program like HES, their reputation and customer relationships are far more important to them.

Research Objective Four: Explore Contractors' Interest in Various Program Partnership Options

Conclusion. *The majority of contractors are not looking to expand their services; however, a few are interested enough to want to know more about how the program works and its benefits.*

The Evaluation Team explored three possible partnering options with contractors during the charrettes: 1) educating and referring customers to the program, 2) becoming an IIC, and 3) becoming a HPC.[5]

Most of the contractors we spoke with are at least somewhat interested in the program as a means to promote and provide their own services. However, the majority are not interested in educating and referring customers, even in exchange for an incentive, especially when they do not know who would conduct the work. In addition, many contractors are concerned about the possibility of risking their original job if they recommended that their customers participate in the HES Program. For example, until the contractor signs a contract with a customer, the program could interfere with the scope or timing of the original job, as the customer might change their mind or reprioritize when faced with numerous energy-efficiency recommendations.

When asked about their interest in an IIC role, contractors indicated being more interested in partnering with the program if they were the preferred contractors who install the recommended measures (which gives them more control over the customers' experiences). However, as the discussion deepened and the contractors realized they would likely need additional training and equipment to perform these services, most indicated not being interested in expanding their current business model.

When asked about the possibility of becoming an HPC, a handful of contractors—mostly general contractors, new contractors, or those from smaller businesses—reported that if it is cost-effective for them to invest in the necessary training and equipment, they might be interested in participating as an HPC. Their motivation for becoming an HPC is that it would provide them the greatest influence on their customers' experiences, and would therefore ensure that their reputation remains intact.

[5] The Evaluation Team developed these options based on results from the first set of charrettes, then used the options in subsequent charrettes to allow contractors to respond to a clear and consistent set of options.

Implications: It is difficult for contractors to fully express their interest in various options without being presented with real life scenarios and definitive answers to specific questions.

Research Objective Five: Identify the Most Effective Ways to Leverage Remodeler Program Partnerships

Conclusion. *Contractors will require reassurance before partnering with the program. While some contractors are interested in learning how to become involved with the program, PAs will need to give substantial effort toward building partnerships with interested non-participating contractors, including convincing them of the legitimate value and high standards of the program (e.g., through presentations from respected and currently participating contractors). It is likely that larger contractors with more varied skill sets and those who are comfortable using subcontractors will be more interested in partnering than contractors from smaller companies with a single business focus. During the charrettes it became clear that many of the general contractors and some of the siding contractors are more plausible partners than roofing contractors. In addition, contractors are much more interested in conducting the work (i.e., as a preferred contractor or, more rarely, as an HPC) than in just referring customers to participate in the program.*

The program planners (PAs and vendors) and contractors have numerous hurdles to overcome before viable partnerships can be forged. The PAs and vendors must work with contractors to make them more aware of the program, how it works, and what skills are needed to partner. In addition, PAs and vendors must more completely define the options for contractor involvement, the requirements for each option, and how those requirements can be met (through training, certification, etc.).

Throughout the planning and implementation process, the program planners need to assure contractors that their reputations will remain intact if they participate in the program. Furthermore, the program planners must determine how to safeguard the contractors' initial projects in order not to threaten the contractors' job security. Finally, contractors must clearly understand how the program benefits them. This might be by providing added value to their customers or as an opportunity to expand their services (the PAs would need to show that investing in training and equipment is cost-effective).

Implications: There are numerous challenges to leveraging contractor program partnerships. Since contractors have little awareness of the program, a significant time and cost would be required to educate them on the program process and provide training on the skill sets necessary to participate in a partnership. With contractors' concerns around their reputation, customer relationships, and job security, program planners would be challenged with addressing these issues and assuring contractors that their reputations and customer relationships would not be damaged, and that the partnership would safeguard contractors' jobs.

Recommendations

The Evaluation Team recommends that the PAs carefully evaluate the costs and benefits of developing the outreach and program design changes necessary to bring additional contractors on board in a partnering role.

By the end of the charrettes, most of the contractors wanted to learn more about the program and how they might benefit; however, in order for contractors to truly comment on whether they are interested in becoming program partners, the PAs will need to create and present a detailed plan to contractors that addresses the issues they raised. If the PAs want to pursue expanding their contractor network, The Evaluation Team offers the following recommendations to help address the identified contractor concerns and develop viable partnership opportunities:

1. Implement a communications and outreach campaign to educate contractors about the program and its benefits.
    a. Consider employing outreach tactics through trusted distributors or suppliers, reliable associations (such as the National Federation of Independent Business), and existing respected and successful participating contractors.
    b. Consider conducting one-on-one outreach, such as personal phone calls or lunch-and-learn events, for interested contractors to talk with program staff and currently participating contractors. This will educate potential partnering contractors, alleviate their concerns, and highlight the program benefits.
2. Establish a strong commitment to building and maintaining long-term relationships with partnering contractors.
    a. Explore best practice, trade-ally programs to inform the development of a formal and robust trade-ally program with distinct and compelling benefits, such as ongoing training workshops, mentoring possibilities, a Web portal, sales and business development tools, co-branding opportunities, and incentives for partnering contractors.
3. Solicit further contractor feedback to identify productive partnership options.
    a. Consider forming a temporary contractor working group to concretely define partnership options. Such a discussion would ensure that the PAs include contactors' input, and it may diminish their concerns regarding the potential risk to their reputations while acknowledging the importance of their customer relationships and job security.
    b. Consider testing pilot partnership and participation models, such as the options presented in the charrettes (i.e., educating and referring customers to the program, becoming an IIC, or becoming an HPC) to fine-tune the partnership options and establish a network of trusted trade allies.

2. METHODOLOGY

The Evaluation Team worked closely with the PAs and the Energy Efficiency Advisory Council to develop a screener for recruiting participants (included as Appendix B) and to develop the charrettes discussion guide (included as Appendix C). We used a full-service research facility to screen all the charrette participants to ensure that they: 1) are a key decision maker in their company, 2) provide one of the targeted services (roofing, siding, or general remodel contracting), 3) work in at least one of the PAs service territories, and 4) are not currently participating in the HES Program. We defined participation as actively promoting the program to customers and helping them secure rebates through the program.

The Evaluation Team held three charrettes with roofing contractors, three with siding contractors, and three with general contractors. We selected locations that would maximize representation across the eight PA service territories. The charrettes were located in Taunton, Northampton, Leominster, and Waltham. In all, 68 contractors participated in the charrettes (and four contractors participated in a discussion with The Evaluation Team over the phone).

Table 2 shows the breakdown of charrettes by location and contractor segment.

Table 2. Charrette Segment Details (n=68)

Segment	Taunton	Northampton	Leominster	Waltham	Total
Roofing	7	5	4	4	**20**
Siding	6	3	6	7	**22**
General	8	4	6	8	**26**

We used the same full-service research facility that screened charrette participants to secure the charrette locations. Due to the rural nature of three of the locations (Taunton, Northampton, and Leominster), we conducted the charrettes in hotel conference rooms. We held the fourth set of charrettes, in Waltham, at a professional research facility. Each group discussed similar questions (the Discussion Guide is included as Appendix C), although the exact wording of questions and the amount of time spent discussing each question varied. Each charrette lasted approximately 90 minutes, and participants received a financial incentive for attending.

Upon completing the charrettes, The Evaluation Team had not met the metric of talking with six contractors from each segment for several of the smaller PA territories. The Evaluation Team conducted four supplemental interviews over the phone in an effort to meet that metric for Berkshire Gas and New England Gas (it was not required that we meet the metric for CLC). Table 3 shows the breakdown of contractor phone interviews by segment.

Table 3. Interview Segment Details (n=4)

Segment	Number of Interviews
Roofing	1
Siding	1
General	2

Recruitment Techniques

Charrettes

The Evaluation Team used every viable tactic to recruit contractors for the charrettes. We started the charrettes recruitment process by having a full-service research facility call a sample list of contractors in all of the PA service territories. Within a few days, it became clear that few contractors were interesting in the opportunity, and many were simply not answering their phones and not returning calls. After five unsuccessful attempts to reach a contractor in the sample, they were flagged as having been exhausted.

Given this challenging situation, The Evaluation Team increased the incentive amount for particularly challenging areas, and began e-mailing contractors, posting flyers, and visiting distributing centers to talk to contractors face-to-face. In our efforts to expand the possible recruitment pool, The Evaluation Team also conducted additional online searches using sites such as Angie's List, and reached out through personal networks to try to recruit contactors through word-of-mouth.

Phone Interviews

To recruit for the phone interviews, The Evaluation Team used the initial call list from the charrettes recruiting efforts, including those flagged as having been exhausted. In an effort to reach all possible contractors, The Evaluation Team expanded the call list to include contractors from online listings. However, these listings were not all up-to-date, and some contractors on the list had recently gone out of business or changed professions.

We conducted calls for four weeks, leaving messages and sending e-mails to those contractors for whom we could find contact information. Again, after five unsuccessful attempts to reach a contractor, they were flagged as having been exhausted. The Evaluation Team made these calls during different times of the day and offered to schedule appointments with contractors at any time they preferred, from early in the morning to late at night. The PAs and The Evaluation Team also used their personal networks to try to reach new contractors who might potentially be willing to join in the research effort.

After four weeks of call attempts, the sample was exhausted, and we had feedback from a total of 72 contractors (68 participated in a charrette and four completed the phone interview).

Recruitment Barriers

The recruitment barriers were similar for both the charrettes and phone interviews, and were most evident in the smaller PA territories. The contractors' typical responses included immediately hanging up, refusing our offer without listening to the explanation, and not responding to our voicemails or e-mail messages.

The sample lists for the smaller territories were limited due to fewer contractors working in those areas. After facing similar responses and barriers, we re-called and re-emailed all the smaller territory contractors who had not responded. We considered increasing the incentive for the phone interview, but several contractors made it clear that they were not interested in participating due to time, not money. After refusing to participate, one contractor stated: "*$75 is*

more than my hourly rate…but my only availability is in the evening and an hour with my wife and kids is worth more than that."

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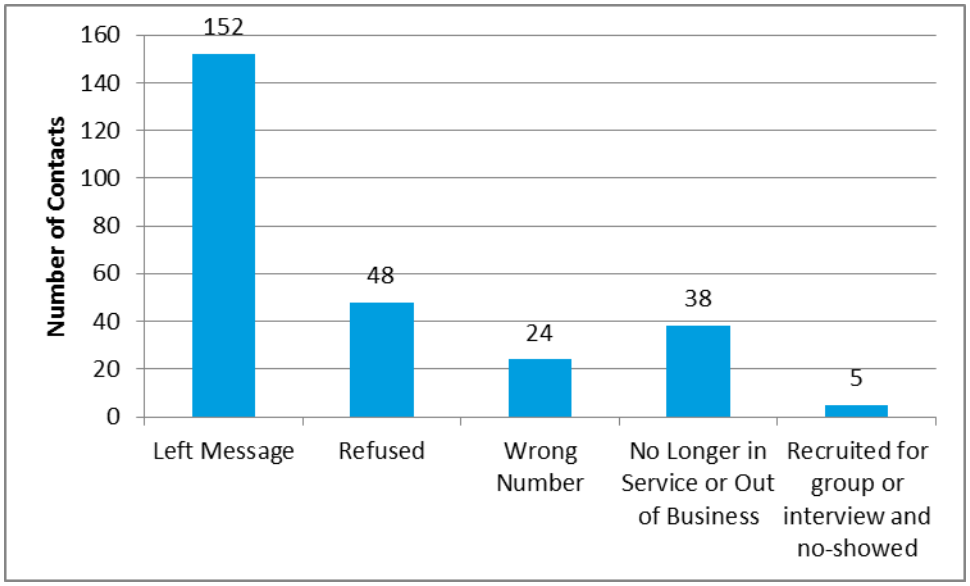

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3. DETAILED FINDINGS

This section presents detailed findings from the charrettes and phone interviews and, where present, highlights the similarities and differences between the three contractor segments. We aggregated the responses collected through the charrettes and phone interviews unless otherwise noted. This section's organization is consistent with the structure of the interview guide, and covers the following topics:

- Participant characteristics
- Fitting energy efficiency into contractors' roles
- Understanding how contractors conduct business
- Interest in the HES Program
- Potential partnerships
- Advice for reaching and influencing contractors

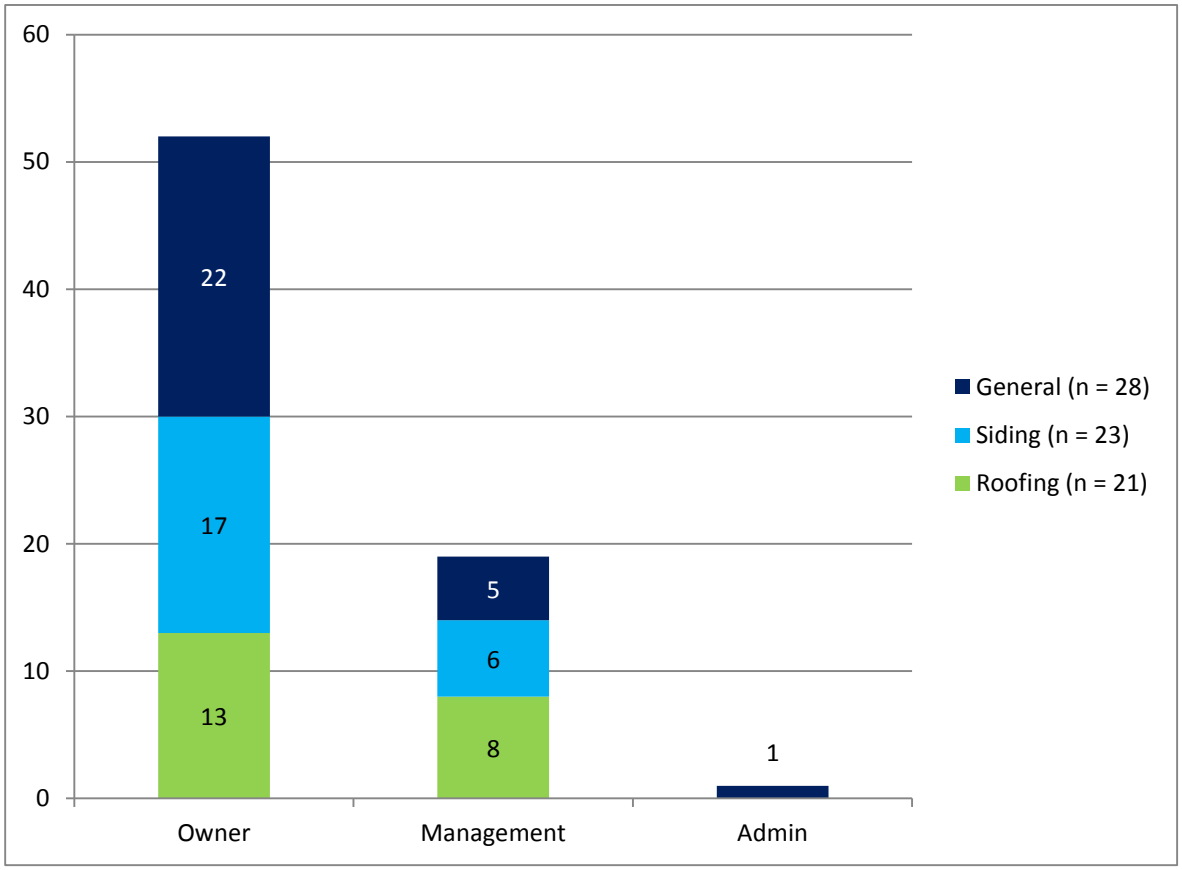
As with all qualitative research, these results are not statistically representative of all roofing, siding, and general contractors. Our goal in reporting these findings is to present balanced and qualitative insights, along with memorable highlights, in order to help the PAs fine-tune their HES Program's contractor partnership strategies.

Participant Characteristics

The majority (52, or 72%) of the contractors reported that they own their respective business. During the discussion and interviews, we asked how long they had been in business, to which most reported over 10 years, with a few reporting much longer (e.g., over 40 years).

Figure 2 shows the breakdown of contractors' roles in their respective businesses by the type of contractor.

Figure 2. Contractors' Roles in Business (n=72)



Although we focused the charrette design on clear segmentation between the contractor segments, we found overlap between the segments. For example, siding contractors often provide services for roofing or insulation work in addition to their primary line of business. Roofing contractors have the least overlap with the other two segments. Therefore, although we do refer to the three segments individually (roofing, siding, and general contractors), there is not always a clear distinction between the services each contractor segment provides.

How Energy Efficiency Fits Into Contractors' Roles

As the contractors waited for the charrette discussion to begin, we asked them to think about typical interactions they have with customers and circle the most appropriate description for the following sentences.

When discussing projects with customers, how often does the topic of making their home more energy efficient come up?

Always *Sometimes* *Seldom* *Never* *Don't Know*

How qualified do you feel talking about energy-efficiency options with your customers?

Very Qualified *Somewhat Qualified* *Not Too Qualified* *Not At All Qualified* *Don't Know*

How interested are you in having energy efficiency as one of the services you offer customers?

Very Interested Somewhat Interested Not Too Interested Not At All Interested I Already Do

The sections below detail their written responses from this exercise and the in-group discussions that followed.

Customer Interest in Having an Energy-Efficient Home

Similarities Across Segments

A minority of contractors (24% overall) reported that energy efficiency always comes up during their project discussion with customers.[6] When we asked what motivates customers' interest in energy efficiency, contractors indicated that saving money on their bills was the primary motivation. This was followed by interest in obtaining a rebate and increasing the comfort in their homes.

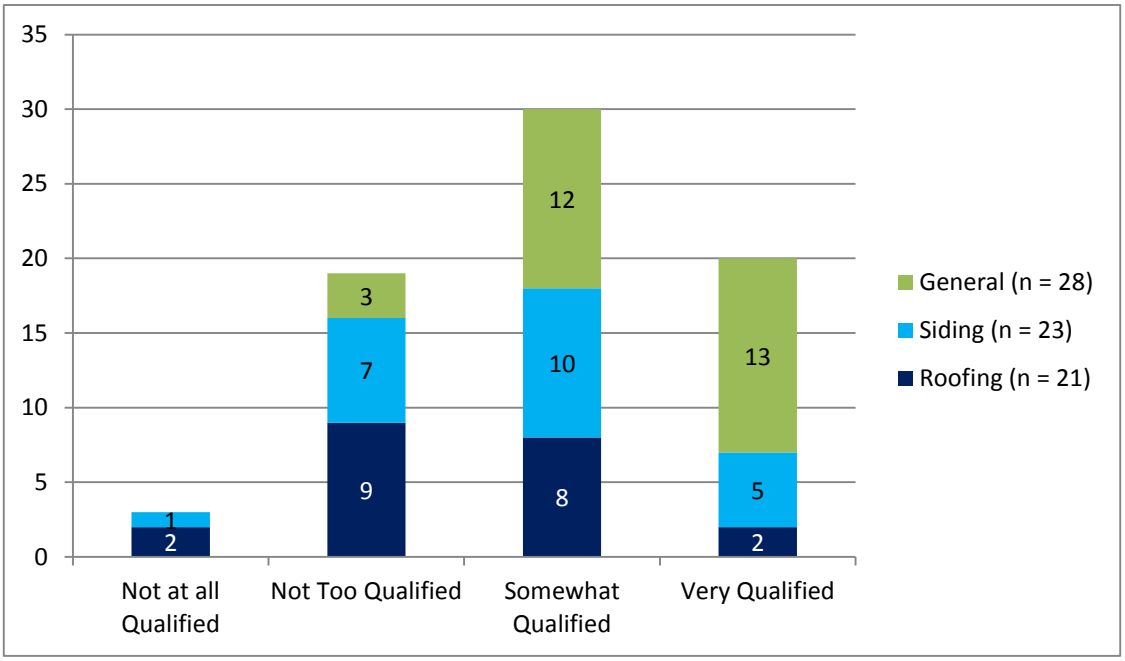
Qualified to Talk About Energy Efficiency

Differences Across Segments

During the pre-group exercise and the following discussions, it was clear that contractors with a wide skillset are more comfortable than contractors with more specialized skills when discussing energy efficiency with their customers, as well as discussing energy efficiency during the charrettes. As illustrated in Figure 3, nearly half of the general contractors (46%, or 13 of 28) reported being very qualified to discuss energy efficiency with customers, whereas only 22% of siding contractors (five of 23) and 10% of roofing contractors (two of 21) indicated being very qualified to discuss energy efficiency.

[6] Seven general contractors (25%), six siding contractors (26%), and four roofing contractors (19%) reported that energy efficiency always comes up during a project discussion.

Figure 3. Level of How Qualified Contractors Feel Discussing Energy Efficiency (n=72)



When we asked what an energy-efficient home includes, the majority of contractors in all three segments mentioned thermal envelope measures as being essential, such as insulation in the walls and attic, air sealing, and proper ventilation. They also mentioned HVAC and energy-efficient appliances, but to a lesser degree.

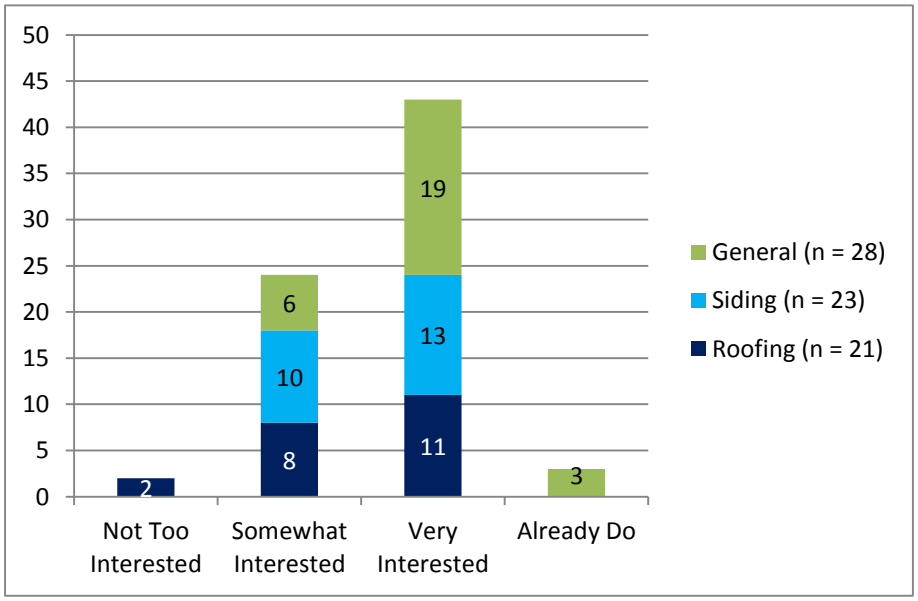
Interest in Providing Energy-Efficiency Services

Similarities Across Segments

When we initially asked if they are interested in providing energy-efficiency services to customers, the majority of contractors (60%, or 43) responded favorable, saying they are very interested (Figure 4). However, the majority of roofing and siding contractors are unclear what energy-efficiency services they might provide, and are not interested in expanding their business model.

Two general contractors indicated that they already provide energy-efficiency services, and that they offer a whole-house approach. One of these general contractors noted that he currently helps his customers determine upgrade opportunities in their home by identifying leaks in the thermal envelope. The other reported that he builds extremely energy-efficient homes and had won the 2009 Net Zero Energy House of the Year award.

Figure 4. Contractors' Interest in Providing Energy-Efficiency Services (n=72)



Understanding How Contractors Conduct Business

To start the charrette discussions, we asked the contractors to tell us how they generate business, whether customers seek numerous bids before securing a contract, how often jobs are urgent, how long a typical job takes to complete after a contract is signed, and whether they use subcontractors. In addition, during the screening process we asked contractors what the biggest barrier is that customers face when considering home improvements.

Generating Business and Number of Project Bids

Similarities Across Segments

The majority of contractors in all three segments reported that their main method for generating business is word-of-mouth. One general contractor said: "*sometimes I go into a neighborhood and might spend a couple of months working."* Several siding and roofing contractors expressed the same sentiment reported by one, who stated that their: "*work speaks for itself."* These contractors noted that nearly all their business comes from referrals or previous clients. One siding contractor summed up his experience by stating: "*it's all about connections and doing a good job.*" Maintaining positive relationships with customers and providing them with high-quality services is clearly essential to generating business.

In addition to word-of-mouth, contractors across all three segments mentioned various combinations of using mailers, door hangers, yard signs, advertising in the yellow pages, online advertising including Angie's list and craigslist, and developing Websites. However, although several contractors are interested in online efforts, at least a few in every group were hesitant about using that approach. One general contractor said: *"[I] don't think online is all what it's made out to be, it's not like talking to a person, they don't really get to know you.*" These contractors reported that building in-person customer relationships is indispensable.

The contractors had a mixed response when we asked if their customers get multiple bids before securing a contract. One general contractor said: "*it's a highly competitive market and many [customers] get three to five bids, but it's not just cost [they care about], they need to trust us."* Contractors who reported having well-established customer relationships also indicated that fewer of their customers get multiple bids, or may only get one additional bid to: "*keep them [the contractor] honest."* These contractors, regardless of segment, reported having long-term customer relationships that result in the customer prioritizing wanting them to conduct the work over looking for a specific price. Less established contractors reported that the number of bids has increased during the past few years due to the tight economy making cost a greater factor in customers' decision making process. Across all segments, contractors most commonly reported that customers receive three to five bids.

Urgency and Length of Jobs

Similarities Across Segments

Contractors agreed that although the majority of their customers feel a sense of urgency about the project at their home, most projects are not truly critical. For example, several siding contractors mentioned customers' viewing a color change in their siding as urgent. However, roofing and siding contractors also noted clear examples of jobs that are indeed urgent. For example, a leaking roof must be fixed as soon as possible (although many roofing contractors mentioned that they can provide a temporary patch for leaks if the customer needs to wait to have their job completed).

The contractors could not identify a typical job length. The timing is completely dependent on the type of job and the number of other jobs already scheduled.

Differences Across Segments

Despite agreement among the contractor segments that there is no typical job length, general contractors reported projects ranging from days to months, whereas roofing and siding contractors reported that they could complete their jobs in one day to a few weeks.

Another difference between the segments is that general contractors reported most of their projects are not urgent, as the majority involve detailed planning and therefore require permits to be pulled and plans to be finalized and approved. One general contractor said: "*it's four to eight weeks of planning and then three months to a year to complete the job, depending on the project.*" All contractor segments still agreed that they prefer not to make their customers wait any longer than absolutely necessary unless it would clearly benefit the customer.

Use of Subcontractors

Similarities Across Segments

Nearly all of the contractors reported using subcontractors, either for a specific skill (e.g., foundation work) or when they need supplemental help with larger projects.

Differences Across Segments

General contractors' commonly listed plumbers, electricians, plasterers, and foundation installers as the type of subcontractors they hire. To a lesser degree, they also mentioned insulation and

HVAC subcontractors. Roofing and siding contractors typically noted using other roofing or siding subcontractors for jobs larger than their crew can handle alone. A few siding contractors mentioned working with insulation subcontractors, as this is a service they do not want to conduct themselves.

Customer Barriers

Similarities Across Segments

Nearly all contractors cited the up-front cost as the most significant barrier to customers pursing home improvements. Lack of information and time/scheduling followed, but to much less of a degree. Only a few noted that finding a trustworthy contractor is a concern, and one siding contractor reported that his customers face no barriers when pursing home improvements.

Interest in the Home Energy Services Program

During the screening process and then again during the charrette or phone discussion, we asked participants if they are familiar with the HES Program and, if so, where they heard about the program and what impressions they have regarding the program. After establishing a common understanding of what the program entails, we asked contractors if they might be interested in pursuing a partnership with the program.

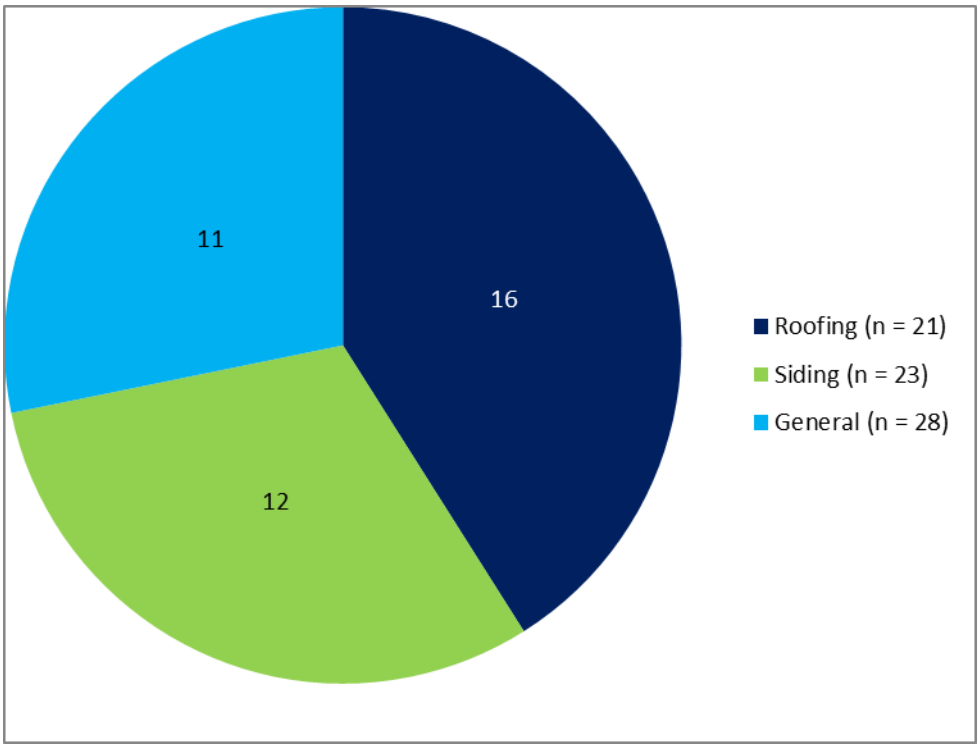
Awareness of the Home Energy Services Program

Similarities Across Segments

The majority (54%, or 39) of contractors in all three segments reported being not too familiar or not at all familiar with the HES Program (Figure 5). In addition, the majority of the 27 contractors (38%) who reported being somewhat familiar with HES were unable to recall where they heard about the program or what it includes. Contractors had the following types of questions about the program:

- Is HES a State-run program?
- Is HES a part of ENERGY STAR®?
- Does HES offer rebates to customers?
- Who installs the recommendations?
- Who will conduct the assessment?
- What does the assessment include?

Figure 5. Breakdown of Contractor Segments Who Are Not Too or Not at All Familiar with HES (n=72)



The six contractors (8%) who reported being very familiar with the program noted they had participated in the program to varying degrees. One general contractor had suggested the program to two of his customers, but those projects turned out to be ineligible. It was unclear whether those customers had received an assessment and the equipment was ineligible, or if the customer themselves were not eligible to receive an assessment.

Upon hearing the program description, two other general contractors, one roofing contractor, and one siding contractor realized they had participated in the program as a customer, although none were at all familiar with the details, each reporting that their wife had signed up for the assessment. The roofing and siding contractors could not remember any specific details or recommendations from the assessment, and the two general contractors indicated that they had not been impressed with the assessment report. One recounted that he lives in a farm house that is over 100 years old, and despite knowing that there were many things that needed attention, he was only given a few CLF light bulbs by the program.

Despite these stories, the general contractor who had initially suggested the program to customers, as well as the two who had received an assessment, said the program is a good idea and can help customers install more energy-efficient equipment. They also said that the program must ensure high quality and provide real value to the customers.

Interest in Program Partnership

Before asking each group about their level of interest in partnering with the HES Program, we presented a brief program description to ensure that everyone had a similar understanding of the

program, program design, and program process. (Appendix C includes the program description we used for this.)

After reading the description, we asked participants if they might be interested in pursuing some type of program partnership. Their reactions (presented below) are high-level, as they did not have any details of what this partnership might entail.

Similarities Across Segments

The majority of contractors in all three segments are at least somewhat interested in partnering with the program. Their key motivation was the possibility of leveraging the program to sell their own services by demonstrating additional value to their customers.

Differences Across Segments

Although some of the roofing and siding contractors are interested in partnering with the program as a means to generate further business, the majority did not clearly understand how their current work fits with the program. One siding contractor stated: "*not many of these thing [referring to the program measures] cross roofing or siding…this is quite separate from what I do.*"

Potential Partnerships

The Evaluation Team directed most of the discussion time to exploring the contractors' thoughts about several possible partnership options. To start this part of the discussion, we asked contractors if they might be interested in educating their customers and referring them to the program. Next, we explored their interest in becoming a preferred or IIC partner, including their willingness to expand their current services. Lastly, we investigated contractors' level of interest in becoming a HPC.

Although testing contractors' interest in the HPC option was not originally scripted in the guide, contractors in all three segments of the first set of charrettes expressed minimal interest in a preferred or IIC partnership, so we explored the HPC partnership option in each of the following charrettes. We also probed their reactions to projects having a fixed price. Furthermore, we investigated what they think is an acceptable waiting period for an energy assessment to be completed without disturbing their work or the customer.

Education and Referrals

Similarities Across Segments

The majority of contractors indicated that they might be willing to promote the program to their customers. However, an essential finding for all three segments was that if they do not conduct the program work themselves, they need to know and trust those who do. One siding contractors said: "*I'm not going to refer [customers to] people I don't know.*" All contractor segments agree that their reputation would be inherently impacted by their customers' experiences with the program; and they are concerned that customers might have a negative experience.

Furthermore, the majority of contractors in all segments expressed concern that by referring a customer to the program, they might lose the original work. Therefore, although some recognize

the program as a possible value add in their sales pitch, most indicated that they would not talk about the program until after a customer had signed a work order or contract.

Although a few contractors would appreciate receiving an incentive for promoting the program, the majority stressed that they would only promote the program if they thought it would add value for their customers. The common bottom line was summed up by a siding contractor who said: "*if it [partnering with the program] goes smooth the first time, I'll keep doing it, and if it's a hassle, I'll drop it.*"

Independent Installation Contractor

Similarities Across Segments

The primary motivation contractors in all three segments reported for becoming an IIC would be to ensure that their customers received quality work, and potentially to generate new business. One siding contractor stated: "*I'd rather do that [install recommended measures] than have someone I don't know do it. They're my customer and I'd rather manage the job.*"

Although the majority of contractors were initially interested in being an IIC, as the discussion deepened most indicated they are not interested in pursuing additional training, buying more equipment, or installing insulation. However, contractors do see a potential competitive advantage to being listed on a preferred contractor list, as long as that list is limited.

Contractors agree that the three barriers to them becoming an IIC are: 1) the cost of time being away from work to complete the training, 2) the initially cost of the training, and 3) the upfront cost of equipment. Although many contractors were not necessarily put off by the first barrier (the time away from work to complete the training), the majority do not think that they would recoup their investment in the initial training and equipment costs, even with new project leads, and prefer to continue with the type of work they do already.

Home Performance Contractor

Differences Across Segments

Most often, contractors in all segments who are younger, newer to their jobs, and/or work at smaller companies are more inclined to be interested in exploring how to become a HPC. When pressed on what they see as the central benefit to pursing these services, they responded that becoming an HPC is a new career path that may help them increase their ability to make a living in these tough economic times. Older and more established contractors in all segments are less interested in expanding their business, even with the poor economy.

Differences Across Segments

As mentioned in the Interest in Program Partnership section, roofing and siding contractors are less inclined to make a connection between their services and the HES Program; and roofing contractors are the least interested segment in becoming an HPC. This was further reflected while discussing the services a HPC provides, in which the majority of roofing contractors and several siding contractors said they are not interested in pursuing additional training or buying the equipment required to become a HPC, even though it would allow them to offer additional

services to their customers. One roofing contractor said: *"it [HPC work] is too far from where I am now…I want to do what I know how to do."*

However, a few contractors, mostly general contractors, are interested in the possibility of expanding their business and creating a new service division for HPC work. As one general contractor reflected to the group: "*I could see working that way [as an HPC] since I could control the outcome."* After discussing the high-level participation requirements (training and equipment), only a handful continued to be interested, and those contractors who remained interested stressed the sentiment of one, who said that: "*the numbers [the cost break-even point] could be a deal breaker."* When asked to elaborate, one general contractor replied that if he was shown that it would pay off financially to invest in the training and equipment, then he might consider becoming an HPC. This attitude was reflected by all of the contractors who expressed potential interest in a HPC partnership.

As an aside, we asked each group if they are familiar with the BPI. Only a few have heard of the BPI, and even fewer (four, or 6%) are BPI trained. These four are all general contractors in Northampton.

Fixed Price

Similarities Across Segments

When we asked what they think about program projects having a fixed price, the majority of contractors expressed very little concern. However, they agreed with one, who said: "*obviously it matters what the fixed price is."* Several contractors from each segment think that a fixed price might ensure that all contractors are following the same guidelines, whereas others are concerned that it might restrict their ability to ensure the quality of services they deliver to their customers, and end up losing them money. The bottom line was that contractors will do whatever it takes to ensure their customers receive top quality work, and if they perceive that the fixed price or any other parameter prevents this from happening, then they would not partner.

Energy Assessment Timing

Similarities Across Segments

Many contractors were initially concerned specifically about whether obtaining the program assessment would hold up the process. One contractor is concerned that the program might "*slow things down…[and]…I need to know I'm really doing my customer a favor.*" However, after further discussion, the majority of contractors in all segments indicated that their customers would be willing to wait a week or two to have the assessment completed if they believe if offers them sufficient value.

Advice for Reaching and Influencing Contractors

To conclude, we asked contractors to identify the most effective way of reaching them with information about energy-efficiency programs. In addition, we solicited their best piece of advice for PAs to encourage contractors such as themselves to partner with the program and increase customer participation.

Preferred Method of Communication

Similarities Across Segments

The majority of contractors we spoke with do not belong to any industry associations. The few that do belong to organizations include the National Federation of Independent Business (NFIB), the Better Business Bureau, Home Builders of Massachusetts, and Northeast Sustainable Energy Association. Those contractors that belong to NFIB noted that they have monthly breakfast meetings, and they spoke quite highly of the association.

Although the contractors reached no clear consensus regarding their preferred methods of communication, either across or within segments, trust was a strong theme for all segments. One siding contractor said: "*I want to sit down and just talk to somebody,"* a sentiment that was echoed by a general contractor during a phone interview. The following are specific outreach tactics suggested by the contractors:

- E-mail
- Direct mail
- Phone call
- Through suppliers and distributers
- PA-sponsored seminar (e.g., breakfast style, lunch-and-learn)

When we asked who they want to receive information from, contractors overwhelmingly indicted wanting to hear from someone they trust. When asked to elaborate, they indicated wanting to hear either from the PA running the program, suppliers and/or distributers they already know, or other contractors who are already program partners.

Best Advice

Similarities Across Segments

As each charrettes came to an end, we asked contractors to offer their best advice or a key take-away for the PAs as they move forward with program development. Contractors from all three segments emphasized the importance of understanding the program details, ensuring their customers receive high quality work, securing their own jobs, and maintaining their reputations. The example quotes below illustrate contractors' best advice for the PAs to consider when developing contractor partnerships:

- "*[I've] got see the results from it [the program]…[I need to] understand what's really going on."* Roofing contractor
- "*Tell me what's my investment and what's my return."* General contractor
- *"I need to know I'm offering value to my customer."* General contractor
- *"I need make sure I keep my work."* Siding contractor

- *"What if they [my customers] hear about the program and they see it's a bigger benefit and don't want [me] to do the roof?"* Roofing contractor
- *"I'd like to talk with a contractor who is already part of the program and find out what it's really like before I participate."* Siding contractor

APPENDIX A. SIMILARITIES & DIFFERENCES ACROSS CONTRACTOR SEGMENTS

Similarities Across Contractor Segments

The three contractor segments (roofing, siding, and general contractors) were similar in many important ways, which are described below and summarized in Table 5.

- The majority of individuals in all three contractor segments initially reported being interested in offering energy-efficiency services to customers, and that their customers are interested in energy efficiency to save money on their utility bills.
- Contractors reported that the upfront cost is the principal barrier to customers' investing in home improvements.
- Overwhelmingly, contractors generate business through word-of-mouth recommendations.
- Contractors agree that most of their customers obtain three to five bids per project. However, contractors also reported that customers with whom they have long, established relationships sometimes do not get bids at all, because they want the contractor they know to complete the work.
- Contractors agree that there is no typical job, either in type or duration.
- Although many customers believe their project to be urgent, the majority of contractors indicated that their customers would wait a week or two to receive an assessment if they believe it adds value.
- Nearly all of the contractors use subcontractors, to varying degrees.
- The majority of contractors are not overly concerned by whether program projects have a fixed price. However, they do want to make sure those prices are sufficient to ensure high quality work and products.
- Although the majority of contractors were not familiar with the HES Program before the charrettes and phone interviews, they are at least somewhat interested in the possibility of a partnership. Contractors are open to promoting the program, but expressed strong concern about referring their customers to a program or to other contractors they do not know or trust. However, the majority of contractors recognize the value of being on a preferred contractor list, although they noted the list would lose its value if too many contractors are included.

- The majority of contractors initially expressed interested in becoming an IIC, although most changed their mind when they discovered it could require additional training and equipment. The majority of contractors are also not interested in pursuing additional training or buying new equipment to become a HPC. However, a few contractors—mostly those who are young, newer to their field, and/or work at smaller companies—did expressed interest if the PAs could show them that the financial gain would justify their initial investment.
- Overall, contractors in all segments reported that they would like to learn more about the HES Program. Many especially like the idea of a lunch-and-learn style event where they could ask questions in person.

Table 5. Similarities Across Contractor Segments

Areas of Similarities	Description
Fitting energy efficiency into contractors' roles	
Customer interest in EE	Contractors reported that the principal drive toward EE for customers is to save money on their energy bills.
Contractor interest in providing EE services	The majority of contractors (40, or 56%) are very interested in offering EE services to their customers.
Understanding how contractors do business	
Generating business	Word-of-mouth is overwhelmingly the most common way that contractors generate business.
Job bids	The majority of contractors reported that their customers received three to five bids per project.
Job urgency	Nearly all contractors reported that their customers feel a sense of urgency to have the contractor start their job.
Job length	Contractors agreed that there is no typical job timeline.
Use of subcontractors	Nearly all contractors use subcontractors.
Customer barriers to home improvements	Contractors agree that the primary customer barrier to home improvements is the upfront cost.
Interest in the HES Program	
HES familiarity	The majority of contractors (44, or 61%) were not too familiar or not at all familiar with the HES Program before the charrettes and phone interviews.
Interest in program partnership	The majority of contractors are at least somewhat interested in a program partnership. Their key motivations include: - Leveraging the program to sell their own services - Providing additional value to their customers
Potential partnership	
Education and referral	The majority of contractors might be willing to promote the program. However, they have little to no interested in receiving incentives for referrals, and they have concerns, including: - They might lose the original job - They do not know or might not trust those who would conduct the work
Preferred contractor list	The majority of contractors are interested in being listed as a preferred contractor.
Independent Installation Contractor	The majority of contractors were initially interested in becoming an IIC, but have concerns regarding the additional training, buying more equipment, and installing insulation.
Home Performance Contractor	Younger and/or newer contractors and those who work at smaller companies are more inclined to explore becoming a HPC. They would need to be shown that the financial investment in training and equipment will pay off.

Areas of Similarities	Description
Reaction to fixed price for HES projects	Contractors agreed that fixed price could "*be a good thing,*" but they would need to know that price to determine if it is reasonable.
Reaction to assessment timing	Contractors agree that customers would likely be willing to wait a week or two for work on their home as long as they see value in the assessment.
Advice for reaching and influencing contractors	
Reaching out	Contractors prefer to receive program information via direct mail, a phone call from the PA, suppliers or distributers, program lunch-and-learns, and via e-mail.
Best advice	Contractors emphasized the importance of: - Understanding the program details - Maintaining their reputation - Securing their jobs

Differences Across Types of Contractors

Although the three contractor segments were very similar, notable differences remained, which are described below and summarized in Table 6.

- General contractors reported higher levels of comfort discussing energy efficiency with their customers than the other two contractor segments.
- Contractors' agree that many customers feel a sense of urgency regarding their project; however, general contractors more often indicated that most of their projects require long-term planning and are therefore not truly urgent.
- Regarding the length of project, roofing and siding contractors noted that they finish a job in one day to a few weeks, whereas general contractors' jobs take weeks to months.
- Although all three segments use subcontractors, roofing and siding contractors tend to use other roofing and siding contractors when committed to a large job; whereas general contractors employ a wider range of subcontractors, including plumbers, electricians, plasterers, and foundation installers. General contractors also mentioned using insulation and HVAC contractors, but not as often.
- Roofing and siding contractors are the least likely to understand a connection between the HES Program and their current services, and are less likely to be interested in exploring how to become an HPC.
- Only a handful of general contractors had heard of the BPI, and even fewer have been trained. No roofing or siding contractors were familiar with the BPI.

Table 6. Differences Across Contractor Segments

Areas of Differences	Description
Fitting energy efficiency into contractors' roles	
Contractors qualified to talk about EE	General contractors reported the highest comfort discussing energy efficiency with customers.
Understanding how contractor do business	
Job urgency	General contractors' projects require more planning and therefore tend not to be as urgent.
Job length	General contractors' jobs range from weeks to month, whereas roofing and siding contractors' jobs range from one day to a few weeks.
Use of subcontractors	When they do use subcontractors, roofing and siding contractors use other roofing and siding contractors for jobs that are too big for their crew, and general contractors use a variety of subcontractors for specific tasks (plumbers, electricians, plasterers, and foundation installers). General contractors also mentioned using insulation and HVAC contractors, but not as often.
Interest in the HES Program	
Interest in program partnership	The majority of roofing and siding contractors do not understand how their current work fits with the program.
Potential partnership	
Home Performance Contractor	Only a few contractors, mostly general contractors, are interested in HPC work.
BPI awareness	Only a few general contractors have heard of the BPI, and even fewer (four) are BPI trained.

APPENDIX B. RECRUITMENT SCREENER

Hello, I'm _____ from Cambridge Focus. I'm calling for MassSave®, the statewide energy-efficiency program, about an important research study it is conducting with **[roofing/siding/general]** contractors in the **[INSERT APPROPRATE LOCATION]** area. *[If needed: Let me assure you we are not trying to sell you anything.]* We are hosting a group discussion in your area for you to give us advice about how MassSave can work with contractors like you to build business opportunities that will help your customers save energy.

If you qualify and are available to participate in a 90-minute discussion on **[insert appropriate date],** you will received a $XXX[7] incentive, as well as **[snacks or dinner - insert as appropriate]** during the discussion. Would this be of interest to you?

[If yes…] To see if you qualify, I'd like to ask you a few questions. This will only take about five minutes. *[Continue on to Q1]*

[If no, check to see if there is a better time to talk. If not…] Your input is very important to us. May we call you back and gather your insight over the phone at a more convenient time? To thank you for your feedback, we are offering a $75 incentive for all completed phone interviews. Would this be of interest to you? *[If yes, collect contact name, phone number, and best time to reach; if no, thank and terminate.]*

1. Which of the following best describes your company's primary business? Are you a…. *[ONLY read a-c]*
    1. Roofing contractor **[Place in the roofing group]**
    2. Siding contractor **[Place in the siding group]**
    3. General contractor **[Continue to Q2]** or something else?
    4. Something else (describe) _____**[Continue to Q2]**

2. **[Skip if Q1 = a or b]** What type of services does your company provide most often?
    1. **[***Specify primary services. If primary services include siding or roofing, determine which they do more often and place them in the appropriate group (if they do both, assign siding, as the sample is most limited there). If primary service is general contracting; place them in the general group.*]

3. Please tell me your job title and briefly describe what you do at your company. *[Use this information to confirm that the respondent is likely to be a key decision maker in their company.]*
    1. Owner – **[Specify responsibilities]**
    2. Manager – **[Specify]**
    3. Technician – **[Specify]**
    4. Other – **[Specify]**

[7] An incentive of $100 was offered initially. In some locations we increased the incentive due to low recruitment rates at the initial incentive level. Incentives were $200 for Fitchburg, $300 for Taunton, and $250 in Northampton.

4. Which of the following describes how involved you are regarding decisions about what services your company provides to your clients?
    1. Very involved
    2. Somewhat involved
    3. Not too involved **[This person does not qualify to participate. Ask them for a referral and contact for a key decision maker (e.g., owner or manager), then thank them and end the call.]**
    4. Not at all involved **[This person does not qualify to participate. Ask them for a referral and contact for a key decision maker (e.g., owner or manager), then thank them and end the call.]**

5. How familiar are you with the Home Energy Services Program that is part of MassSave, the statewide energy-efficiency program?
    1. Very familiar
    2. Somewhat familiar
    3. Not too familiar
    4. Not at all familiar
    5. Don't know

6. **[Skip If Q**5 **= a]** The Home Energy Services Program works with customers to find ways they can save energy, and then offers them incentives or rebates to make their homes more energy efficient, such as by adding insulation or upgrading their HVAC equipment. Does it sound familiar now?
    a. Yes
    b. No/don't know

7. **[Skip if Q6 = b]** Have you ever installed energy-saving improvements in any of your customers' homes and then helped them get an incentive or rebate through the Home Energy Services Program? *[If yes, thank and end call]*

8. What geographic territory or counties does your company serve regularly? *[Read all and clarify as needed; Refer to program administrator service territory and state map as needed]*
    1. Western MA; Counties – Berkshire, Franklin, Hampden, Hampshire **[Northampton Groups]**
    2. Central MA; Counties –Upper West Middlesex, Worcester **[Fitchburg Groups]**
    3. Northeastern MA; Counties –Central South Middlesex, Essex, Suffolk **[Waltham Groups]**
    4. Southeastern MA; Counties – Barnstable (the cape), Bristol, Norfolk, Plymouth **[Taunton Groups]**
    5. Other *[Thank and end call]*

[Please include program administrator territory in respondent profile; quota goal is six of each contractor type for each territory. Reference the attached maps.]

[Q9 and Q10 screen for the respondent's ability to articulate their thoughts. This helps to ensure a good group discussion.]

9. When working with your customers, what do you find are the biggest barriers they face in taking on **[roofing/siding/remodeling]** projects? *[Do not read]*
    1. Upfront cost for customer/limited customer budget
    2. Customer's lack of information
    3. Time/scheduling
    4. Other **[Specify]**

10. In what circumstances, if at all, does energy efficiency come up in your conversations with customers?
    1. They want to save money on their bills
    2. They ask about rebates they can get for making energy-efficiency improvements
    3. They want to be more comfortable in their home
    4. Other **[Specify]**
    5. Energy efficiency doesn't come up in conversations

[Continue if they are a candidate for the group discussion. If their responses are one word answers or if Q10 = 5, they may not be a good fit. Thank them for their responses and end the call.]

Invitation:

As I mentioned, we are hosting a group discussion in your area about how MassSave may be able to help contractors offer their customers new opportunities to save energy. I would like to invite you to participate in this discussion on [**insert appropriate date**]. Again, we are offering a $100 **[$200 for Fitchburg, $300 for Taunton]** incentive, as well as **[snacks or dinner - insert as appropriate]** for those who can join us for the 90-minute discussion. Does this sound like something you could participate in?

[If they agree to group participation] Thank you. The discussion will be no longer than 90 minutes and held at the **[TBD]** on [**insert appropriate date**]. Will **[specify time based on responses and charrette schedule]** work for you?

[If yes, continue. If no…] Your input is very important to us. May we call you back and gather your insight over the phone at a more convenient time? To thank you for your feedback, we are offering a $75 incentive for all completed phone interviews. Would this be of interest to you? ***[If yes, collect contact name, phone number, and best time to reach them; if no thank and terminate.]***

May I get your e-mail address and preferred phone number so I can send a reminder to you when we get closer to the actual date?

Name: _____

Preferred telephone number: _____

E-mail: _____

Date contacted: _____

Please feel free to contact Anna Carvill if you have any questions prior to the discussion: 303-389-2508. Thank you again for your time. We look forward to getting your feedback on the program.

[Provide details about parking in the confirmation message.]

APPENDIX C. DISCUSSION GUIDE

Introduction (5 minutes)

As we go around the table, please introduce yourself and tell the group about your company, specifically the services provided, size, how long it has been in business, and your role in the company.

Understanding How Contractors Do Business (15 minutes)

Ok, let's start the discussion by talking about how your company does business.

1. Tell me more about a typical job that you do and how it works.

   i) How do you get business? Walk me through the steps you take to get new business.

      (1) Do customers typically get more than one bid for a job?

      (2) How urgent do your jobs tend to be? What portion are urgent and need to be accomplished as soon as possible?

   ii) Once you get a job, how long is it before you begin the work? Does this timeline vary by season? If so, by how much?

   iii) Please think about a typical size job and tell me the steps you take to accomplish the work.

      (1) How long does a typical job take?

      (2) Do you use any subcontractors for part of your work? If so, what subcontractors?

Fitting Energy Efficiency into What Contractors Do (20 minutes)

2. [*Ask them to raise their hands*] How many of you circled (always, sometimes, seldom, never) to the first question about customers asking you about energy efficiency when you are talking with them about potential jobs?

   i) If a customer asked you what it means to have an energy-efficient home, what would you say?

3. [*Ask them to raise their hands*] How many of you circled (very interested, somewhat interested, not too interested, not at all interested) to the third question about how interested you are in having energy efficiency as one of the services you offer to customers?

   i) What services does your company offer that relate to a home's energy efficiency?

ii) Do you have a working relationship with an insulation contractor or a home performance contractor, with whom you have coordinated in the past?

4. Before being recruited for this session, how many of you had heard of the MassSave Home Energy Services, or HES, Program?

   i) How did you learn about the program?

5. How would you describe the HES Program and its services?

6. What impressions, positive or negative, do you have about the program?

   i) How did you form those impressions?

7. *[Hand out a description of the HES Program; use as needed depending upon the groups knowledge]*. Just so we are all talking about the same program, here is a description of the HES Program that we can all use.

[Read description]. The MassSave Home Energy Services Program targets all non-low-income residential customers living in single family houses or multifamily buildings with one to four units. The program offers free home energy evaluations for participating customers. Through these energy evaluations, technicians identify opportunities for participants to save energy and obtain incentives through a variety of home improvements. Customers also receive free direct install measures such as CFLs, low-flow showerheads, faucet aerators, programmable thermostats, and air sealing. Incentives are offered for the install of recommended upgrades, such as additional insulation, new heating systems, new water heaters, or new refrigerators.

8. Have customers asked you about any aspects of the HES Program?

   i) If so, what do they ask and what do you say?

   ii) Have customers asked you about any other energy-efficiency programs? If so, which ones?

9. Have you referred any customer to the HES Program? *[Program benefits include the following: **For siding**—insulate existing wall or add foam to outside of wall; seal wall joints before adding siding. **For roofing**—ventilate roof, add foam to roof; build secondary ceiling to enclose ductwork. **For home improvements**—insulate and seal, install efficient lighting, upgrade heating cooling, repair ductwork]*.

   i) Under what circumstances?

   ii) How about any other energy efficiency programs? Which ones?

10. What feedback, if any, have you gotten from customers about their participation in HES?

Program Interest (20 minutes)

Now that we all have the same description of the HES Program, let's talk about how your company might get involved.

11. First, given what you know, would you be interested in working more closely with the HES Program? Why or why not?

12. Would you be more interested in participating as an installer or as a partner who educates customers on the HES Program and assists them in participating, but does not install the HES measures?

13. What are some potential benefits you could see to participating or partnering for your company?

14. What could be some potential challenges for your business if you were to become more closely affiliated with the HES Program?

    i) How do you think these challenges could be addressed?

    ii) Would your company be interested in the work recommended by the energy assessment?

        (1) Would you or your staff need additional training or licensing to conduct this work, such as for insulation and air sealing or HVAC installations?

        (2) What kind of training would you need?

        (3) If you were offered this training, would you or your staff attend?

    iii) If you are not interested in the work, would you be interested in coordinating with the home energy assessment and installation contractors?

        (1) What do you think that might look like/how might it work?

    ii) What could be some potential challenges for your customers if you were to become more closely affiliated with the HES Program? *[Probe about time and process concerns]*.

    iii) What will help address these challenges?

Potential Partnership (15 minutes)

16. If you were to partner with the HES Program, how could that work? [*If needed: Involvement may range from a finder's fee, to assessments, to installation work.*]

Let's go back to how your jobs work:

i) When would you mention the program to customers?

ii) How could the energy assessment requirement be worked in? *[Probe: how long would customers be willing to wait? Would you be interested in attending the assessment? What if an incentive was offered to attend?]*

iii) Who would you work with to install the equipment or insulation? *[Note: this question will focus on the measures that are directly impacted by the work conducted by the type of contractors in the group; e.g., for siding contractors it will focus on wall insulation and air sealing]*.

iv) How would the timing work?

v) What kind of incentive would you need to become a partner in this program?

Marketing (10 minutes)

17. How do you like to receive information about programs like MassSave's HES Program? *[Probe: word-of-mouth (e.g., other contractors, customers, wholesalers), e-newsletter or other e-mail from the PA representative, phone call from PA representative, PA marketing, etc.]*.

    i) What organizations to you belong to that provide you with industry updates?

    ii) Is it useful to work with your trade organization on initiatives like this one?

Wrap Up (5 minutes)

18. Before we wrap up, please tell me your best piece of advice for the sponsors of Mass Save's HES Program as they design greater partnerships with contractors. What is the single most important piece of guidance you can give them?

Thank you for sharing your opinions and taking the time to participate in the group discussion today, your input is greatly appreciated. And don't forget to pick up your incentive on your way out.

APPENDIX D. COMPLETIONS BY PROGRAM ADMINISTRATOR & CONTRACT SEGMENT

Table 5.Charrette and Phone Interview Completions by Program Administrator

	Program Administrator							
	National Grid	NSTAR	Berkshire Gas	WMECO	Unitil	New England Gas	Columbia Gas	Cape Light Compact
Charrettes								
Taunton								
Roofing	7	7	0	0	0	5	7	4
Siding	6	6	0	0	0	5	6	4
General	8	8	0	0	0	5	8	4
Northampton								
Roofing	5	0	5	5	0	0	5	0
Siding	3	0	3	3	0	0	2	0
General	4	0	4	4	0	0	4	0
Leominster								
Roofing	4	4	0	4	4	0	4	0
Siding	6	6	0	4	6	0	4	0
General	6	6	0	6	6	0	6	0
Waltham								
Roofing	4	4	0	0	4	0	0	0
Siding	7	7	0	0	5	0	4	0
General	8	8	0	0	6	0	2	0
Total Charrette Representation	**68**	**56**	**12**	**26**	**31**	**16**	**52**	**12**
Phone Interviews								
Roofing	N/A	N/A	0	N/A	N/A	1	N/A	N/A
Siding	N/A	N/A	0	N/A	N/A	1	N/A	N/A
General	N/A	N/A	1	N/A	N/A	1	N/A	N/A
Total Phone Representation	**N/A**	**N/A**	**1**	**N/A**	**N/A**	**3**	**N/A**	**N/A**
Totals								
Roofing	20	15	5	9	8	6	16	4
Siding	22	19	3	7	11	6	16	4
General	26	22	5	10	12	6	20	4
Overall Total	**68**	**56**	**13**	**26**	**31**	**18**	**52**	**12**

MEMO

TO: Energy Efficiency Advisory Council (EEAC) Consultants

FROM: Massachusetts Program Administrators (PA**)**

DATE: August 30, 2012

SUBJECT: Design Level Submission of Lost Opportunity/Market Opportunity Metric: Strategic Industry Partnership Plan

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Lost Opportunity/Market Opportunity

2. Mass Save®/Weatherization: {Electric & Gas} – Statewide	
Threshold	PA's to explore the potential for leveraging existing market opportunities and integration of home improvement projects with the Massachusetts home remodeling contractor community and affiliated industry associations. Specifically, each PA to conduct formal interviews (e.g., face to face, mini-charette's) with a minimum of 6-local Roofing, 6-Siding, and 6-Remodeling contractors within their respective territories. The purpose of these interviews is to determine the potential of future partnership opportunities with the Mass Save Home Energy Services Program as a means to avoid lost opportunities and achieve deeper savings when these contractors are performing re-roofing, re-siding, and/or remodeling services. PA's will develop a common statewide interview guide to be shared with the EEAC consultants by March 15, 2012. Contractor interviews to be conducted by June 30, 2012. Each PA to submit documentation showing performance relative to targets.
Design	PA's will submit a statewide summary report that includes interview findings, number of contractor and industry association interviews conducted, and a strategic industry partnership plan to the EEAC consultants no later than August 30, 2012. Each PA to submit documentation of performance relative to task, including how strategic industry partnership plan will provide benefits in its specific service area.
Exemplary	PA's to develop a specific statewide residential initiative (e.g., rebate or incentive based structure) focused on the integration of home improvements opportunities and projects with the Mass Save Home Energy Services program. Design of the proposed initiative to be completed by October 1, 2012 with expected 2013 Mass Save Home Energy Services Program integration by the end of 1st quarter 2013. In addition, each PA to submit a memo to EEAC consultants and DOER by February 15, 2013 detailing their distinct and clear role in accomplishing this activity and the roll out of the initiative in its service area

Overview

In order to satisfy the Design level of the "Lost Opportunity/Market Opportunity" Metric, along with the submittal of the statewide summary report, the PAs explored the potential for a Strategic Industry Partnership Plan with roofing, siding and general contractors. The PAs drew upon the conclusions made from the home remodeler contractor charrettes in an attempt to address any barriers to these contractors' participation or involvement in the Mass Save® Home Energy Services (HES) Program and develop an executable plan to reach more customers by leveraging this existing workforce.

To support this metric, 12 contractor charrettes were held across the state to research five key objectives to better understand how home remodeling contractors could be effectively integrated into the (HES) Program. Despite an incentive offering to contractors, the Evaluation group had difficulties recruiting contractors to participate in the charettes. Contractor feedback and the summary results from the evaluation report (*Home Energy Services Contractor Charrettes in Support of Lost Opportunity Metric*) reflected that same reluctance. The five objectives discussed were as follows:

1. Assess how energy-efficiency fits into the contractors' current remodeling services
2. Assess contractors' awareness, understanding, and experience with the HES Program
3. Discuss the benefits and drawbacks of contractors being more involved with the program
4. Explore contractors' interest in various program partnership options
5. Identity the most effective ways to leverage remodeler program partnerships

The summary report findings concluded that it would be challenging and require a significant effort for the PAs to educate home remodeling contractors regarding how the HES program can be integrated into their business model and the associated benefits. Contractors are also concerned about the risk this integration would have on their current operations and customer relationships. Some of the other contractor barriers to participation noted in the report included:

- Loss of original contract due to program delays or a program contractor
- Existing participating contractors potentially damaging reputation
- Partnership benefits need to be clearly defined
- Customer experience/delays

Strategic Industry Partnership Plan

The PA developed Strategic Industry Partnership Plan aims to explore ways to integrate home remodeler contractors into the HES Program while mitigating some of the existing barriers in order to leverage this workforce and better penetrate the market. The report noted that there were more partnership opportunities for general contractors and siding contractors to participate in the program. Therefore, the PAs will not focus their efforts on incorporating roofing-only contractors. The efforts will be focused on working with siding contractors and general contractors. In order to achieve this integration plan with the appropriate contractor market, the PAs plan to do the following:

- Explore opportunities to reach out to existing contractor networks, affiliations and/or associations in order to gauge interest in potential partnerships and gather contacts to send partnership plan information.
- Inquire within the current participating contractor network to quantify the number of contractors already offering customers home remodeling services (siding, general contracting) in addition to weatherization work.
- Explore potential strategies existing participating multi-service contractors use to integrate all of their remodeling services with the HES program. Investigate the typical service overlaps that exist and how contractors utilize the overlaps to promote services.
- Review existing participating contractor strategies to market weatherization services to home remodeling customers and develop aspects of the plan based on this feedback.
- PAs will also review the contractors' barriers to participate to determine potential mitigation strategies.
- Develop potential strategy to connect existing participating contractors in the Mass Save network with new general contractors in order to build contractor partnerships.
- Explore opportunities to communicate the Strategic Industry Partnership Plan across the various Mass Save Programs.
- Once the Strategic Industry Partnership Plan is finalized, the PAs will investigate the potential of a large scale roll out to all eligible non-participating home remodeler contractors.

Despite the level of difficulty and challenges noted in the report of gaining home remodeler contractors' participation in the Mass Save Home Energy Services Program, the PAs are committed to expanding the network of eligible and qualified contractors to participate in the HES program. The PAs will continue to explore the details of the Strategic Industry Partnership Plan in order to integrate additional building trade contractors into the program and continue to reach and serve a broad range of customers with energy efficiency services.

Performance Metric Documentation

Low Income Metric #1

Best Practices Program Strategies Research
&
Technical Review of Potential New Measures

[Electric & Gas – Statewide]

TO:	Massachusetts Energy Efficiency Advisory Council
FROM:	Berkshire Gas Company, Columbia Gas of Massachusetts, National Grid, New England Gas Company, NSTAR Electric & Gas, Unitil Service Corporation, and Western Massachusetts Electric Company
CC:	Massachusetts Low Income Energy Affordability Network
DATE:	March 13, 2013
RE:	2012 Low Income Metric One New Measures – Results and Findings

In accordance with the 2012 Low Income Metric One: Best Practices Program Strategies Research & Technical Review of Potential New Measures, this memo documents the results and findings as well as performance by the PAs regarding the new measures reviewed by the Low Income Best Practices Working Group in 2012.

***Exemplary** –In a memo to EEAC consultants by April 1, 2013, each PA will document results and findings, including savings and feasibility. Each PA to submit documentation showing its performance relative to targets.*

In 2012, the following measures were reviewed for possible inclusion within the Low Income program: Heat Pump Water Heaters, Direct-Vent Fireplace, Make-Up Air Units, High Efficiency Clothes Washer in MF, Bi-Level Stairwell Lighting Controls, Photocells, Occupancy Sensors, Duct Repair, Combined Heat & Hot Waters in MF, High Efficiency Dehumidifiers, Philips Endura LED 12.5W A19 Bulb, Philips Endura LED 8W A19 Bulb, Solar Domestic Hot Water, High Efficiency Room AC Unit, Higher Tiered Heating and Water Heating Products, MF Steam Distribution System Replacement, Behavior-Based (GoundedPower), and Aerogel.

Measures deemed cost-effective:

The new measures that were referred to the Common Assumptions Group, passed cost-effective screening, and are now included within the standard program offering, subject to PA specific budget impacts include Heat Pump Water Heaters, High Efficiency Clothes Washers in Multi-Families, Bi-Level Stairwell Lighting Controls in Multi-Families, Photocells in Multi-Families, Occupancy Sensors in Multi-Families, Duct Repair, Philips Endura 12.5 W A19 LED Bulb, and Philips Endura 8W A19 LED Bulb.

1. Heat Pump Water Heaters:
   - Heat Pump Water Heaters (HPWH) use electricity to move heat from one place to another instead of generating heat directly. Therefore, they can be two to three times more energy efficient than conventional electric resistance water heaters. The Heat Pump Water Heater was brought to the field, implemented and included within the standard program measure offering for NSTAR, National Grid and WMECo in January 2012. HPWHs were approved for replacement of an electric resistant water heater in a home that is heated by gas only as homes heated by oil were found not to be cost effective. HPWHs require specific criteria for proper installation due to the additional height, weight, required air volume, and clearance requirements as compared to an electric resistance water heater. To operate efficiently, a HPWH must be

able to extract sufficient energy from the surrounding air, and the energy available in the air is a function of the temperature of the air (at least 50-55ºF for most of the year) as well as the volume of the air available (the size of the space ranges from 500-1,000 cubic foot depending on the model used).

- In researching potential installation opportunities in 2012, NSTAR had only a few homeowners that were interested in the HPWH within our territory that had gas heat with an electric hot water heater. However, of those homeowners that were interested, they did not qualify because their basements did not meet the size specification required for installation. NSTAR will continue to offer the HPWH as a measure within the program and install within homes that match the specified installation requirements as they are uncovered.

- National Grid had one 50 Gallon Heat Pump Water Heater installation in 2012 with annual savings of 1,817 kWh. National Grid will also continue to offer the HPWH as a measure within the program.

- WMECo's community action agencies identified and assessed potential homes and determined if the homes met the usage, installation criteria and if the homeowners were willing to maintain the units so that they would remain in service. A unit would not be appropriate if the homeowners were not interested in the technology, their basements did not meet the size specification required for installation or their specific family needs required electric resistance water heating. WMECo installed one 80 gallon heat pump hot water unit in 2012 with annual savings of 2,712 kWh and will continue to offer the HPWH as a measure in the low income 1-4 family program.

2. <u>High Efficiency Clothes Washers in multi-family buildings</u>
   - The High Efficiency Clothes Washer that was reviewed was an ENERGY STAR Clothes Washer MEF (Modified Energy Factor) =2.0, WF (Water Factor) =6.0 installed with use of an existing Electric Dryer in Multi-Family buildings. This measure was brought to the field, implemented and included within the standard program measure offering for NSTAR, National Grid and WMECo in February 2012. According to the specifications as set forth by the Common Assumption Group, the approval for use of this measure was extremely restrictive and called for the installation of a new, non-coin operated ENERGY STAR rate clothes washer MEF=2.0 with an existing electric dryer WF=6.0 with a gas or electric water heater.

   - Within NSTAR's territory, the majority of clothes washers used within multi-family facilities are in fact coin operated. Additionally, of the few non-coin operated clothes washers found within multi-family facilities that were eligible for replacement, the existing electric dryer also needed to be replaced which therefore excluded those facilities as per the specifications of use. NSTAR will continue to offer the High Efficiency Clothes Washer in multi-

family buildings with an existing dryer as a measure within the program and install within multi-family facilities that match the specified installation requirements as they are uncovered.

- There were no applications found in National Grid's territory in which this measure was appropriate for installation in 2012. National Grid will continue to offer the High Efficiency Clothes Washer as a measure in low income multi-family buildings with an existing dryer and install in multi-family facilities that match the specified installation requirements.

- Within WMECo's territory, all of the clothes washers installed in laundry rooms within multi-family facilities were also coin operated as well as leased. WMECo identified several opportunities in small, mid-sized and large housing complexes and spoke with the property managers of these sites. All managers reported that the additional revenue generated by the laundry equipment was used to improve tenant areas. They also liked the convenience of calling a repair person when a problem arose and that they did not have to hire additional maintenance staff or have the expense of purchasing new laundry equipment when the units broke down. Therefore, WMECo did not have any landlords who indicated they wanted to change their current arrangement with their leasing agency. WMECo will continue to offer the High Efficiency Clothes Washer in multi-family buildings with an existing dryer in 2013 if the Owner/Manager has interest.

3. <u>Bi-Level Stairwell Lighting Controls in Multi-Families</u>
   - A Bi-Level Lighting Control is used to dim fixtures to lower light levels when a stairwell is unoccupied and reduces light loads by at least 50% for a set period of time. Bi-Level Lighting Controls were reviewed and approved in July 2012 by the Common Assumptions Group for use in a multi-family building when replacing no stairwell lighting control. Bi-Level Lighting Controls typically combine bi-level LED drivers, or fluorescent bi-level ballasts, and ultrasonic or other occupancy sensors.

   - While the energy savings is primarily dependant on the fixture wattage and time of use or how frequently the stairwell is occupied, NSTAR realized excellent savings utilizing Bi-Level Lighting Controls. Of the 6,652 Bi-Level Lighting Controls installed in 2012 within multi-family buildings in NSTAR's territory, 99% were installed in conjunction with Occupancy Sensors which together accounted for a projected 2,487,602 kWh in annual savings. NSTAR will continue to utilize and install the Bi-Level Lighting Controls on a going forward basis for stairwells and will also look at other potential low-occupancy applications such as storerooms, restrooms, and parking structures as applicable.

4. Photocells:
   - Exterior Photocells were reviewed and approved by the Common Assumptions Group in February 2012 for use outside a multi-family building. The best control for outdoor lighting is a photocell, an electrical switching device that operates when light falls on it and turns lighting on at dusk and off at dawn.

   - In 2012, NSTAR retrofitted the exterior lighting of a number of multi-family buildings installing a total of 197 photocells with projected annual savings of 120,831 kWh. NSTAR will continue to utilize this measure going forward and explore opportunities for the installation of photocells on the exterior of multi-family building entrances, pathways, parking lots, etc.

   - In 2012, WMECo retrofitted the exterior lighting of a number of multi-family buildings installing a total of 35 photocells attributing to 3,668 kWh in annual savings. WMECo will also continue to install this lighting reduction measure in the Multi-Family building sector in 2013.

   - In 2012, Unitil retrofitted one multi-family building installing 8 photocells with a projected annual savings of 735 kWh. Unitil will continue to look for opportunities to install this measure.

5. Occupancy Sensors:
   - Occupancy Sensors detect activity within a certain area and provide convenience by turning off lighting when activity is not detected. Occupancy sensors can control single or multiple lighting zones and can be mounted on the fixture or on the wall at the light switch. In the majority of cases, occupancy sensors work in conjunction with a bi-level control and/or bi-level fixture which actually contains a built-in occupancy sensor. Occupancy Sensors were reviewed and approved by the Common Assumptions Group in February 2012 for use within common area spaces in multi-family buildings.

   - NSTAR installed a total of 8,486 occupancy sensors in multi-family common areas within 2012 of which 78% or 6,579 were installed in conjunction with bi-level controls accounting for a projected 2,487,602 in annual kWh savings. 22% or 1,907 occupancy sensors were installed exclusively accounting for an additional 706,660 kWh annually in projected savings. Based upon the significant energy savings NSTAR achieved by converting the 24-hour lighting to occupancy controlled lighting, NSTAR will continue to pursue lighting reduction opportunities in unoccupied common area spaces within Multi-Family building retrofits.

   - National Grid offered occupancy sensors as a measure in 2012 and installed a total of 34 in multi-family common areas in 2012 for a savings of 2,356 kWh. Moving forward, National Grid will continue to pursue lighting reduction

opportunities in unoccupied common area spaces within Multi-Family building retrofits.

- WMECo installed a total of 79 occupancy sensors in multi-family common areas in 2012 accounting for 12,793 in annual kWh savings. WMECo will also continue to install this lighting reduction measure going forward in the Multi-Family building sector.

6. Duct Repair:
   - Duct Repair is described as the repair of leaks, holes, and poorly connected ducts used to distribute conditioned air throughout the house/building. Duct Repair in a gas heated single-family home was reviewed and approved by the Common Assumptions Group in July 2012. Due to the varying structures within Multi-Family facilities, using deemed savings and average cost values are not appropriate for the calculation. Therefore, duct repair in a Multi-Family facility warrants a custom screening analysis and will be reviewed on a case by case basis for each project.

   - NSTAR completed duct repair within 78 single family units in 2012. NSTAR currently uses a deemed savings value of 26.3 MMBTU for Weatherization and Insulation within a Low Income Single Family Gas unit which is inclusive of duct repair. Therefore, no additional savings are attributed exclusively to this measure. NSTAR will continue to repair ducts in gas heated single family homes and review multi-family projects on a case by case basis.

   - No major duct repair opportunities were presented in the Columbia Gas Low-Income single- or multi- family program in 2012. However, there were approximately 127 jobs that included duct sealing measures. Some of these installations required some minor repairs to do the proper sealing of the ducts. This measure totaled savings of approximately 162.6 MMBTUs.

   - National Grid completed duct repairs as part of furnace replacements within 89 single family units in 2012. National Grid does not count additional savings for duct repair, as these were done as part of furnace replacements and it is assumed that these savings are captured as part of the furnace replacement.

   - No major duct repair opportunities were presented as part of the four furnace replacements in the New England Gas Low-Income Single Family program in 2012.

   - No major duct repair opportunities were presented as part of the fourteen furnace replacements in the Berkshire Gas Low-Income Single-Family program in 2012.

7. Philips Endura 12.5W LED A19 Bulb
   - The Philips Endura 12.5W LED A19 bulb was reviewed and approved for replacement of a 60W incandescent bulb by the Common Assumptions Group in August 2011. However, due to the high cost of the product in comparison to a CFL bulb, the Best Practices Working Group decided to hold off on implementation within the field until mid 2012 which would allow more flexibility with the budget and when product availability through the current supplier network was not an issue. It was also determined by the Best Practices Working Group that the bulb would likely be installed in a high use fixture such as a table lamp and that the PAs would attempt installation of one LED bulb per household if applicable.

   - NSTAR installed a total of 199 Philips Endura 12.5W A19 LED bulbs in 2012. According to the original screening report completed, savings from these installations would have totaled 13,731 annual kWh; however, due to recent evaluation studies utilizing the updated lighting standards from the Energy Independence and Security Act (EISA), LED's held a savings of 48 kWh in 2012; therefore, NSTAR projected a total of 9,552 annual kWh in savings. NSTAR has budgeted and planned for a shift to LED bulb installations from CFL bulb installations over the next three year plan in which LED installations will account for approximately half of all bulb installations by the year 2015.

   - National Grid installed a total of 694 Philips Endura 12.5W A19 LED bulbs in 2012 for a savings of 34,830 kWh.

   - WMECo installed a total of 215 Philips Endura 12.5W A19 LED bulbs in 2012. According to the original screening report completed, savings from these installations would have totaled 14,835 annual kWh; however, due to recent evaluation studies utilizing the updated lighting standards from the Energy Independence and Security Act (EISA), LED's held a savings of 48 kWh in 2012; therefore, WMECo was able to claim a total of 10,320 annual kWh in savings. Additionally, WMECo developed and implemented a phone survey to more than 200 WMECo customers that received a Phillips 12.5W or 8W LED A19 bulb during a weatherization audit to obtain customer feedback on the technology. The survey was conducted by the staff of the community action agencies that administer the weatherization program for WMECo. The results indicated that LED bulbs were located typically in bedrooms, kitchens and living rooms and used for general lighting, reading and crafts. Customers were very satisfied with the bulb and noted that they liked them better than CFL's because they were brighter. Most would recommend them to a friend or family member. Customers stated the current prices for LED's would prohibit them from purchasing one at this time.

8. Philips Endura 8W LED A19 Bulb
   - The Philips Endura 8W LED bulb was screened and approved for replacement of a 40W incandescent bulb by the Common Assumptions Group in January 2012. However, due to the high cost of the product in comparison to a CFL bulb, the Best Practices Working Group decided to hold off on implementation within the field until mid 2012 which would allow more flexibility with the budget and when product availability through the current supplier network was not an issue. It was also determined by the Best Practices Working Group that the bulb would likely be installed in a high use fixture such as a table lamp and that the PAs would attempt installation of one LED bulb per household if applicable.

   - NSTAR installed a total of 3 Philips Endura 8W A19 LED bulbs in 2012 accounting for a total of 144 annual kWh in projected savings. However, it is important to note that the majority of incandescent bulbs found within NSTAR's territory were 60W, 75W and 100W, not 40W, which required installation of the Philips Endura 12.5W LED A19 bulb. NSTAR will continue to look for opportunities for the installation of the Philips Endura 8W LED A19 bulb but anticipates that the prevalent number of installations will be with the Philips Endura 12.5W LED A19 bulb.

   - National Grid installed a total of 189 Philips Endura 8W A19 LED bulbs in 2012 for a total of 9,186 kWh in savings.

   - WMECo installed a total of 7 Philips Endura 8W A19 LED bulbs in 2012 accounting for a total of 336 annual kWh saved. However, it is important to note that the majority of incandescent bulbs found within WMECo's territory were 60W, 75W and 100W, not 40W, which required installation of the Philips Endura 12.5W LED A19 bulb. WMECo will continue to look for opportunities for the installation of the Philips Endura 8W LED A19 bulb but anticipates that the prevalent number of installations will be with the Philips Endura 12.5W LED A19 bulb.

Measures deemed Custom:

The following measures were reviewed and determined to be a custom measure that needs to be reviewed on a case by case basis within specific applications and will require a custom analysis for each project. As opportunities are identified, cost effectiveness will be evaluated prior to implementation. Measures that will require a custom analysis for each project include:

9. Make-Up Air Units
   - Make-up air units take in fresh air from the outside, condition it and circulate it through the building to prevent negative pressure, infiltration of cold air and air quality problems. This measure was reviewed for use within a multi-family building and was determined to be a custom measure that needs to be reviewed on a case by case basis as this type of improvement is only feasible

in specific applications and therefore will require a custom analysis for each project.

10. Duct Repair in Multi-Family facilities
    - Repairing ducts in gas heated multi-family facilities with 5+ dwelling units was determined to be a custom measure that needs to be reviewed on a case by case basis as multi-family building structures vary greatly. Given that duct repair is cost effective for single family homes, the measure warrants a custom screening analysis for multi-family applications.

Measures deemed not cost-effective:

The measures that did not pass cost effectiveness screening and/or were determined to not be applicable to the program and therefore will not be offered within the Low-Income program include:

11. Direct-Vent Fireplace
    - The direct vent draws its combustion air from outside while venting to the same outside atmosphere - thereby not consuming warm house air, nor competing with other appliances and furnaces for combustion air. This measure was reviewed by The Cadmus Group/LEAN and rejected as providing insufficient savings. Therefore, this measure was not referred to the MA Common Assumptions Working Group for screening analysis.

12. Combined Space Heat & Water in Multi-Family buildings
    - Combined Heat & Hot Water units are available in either a forced hot air or boiler configuration. The forced air units will use a coil immersed in a hot water tank to act as a heat exchanger. The water is then run to a heat exchanger, and air blown over this exchanger will provide the warm air through the traditional duct work. This measure was reviewed for both single family buildings as well as multi-family buildings by The Cadmus Group/LEAN and had a high cost that was from $6,000 to $7,000 per unit which resulted in an initial BCR of 0.5. Therefore, this measure was not referred to the MA Common Assumptions Working Group for screening analysis as the benefits are not greater than the costs.

13. High Efficiency Dehumidifiers
    - Excess moisture within indoor air can lead to mold, mildew, poor indoor air quality, and aggravated allergies over an extended period of time. Dehumidifiers prevent damage to infrastructure, protect indoor air quality, reduce allergens, and effectively lower the humidity. During operation, moist air is drawn into the dehumidifier and water is extracted and collected in a drain bucket or drained out through a hose. Once this is complete, comfortably dry, healthier air is dispersed throughout your space. Due to the high measure cost which is approximately $250 - $320 per unit, this measure was rejected by the Best Practices Working Group due to the lack of cost effectiveness and

therefore, was not referred to the MA Common Assumptions Working Group for screening analysis.

14. High Efficiency Window AC units (rated above ENERGY STAR)
    - A higher tiered window A/C unit over and above that of ENERGY STAR rated was reviewed. The Best Practice Working Group researched the availability of higher tiered A/C units over and above that of ENERGY STAR rated which is already part of the Low Income program. Higher Tiered 1 and 2 Room AC units were found to be available; however, via the initial screening from NSTAR, they were not cost effective and provided a BCR of 0.3 and 0.2. Therefore, this measure was not referred to the MA Common Assumptions Working Group for screening analysis.

15. Behavior-based pilot (GroundedPower)
    - GroundedPower provides technology to address the issue of behavior change as a follow-up service to the existing energy efficiency audit and retrofit services. GroundedPower was unresponsive in pursuing a behavior-based pilot program since initial discussions commenced in early 2010. The Best Practices Working Group had originally decided to defer this measure to 2012 in the hopes of reigniting the interest of partnering together on the program; however, the Best Practices Working Group decided at the June 13th meeting, that they will no longer pursue the partnership due to the lack of interest from Tendril, the company that acquired GroundedPower in 2011. Therefore, this measure was not referred to the MA Common Assumptions Working Group for screening analysis.

Measures deferred to 2013:

The following measures have been deferred to 2013 for review as additional research and performance information becomes available:

16. Solar Domestic Hot Water
    - Solar hot water systems use basic principles and components to capture incoming solar radiation and heat water for domestic and other uses. In February 2012, LEAN announced that they had received another round of funding from the Commonwealth's Clean Energy Center to fund approximately 16 SDHW residential projects with a prioritization for multi-family facilities where oil, propane, or electricity is used to make DHW or space heat as natural gas facilities were primarily served and reviewed in 2011. The program began accepting applications in March 2012 with the intent to complete installations by November 2012 and will review actual savings over the current heating season through the beginning of 2013. Once actual savings from all of the projects are available, the Low Income Best Practices Working Group will review for possible inclusion within the program.

17. Higher tiered heating and water heating products
    - The Best Practice Working Group continues to look for available products in the market place for higher minimum baseline considerations not previously reviewed. To date, there have been no new technologies brought to the market that have not been previously reviewed. The Low Income Best Practices Working Group will continue to monitor the marketplace and review any new technologies that become available in the future.

18. Multi-family steam distribution replacement (within NSTAR territory)
    - The Best Practices Working Group are currently reviewing the cost-effectiveness of the replacement of the distribution system within a Multi-Family facility when the replacement of an efficient new steam boiler heating system occurs.

    - In November 2012, NSTAR completed the replacement of an inefficient steam heating system including the associated distribution system of steam piping and radiators on three (3) six (6) unit buildings, at the Parkdale Apartments in New Bedford. Although initially this project was assumed to be funded through non-EE funds, EE funds were available at the time the project was performed and were used to implement the project.

    - The existing steam boilers, hot water tanks and existing steam heating distribution systems were removed and properly disposed of and Weil McLain Ultra 299 boilers (96.4% efficient) in conjunction with 80 gallon Weil McLain "Plus Water Tanks and a new hot water baseboard heating distribution system were installed. The new hot water baseboard heating distribution system included Velo pumps, Calefi air separator, Taco Zone values, connection to the existing gas meter, 40 PVC exhaust Vents in each building utilizing the existing chimney, units installed with (2) zones and (2) Thermostats – Honeywell "FocusPro TH5000 Series" or equal, piping, insulation, Hayden baseboard fin radiation & kick heater in the Kitchen area, as well as (1) or (2) pipes chases per unit, consisting of a two sided wood trim box, painted to match adjacent wall surfaces, in the closet.

    - Preliminarily, savings of 5,959 Therms were claimed with the replacement of the boiler heating system; however, sub-metering has been installed where the work has been completed in order to obtain monthly readings each month to access the true savings of the entire project including the replacement of the distribution system. Obtaining actual savings will ultimately determine whether or not the replacement of a steam distribution system within a multi-family facility is cost-effective. As soon as there is historical actual usage data available after the current heating season, the Low Income Best Practices Working Group will review and determine if this measure will be included within the standard program offering.

19. Super Insulation (Aerogel)
    - Aerogel is produced by removing the liquid molecules from silica and replacing them with a gas, resulting in a material that is extremely resistant to conductive heat transmission. With limited information currently available as to the projected savings from this measure, the Best Practices Working Group decided to defer consideration of Aerogel to 2013 as a CEC/DOE SERC project (MA Clean Energy Center/US Department of Energy/Sustainable Energy Resources for Consumers) piloting 3 wall installations will be evaluated for savings over the current heating season.

2012 Low Income Metric One – Final Report

Berkshire Gas Company, Columbia Gas of Massachusetts, National Grid, New England Gas Company, NSTAR Electric & Gas, Unitil Service Corporation, and Western Massachusetts Electric Company are submitting this report to update the Low Income Energy Affordability Network (LEAN) on the status of the 2012 Low Income metric number one.

1) Best Practices Program Strategies Research & Technical Review of Potential New Measures

Threshold. In coordination with LEAN, implement Best Practices to achieve deeper energy savings by screening new practices and measures to further increase the comprehensiveness of what is already a comprehensive whole-building approach. The Best Practices Working Group, with each PA participating, shall perform due-diligence reviews of proposed new products/technologies and practices in support of the Utility energy efficiency programs; this will include coordinating with the Massachusetts Technical Advisory Committee, These due-diligence reviews will be focused on determining if a technology/product not presently being utilized in the Utility weatherization programs is suitable and applicable for incorporation into the Utility programs. PAs will contribute their expertise, including from the disciplines of engineering, utility energy efficiency program planning, evaluation, power, demand resources, construction, weatherization, weatherization auditing and assessment, and training, and will seek outside expertise as appropriate. Best Practices meets regularly for this purpose, including selecting new measures for review. PAs will provide written updates on meetings, technical analyses performed, and additional Best Practices implemented.

In addition and in coordination with LEAN, PAs will also develop a research plan by April 1, 2012 to systematically investigate new technologies, measures, and program strategies that are to be considered for potential inclusion in the program. Each PA will accept an assignment with respect to written products and will submit documentation showing performance related to tasks.

Design. The research plan will be to study possible new program measures and practices not now included in the utility program. Examples of these may include, but not be limited to: super insulation products and techniques (e.g., U-vacua), array of new LED lighting bulbs and fixtures, research and development of Solar Domestic Hot Water (SDHW) parameters that serve as required criteria for “best practices” eligibility applications, development of a high efficiency room a/c unit minimum tier level (replacement only), review of higher tiered heating and water heating products available in the market place for higher minimum baseline consideration, savings analysis of a multi-family steam distribution system replacement (specifically, planned non-EE funded NSTAR project), multi-family high efficiency clothes washers, behavior-based pilot (subject to feasibility, size and scope), multi-family common area lighting controls, multi-family duct repair, multi-family combined heat & hot water equipment, and dehumidifier replacement. Cost-effectiveness analysis will be conducted by the PA Common Assumptions group, or the equivalent, which shall include LEAN for this purpose, within eight weeks of referral by Best Practices, with first reports of analysis no later than July 15, 2012. All feasible non-pilot cost-effective measures to be included in standard program offering within 3 months, subject to PA specific budget impacts. Each PA will submit documentation showing its performance of these tasks.

Exemplary. By February 28th, 2013, a report of all measures that were reviewed in 2012 by the Best Practices Working Group and Sub-Committee will be developed to support Utility program adoption or non-inclusion. Each new measure that passes the Common Assumptions screening will be implemented in the field no later than three months after the relevant Common Assumptions report, including installation in appropriate cases. In a memo to EEAC consultants by April 1, 2013, each PA will document results and findings, including savings and feasibility. Each PA to submit documentation showing its performance relative to targets.

Clear & Distinct Role: Each utility must produce a Best Practices document, participate in the Common Assumptions group with LEAN, and implement new measures. Verification Plan: Best Practices document, Common Assumptions analyses, field test results and findings. Baseline Information: Baseline for each of these measures is that they are now not part of the program.

We believe that by completion and documentation of these tasks detailed within this report on February 27, 2013, Berkshire Gas Company, Columbia Gas of Massachusetts, National Grid, New England Gas Company, NSTAR Electric & Gas, Unitil Service Corporation, and Western Massachusetts Electric Company have completed the 2012 low income metric number one and have reached the level of the metric listed below.

Berkshire Gas – Exemplary
Columbia Gas of Massachusetts – Exemplary
National Grid Electric & Gas – Exemplary
New England Gas – Exemplary
NSTAR Electric & Gas – Exemplary
Unitil Service Corporation Electric & Gas – Exemplary
Western Massachusetts Electric Company – Exemplary

Respectfully submitted by:

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2012 Low Income Metric One

THRESHOLD:
In coordination with LEAN (Low Income Energy Affordability Network), PA's have implemented Best Practices by working together and screening new practices and measures. Each PA has participated in the Best Practices Working Group which has performed due-diligence reviews of proposed new products/technologies in support of the Utility energy efficiency programs. New measures and technical analysis was performed and discussed at Best Practice meetings throughout the year. PA's worked collectively to ensure that these measures were reviewed in a thorough and timely manner by the Common Assumptions Group including coordination with the Massachusetts Technical Advisory Committee. The Best Practices Working Group met on a regular basis on the following dates throughout the year:

- January 23, 2012
- March 1, 2012
- May 1, 2012
- June 13, 2012
- August 8, 2012
- October 15, 2012

Best Practice meeting summaries, documentation of best practices implemented, and technical analyses performed are provided in ***Attachment A***.

In addition and in coordination with LEAN, PAs also developed a research plan to systematically investigate new technologies, measures, and program strategies considered for potential inclusion within the program. Each PA accepted an assignment with respect to written products and collectively submitted documentation on March 30, 2012 to adhere to the April 1, 2012 deadline. The Research Plan that was submitted is provided in ***Attachment B***.

DESIGN:
The possible new program measures and practices that were reviewed and detailed within the research plan including PA assignment are as follows:

1. Heat Pump Water Heaters (*National Grid*) - Heat pump water heaters (HPWH) use electricity to move heat from one place to another instead of generating heat directly. Therefore, they can be two to three times more energy efficient than conventional electric resistance water heaters.

2. Direct-Vent Fireplace (*New England Gas*) - The direct vent draws its combustion air from outside while venting to the same outside atmosphere - thereby not consuming warm house air, nor competing with other appliances and furnaces for combustion air.

3. Make-Up Air Units (*Columbia Gas*) - Make-up air units take in fresh air from the outside, condition it and circulate it through the building to prevent negative pressure, infiltration of cold air and air quality problems.

4. High Efficiency Clothes Washers in multi-family buildings (*National Grid*) - ENERGY STAR Clothes Washer MEF (Modified Energy Factor) =2.0, WF (Water Factor) =6.0 with an existing Electric Dryer

5. Multi-Family Common Area Lighting Controls (*NSTAR*)
    - Bi-Level Stairwell Lighting Controls - A bi-level control is used to dim fixtures to lower light levels when a stairwell is unoccupied and reduces light loads by at least 50% for a set period of time.

    - Photocells - Exterior lighting controls via photocell turn on and off exterior light fixtures when sunlight levels reach the desired set points.

    - Occupancy Sensors - Occupancy sensors detect activity within a certain area and provide convenience by turning off lighting when activity is not detected. Occupancy sensors can control single or multiple lighting zones and can be mounted on the fixture or on the wall at the light switch.

6. Duct Repair (*Columbia Gas*) – The repair of leaks, holes, and poorly connected ducts used to distribute conditioned air throughout the house/building.

7. Combined Heat & Hot Waters in multi-family buildings (*Unitil*) - Combined Heat & Hot Water units are available in either a forced hot air or boiler configuration. The forced air units will use a coil immersed in a hot water tank to act as a heat exchanger. The water is then run to a heat exchanger, and air blown over this exchanger will provide the warm air through the traditional duct work.

8. High Efficiency Dehumidifiers (replacement units only) (*LEAN*) - Excess moisture within indoor air can lead to mold, mildew, poor indoor air quality, and aggravated allergies over an extended period of time. Dehumidifiers prevent damage to infrastructure, protect indoor air quality, reduce allergens, and effectively lower the humidity. During operation, moist air is drawn into the dehumidifier and water is extracted and collected in a drain bucket or drained out through a hose. Once this is complete, comfortably dry, healthier air is dispersed throughout your space.

9. LED Lights – Bulbs & Fixtures (*WMECo*) –
    - Philips Endura 12.5W Ambient – An LED A19 dimmable 25,000 hour bulb used to replace a 60W equivalent.
    - Philips Endura 8W Ambient – An LED A19 dimmable 25,000 hour bulb used to replace a 40W equivalent.

10. Solar Domestic Hot Water (SDHW) (*LEAN*) - Solar hot water systems use basic principles and components to capture incoming solar radiation and heat water for domestic and other uses.

11. High efficiency room a/c unit (replacement units only) (*NSTAR*) - Higher tiered window A/C unit over and above that of ENERGY STAR rated.

12. Higher tiered heating and water heating products (*Berkshire Gas*) - Available products in the market place for higher minimum baseline considerations not previously reviewed

13. Multi-family steam distribution system replacement (*NSTAR*) - Replacement of the distribution system when replacement of an efficient new steam boiler heating system occurs.

14. Behavior-based pilot (GroundedPower) (LEAN) - GroundedPower provides technology to address the issue of behavior change as a follow-up service to the existing energy efficiency audit and retrofit services.

15. Super insulation products and techniques (Aerogel) (Berkshire Gas) - Aerogel is produced by removing the liquid molecules from silica and replacing them with a gas, resulting in a material that is extremely resistant to conductive heat transmission.

Cost-effectiveness analysis was conducted by the PA Common Assumptions group in conjunction with LEAN, when/if a measure was referred by the Best Practices Working Group. The Common Assumptions Report of Analysis was submitted on July 13, 2012 to adhere to the July 15, 2012 deadline. The Common Assumptions Report of Analysis is provided in ***Attachment C***.

The new measures that were referred to the Common Assumptions Group, passed cost-effective screening, and are now included within the standard program offering, subject to PA specific budget impacts include:

1. Heat Pump Water Heaters
2. High Efficiency Clothes Washers in multi-family buildings
3. Multi-Family Common Area Lighting Controls
    a. Bi-Level Stairwell Lighting Controls
    b. Photocells
    c. Occupancy Sensors
4. Duct Repair (in Single Family)
5. LED Lights – Bulbs & Fixtures
    a. Philips Endura 12.5W LED A19 Bulb
    b. Philips Endura 8W LED A19 Bulb

The following measures were reviewed and determined to be a custom measure that need to be reviewed on a case by case basis within specific applications and will require a custom analysis for each project. As opportunities are identified, cost effectiveness will be evaluated prior to implementation.

1. Make-Up Air Units
2. Duct Repair (in Multi-Family facilities)

The following measures that did not pass cost effectiveness screening and/or were determined to not be applicable to the program and therefore will not be offered within the Low-Income program include:

1. Direct-Vent Fireplace
2. Combined Space Heat & Water in Multi-Family buildings
3. High Efficiency Dehumidifiers
4. High Efficiency Window AC units (rated above ENERGY STAR)
5. Behavior-based pilot (GroundedPower)

The following measures have been deferred to 2013 for review as additional research and performance information becomes available:

1. Solar Domestic Hot Water
    - In February 2012, LEAN announced that they had received another round of funding from the Commonwealth's Clean Energy Center to fund approximately

16 SDHW residential projects with a prioritization for multi-family facilities where oil, propane, or electricity is used to make DHW or space heat as natural gas facilities were primarily served and reviewed in 2011. The program began accepting applications in March 2012 with the intent to complete installations by November 2012 and will review actual savings over the current heating season. Once actual savings from all of the projects are available, the Low Income Best Practices Working Group will review for possible inclusion within the program.

2. Higher tiered heating and water heating products
    - The Low Income Best Practices Working Group will continue to research the availability of higher tiered heating and water heating products in 2013 as they become available to the market.

3. Multi-family steam distribution replacement (*within NSTAR territory*)
    - In November 2012, NSTAR completed the replacement of an inefficient steam heating system including the associated distribution system of steam piping and radiators on three (3) six (6) unit buildings, at the Parkdale Apartments in New Bedford. Although initially this project was assumed to be funded through non-EE funds, EE funds were available at the time the project was performed and were used to implement the project.

    - The existing steam boilers, hot water tanks and existing steam heating distribution systems were removed and properly disposed of and Weil McLain Ultra 299 boilers (96.4% efficient) in conjunction with 80 gallon Weil McLain "Plus Water Tanks and a new hot water baseboard heating distribution system were installed. The new hot water baseboard heating distribution system included Velo pumps, Calefi air separator, Taco Zone values, connection to the existing gas meter, 40 PVC exhaust Vents in each building utilizing the existing chimney, units installed with (2) zones and (2) Thermostats – Honeywell "FocusPro TH5000 Series" or equal, piping, insulation, Hayden baseboard fin radiation & kick heater in the Kitchen area, as well as (1) or (2) pipes chases per unit, consisting of a two sided wood trim box, painted to match adjacent wall surfaces, in the closet.

    - Preliminarily, savings of 5,959 Therms were claimed with the replacement of the boiler heating system; however, sub-metering has been installed where the work has been completed in order to obtain monthly readings each month to access the true savings of the entire project including the replacement of the distribution system. Obtaining actual savings will ultimately determine whether or not the replacement of a steam distribution system within a multi-family facility is cost-effective. As soon as there is historical actual usage data available after the current heating season, the Low Income Best Practices Working Group will review and determine if this measure will be included within the standard program offering.

4. Super Insulation (Aerogel)
    - With limited information currently available as to the projected savings from this measure, the Best Practices Working Group decided to defer consideration of Aerogel to 2013 as a CEC/DOE SERC project (MA Clean Energy Center/US Department of Energy/Sustainable Energy Resources for Consumers) piloting 3 wall installations will be evaluated for savings over the current heating season.

EXEMPLARY:
All PAs participated in the study of new measures and have implemented each new measure that passed the Common Assumptions screening, including installation in appropriate cases.

1. Heat Pump Water Heaters:
   - The Heat Pump Water Heater was brought to the field, implemented and included within the standard program measure offering for NSTAR, National Grid and WMECo in January 2012. HPWHs were approved for replacement of an electric resistant water heater in a home that is heated by gas only as homes heated by oil were found not to be cost effective. HPWHs require specific criteria for proper installation due to the additional height, weight, required air volume, and clearance requirements as compared to an electric resistance water heater. To operate efficiently, a HPWH must be able to extract sufficient energy from the surrounding air, and the energy available in the air is a function of the temperature of the air (at least 50-55ºF for most of the year) as well as the volume of the air available (the size of the space ranges from 500-1,000 cubic foot depending on the model used).

   - In researching potential installation opportunities in 2012, NSTAR had only a few homeowners that were interested in the HPWH within our territory that had gas heat with an electric hot water heater. However, of those homeowners that were interested, they did not qualify because their basements did not meet the size specification required for installation. NSTAR will continue to offer the HPWH as a measure within the program and install within homes that match the specified installation requirements as they are uncovered.

   - National Grid had one 50 Gallon Heat Pump Water Heater installation in 2012 with annual savings of 1,817 kWh. National Grid will also continue to offer the HPWH as a measure within the program.

   - WMECo's community action agencies identified and assessed potential homes and determined if the homes met the usage, installation criteria and if the homeowners were willing to maintain the units so that they would remain in service. A unit would not be appropriate if the homeowners were not interested in the technology, their basements did not meet the size specification required for installation or their specific family needs required electric resistance water heating. WMECo installed one 80 gallon heat pump hot water unit in 2012 with annual savings of 2,712 kWh and will continue to offer the HPWH as a measure in the low income 1-4 family program.

2. High Efficiency Clothes Washers in multi-family buildings
   - The newly approved measure, a High Efficiency Clothes Washer with existing Electric Dryer in Multi-family buildings was brought to the field, implemented and included within the standard program measure offering for NSTAR, National Grid and WMECo in February 2012. According to the specifications as set forth by the Common Assumption Group, the approval for use of this measure was extremely restrictive and called for the installation of a new, non-coin operated ENERGY STAR rate clothes washer MEF=2.0 with an existing electric dryer WF=6.0 with a gas or electric water heater.

- Within NSTAR's territory, the majority of clothes washers used within multi-family facilities are in fact coin operated. Additionally, of the few non-coin operated clothes washers found within multi-family facilities that were eligible for replacement, the existing electric dryer also needed to be replaced which therefore excluded those facilities as per the specifications of use. NSTAR will continue to offer the High Efficiency Clothes Washer in multi-family buildings with an existing dryer as a measure within the program and install within multi-family facilities that match the specified installation requirements as they are uncovered.

- There were no applications found in National Grid's territory in which this measure was appropriate for installation in 2012. National Grid will continue to offer the High Efficiency Clothes Washer as a measure in low income multi-family buildings with an existing dryer and install in multi-family facilities that match the specified installation requirements.

- Within WMECo's territory, all of the clothes washers installed in laundry rooms within multi-family facilities were also coin operated as well as leased. WMECo identified several opportunities in small, mid-sized and large housing complexes and spoke with the property managers of these sites. All managers reported that the additional revenue generated by the laundry equipment was used to improve tenant areas. They also liked the convenience of calling a repair person when a problem arose and that they did not have to hire additional maintenance staff or have the expense of purchasing new laundry equipment when the units broke down. Therefore, WMECo did not have any landlords who indicated they wanted to change their current arrangement with their leasing agency. WMECo will continue to offer the High Efficiency Clothes Washer in multi-family buildings with an existing dryer in 2013 if the Owner/Manager has interest.

3. Multi-Family Common Area Lighting Controls
   a. Bi-Level Stairwell Lighting Controls
      - Bi-Level Lighting Controls were reviewed and approved in July 2012 by the Common Assumptions Group for use in a multi-family building when replacing no stairwell lighting control. Bi-Level Lighting Controls typically combine bi-level LED drivers, or fluorescent bi-level ballasts, and ultrasonic or other occupancy sensors.

      - While the energy savings is primarily dependant on the fixture wattage and time of use or how frequently the stairwell is occupied, NSTAR realized excellent savings utilizing Bi-Level Lighting Controls. Of the 6,652 Bi-Level Lighting Controls installed in 2012 within multi-family buildings in NSTAR's territory, 99% were installed in conjunction with Occupancy Sensors which together accounted for a projected 2,487,602 kWh in annual savings. NSTAR will continue to utilize and install the Bi-Level Lighting Controls on a going forward basis for stairwells and will also look at other potential low-occupancy applications such as storerooms, restrooms, and parking structures as applicable.

b. Photocells:
   - Exterior Photocells were reviewed and approved by the Common Assumptions Group in February 2012 for use outside a multi-family building. The best control for outdoor lighting is a photocell, an electrical switching device that operates when light falls on it and turns lighting on at dusk and off at dawn.

   - In 2012, NSTAR retrofitted the exterior lighting of a number of multi-family buildings installing a total of 197 photocells with projected annual savings of 120,831 kWh. NSTAR will continue to utilize this measure going forward and explore opportunities for the installation of photocells on the exterior of multi-family building entrances, pathways, parking lots, etc.

   - In 2012, WMECo retrofitted the exterior lighting of a number of multi-family buildings installing a total of 35 photocells attributing to 3,668 kWh in annual savings. WMECo will also continue to install this lighting reduction measure in the Multi-Family building sector in 2013.

c. Occupancy Sensors:
   - Occupancy Sensors were reviewed and approved by the Common Assumptions Group in February 2012 for use within common area spaces in multi-family buildings. Occupancy sensors can be mounted on walls or ceilings and wired to control one or more fixtures. In the majority of cases, occupancy sensors work in conjunction with a bi-level control and/or bi-level fixture which actually contains a built-in occupancy sensor.

   - NSTAR installed a total of 8,486 occupancy sensors in multi-family common areas within 2012 of which 78% or 6,579 were installed in conjunction with bi-level controls accounting for a projected 2,487,602 in annual kWh savings. 22% or 1,907 occupancy sensors were installed exclusively accounting for an additional 706,660 kWh annually in projected savings. Based upon the significant energy savings NSTAR achieved by converting the 24-hour lighting to occupancy controlled lighting, NSTAR will continue to pursue lighting reduction opportunities in unoccupied common area spaces within Multi-Family building retrofits.

   - National Grid offered occupancy sensors as a measure in 2012 and installed a total of 34 in multi-family common areas in 2012 for a savings of 2,356 kWh. Moving forward, National Grid will continue to pursue lighting reduction opportunities in unoccupied common area spaces within Multi-Family building retrofits.

   - WMECo installed a total of 79 occupancy sensors in multi-family common areas in 2012 accounting for 12,793 in annual kWh savings. WMECo will also continue to install this lighting reduction measure going forward in the Multi-Family building sector.

4. Duct Repair:
   - Repairing ducts in a gas heated single-family home was reviewed and approved by the Common Assumptions Group in July 2012. Due to the

varying structures within Multi-Family facilities, using deemed savings and average cost values are not appropriate for the calculation. Therefore, duct repair in a Multi-Family facility warrants a custom screening analysis and will be reviewed on a case by case basis for each project.

- NSTAR completed duct repair within 78 single family units in 2012. NSTAR currently uses a deemed savings value of 26.3 MMBTU for Weatherization and Insulation within a Low Income Single Family Gas unit which is inclusive of duct repair. Therefore, no additional savings are attributed exclusively to this measure. NSTAR will continue to repair ducts in gas heated single family homes and review multi-family projects on a case by case basis.

- No major duct repair opportunities were presented in the Columbia Gas Low-Income single- or multi- family program in 2012. However, there were approximately 127 jobs that included duct sealing measures. Some of these installations required some minor repairs to do the proper sealing of the ducts. This measure totaled savings of approximately 162.6 MMBTUs.

- National Grid completed duct repairs as part of furnace replacements within 89 single family units in 2012. National Grid does not count additional savings for duct repair, as these were done as part of furnace replacements and it is assumed that these savings are captured as part of the furnace replacement.

- No major duct repair opportunities were presented as part of the four furnace replacements in the New England Gas Low-Income Single Family program in 2012.

- No major duct repair opportunities were presented as part of the fourteen furnace replacements in the Berkshire Gas Low-Income Single-Family program in 2012.

5. LED Lights – Bulbs & Fixtures:
   - WMECo worked in conjunction with the community action agencies to identify LED lighting opportunities in order to expand the current LED offerings. It was determined that the LED bulbs that are currently offered are the most appropriate bulbs for the customer's at this time. The housing stock doesn't lend itself to many of the new LED products that are available and are not compatible with the customer's needs. WMECo did identify one multi-family housing complex and installed ten LED dimmable 14W bulbs and sixty-two 2.3W TCP LED candelabra bulbs in its community room. The customer's estimated annual kWh savings were 2,952 with lifetime savings of 35,424 kWh.

   a. Philips Endura 12.5W LED A19 Bulb
      - The Philips Endura 12.5W A19 bulb was reviewed and approved for replacement of a 60W incandescent bulb by the Common Assumptions Group in August 2011. However, due to the high cost of the product in comparison to a CFL bulb, the Best Practices Working Group decided to hold off on implementation within the field until mid 2012 which would allow more

flexibility with the budget and when product availability through the current supplier network was not an issue. It was also determined by the Best Practices Working Group that the bulb would likely be installed in a high use fixture such as a table lamp and that the PAs would attempt installation of one LED bulb per household if applicable.

- NSTAR installed a total of 199 Philips Endura 12.5W A19 LED bulbs in 2012. According to the original screening report completed, savings from these installations would have totaled 13,731 annual kWh; however, due to recent evaluation studies utilizing the updated lighting standards from the Energy Independence and Security Act (EISA), LED's held a savings of 48 kWh in 2012; therefore, NSTAR projected a total of 9,552 annual kWh in savings. NSTAR has budgeted and planned for a shift to LED bulb installations from CFL bulb installations over the next three year plan in which LED installations will account for approximately half of all bulb installations by the year 2015.

- National Grid installed a total of 694 Philips Endura 12.5W A19 LED bulbs in 2012 for a savings of 34,830 kWh.

- WMECo installed a total of 215 Philips Endura 12.5W A19 LED bulbs in 2012. According to the original screening report completed, savings from these installations would have totaled 14,835 annual kWh; however, due to recent evaluation studies utilizing the updated lighting standards from the Energy Independence and Security Act (EISA), LED's held a savings of 48 kWh in 2012; therefore, WMECo was able to claim a total of 10,320 annual kWh in savings. Additionally, WMECo developed and implemented a phone survey to more than 200 WMECo customers that received a Phillips 12.5W or 8W LED A19 bulb during a weatherization audit to obtain customer feedback on the technology. The survey was conducted by the staff of the community action agencies that administer the weatherization program for WMECo. The results indicated that LED bulbs were located typically in bedrooms, kitchens and living rooms and used for general lighting, reading and crafts. Customers were very satisfied with the bulb and noted that they liked them better than CFL's because they were brighter. Most would recommend them to a friend or family member. Customers stated the current prices for LED's would prohibit them from purchasing one at this time.

b. <u>Philips Endura 8W LED A19 Bulb</u>
   - The Philips Endura 8W LED bulb was screened and approved for replacement of a 40W incandescent bulb by the Common Assumptions Group in January 2012. However, due to the high cost of the product in comparison to a CFL bulb, the Best Practices Working Group decided to hold off on implementation within the field until mid 2012 which would allow more flexibility with the budget and when product availability through the current supplier network was not an issue. It was also determined by the Best Practices Working Group that the bulb would likely be installed in a high use fixture such as a table lamp and that the PAs would attempt installation of one LED bulb per household if applicable.

- NSTAR installed a total of 3 Philips Endura 8W A19 LED bulbs in 2012 accounting for a total of 144 annual kWh in projected savings. However, it is important to note that the majority of incandescent bulbs found within NSTAR's territory were 60W, 75W and 100W, not 40W, which required installation of the Philips Endura 12.5W LED A19 bulb. NSTAR will continue to look for opportunities for the installation of the Philips Endura 8W LED A19 bulb but anticipates that the prevalent number of installations will be with the Philips Endura 12.5W LED A19 bulb.

- National Grid installed a total of 189 Philips Endura 8W A19 LED bulbs in 2012 for a total of 9,186 kWh in savings.

- WMECo installed a total of 7 Philips Endura 8W A19 LED bulbs in 2012 accounting for a total of 336 annual kWh saved. However, it is important to note that the majority of incandescent bulbs found within WMECo's territory were 60W, 75W and 100W, not 40W, which required installation of the Philips Endura 12.5W LED A19 bulb. WMECo will continue to look for opportunities for the installation of the Philips Endura 8W LED A19 bulb but anticipates that the prevalent number of installations will be with the Philips Endura 12.5W LED A19 bulb.

CLEAR AND DISTINCT ROLE

Berkshire Gas

- Berkshire Gas was the lead PA in researching and providing the metric documentation for Aerogel technology
- Berkshire Gas attended and actively participated in best practice meetings held throughout the year on March 1, 2012, May 1, 2012, June 13, 2012, August 8, 2012 and October 15, 2012.
- Berkshire Gas reviewed, provided input and guidance in finalizing all metric documentation.

Columbia Gas

- Columbia Gas was the lead PA in researching and providing the metric documentation for the make-up air units and duct repair for single- and multi-family applications.
- Columbia Gas attended and actively participated in best practice meetings held throughout the year on January 23, 2012, March 1, 2012, May 1, 2012, June 13, 2012, and August 8, 2012.
- Columbia Gas hosted the best practice meetings held on January 23, 2012, March 1, 2012, May 1, 2012, and August 8, 2012.
- Columbia Gas reviewed, provided input and guidance in finalizing all metric documentation.

New England Gas

- New England Gas Company attended and actively participated in best practice meetings held throughout the year on May 1, 2012, June 13, 2012, and August 8, 2012.
- New England Gas Company reviewed, provided input and guidance in finalizing all metric documentation.

NSTAR

- NSTAR took the PA lead role in production, coordination and finalization of all metric documentation including the Research Plan submitted on March 30, 2012, the Common Assumptions Report of Analysis submitted on July 13, 2012 as well as this Final Metric Report submitted by February 28, 2013. NSTAR coordinated all communication between the PAs to ensure inclusion of comments, direction, and edits prior to submission.
- NSTAR was the lead PA in researching and providing the metric documentation for the Bi-Level Stairwell Lighting Controls in Multi-Family facilities, Photocells in Multi-Family facilities, Occupancy Sensors in Multi-Family facilities, High Efficiency (over ENERGY STAR RATED) Room A/C units, and a Steam Distribution System Replacement in a Multi-Family facility
- NSTAR took the PA lead role for evaluation in screening the following technologies: Bi-Level Stairwell Controls in Multi-Family facilities, Photocells in Multi-Family facilities, and Occupancy Sensors in Multi-Family facilities
- NSTAR took the lead PA role in compilation of the meeting notes from the best practice meetings held on March 1, 2012, June 13, 2012, and August 8, 2012
- NSTAR took the lead PA role in submission of finalized meeting notes to the RMC Huddle site for meetings held on January 23, 2012, March 1, 2012, May 1, 2012, June 13, 2012, August 8, 2012, and October 15, 2012

- NSTAR attended and actively participated in all of the best practice meetings held throughout the year on January 23, 2012, March 1, 2012, May 1, 2012, June 13, 2012, August 8, 2012, and October 15, 2012
- NSTAR reviewed, provided input and guidance in finalizing all metric documentation

National Grid

- National Grid was the lead PA in researching and providing the metric documentation for the Heat Pump Water Heaters and the ENERGY STAR Clothes Washer in a Multi-Family facility with an existing electric dryer.
- National Grid attended and actively participated in best practice meetings held throughout the year on January 23, 2012, March 1, 2012, May 1, 2012, June 13, 2012, and August 8, 2012 and October 15, 2012.
- National Grid reviewed, provided input and guidance in finalizing all metric documentation.

Unitil

- Unitil was the lead PA in researching and providing the metric documentation for Combined Heat & Hot Water units in multi-family buildings.
- Unitil attended and actively participated in best practice meetings held throughout the year on March 1, 2012, May 1, 2012, June 13, 2012, August 8, 2012 and October 15, 2012.
- Unitil reviewed, provided input and guidance in finalizing all metric documentation.

WMECO

- WMECo was the lead PA in researching LED bulbs for single- and multi-family applications. Part of this research included the development and implementation of a phone survey to more than 200 WMECo customers that received a Phillips 12.5W or 8W LED bulb during a weatherization audit to obtain customer feedback on the technology. WMECO was also responsible for the coordination of a presentation by EFI on available energy efficient LED lighting products to the Best Practices Group on August 8th, 2012. Lastly, WMECo was responsible for distribution of EFI LED price lists and product information to the Best Practices Working Group.
- WMECo took the PA lead role to create common refrigerator and freezer thresholds to be used on a statewide basis which were implemented by all electric PAs in January 2013.
- WMECo volunteered for and actively participated in the Consumer Educational Sub-Committee of the Best Practices Working Group tasked with reviewing current low income outreach literature to create a standardized statewide energy educational package. WMECo provided multiple samples of energy efficiency information that could be included in the outreach package and made suggestions as to the design for a statewide folder. WMECo will continue to participate in 2013.
- WMECo provided the Best Practices Working Group with installation instructions for the proper installation of Belkin Smart Strips along with product guarantee information.
- WMECo attended and actively participated in Best Practice Meetings held throughout the year on January 23, 2012, March 1, 2012, May 1, 2012, June 13, 2012, August 8, 2012 and October 15, 2012.
- WMECo reviewed, provided input and guidance in finalizing all metric documentation

Attachments

- Attachment A: Best Practice Meetings Documentation & Back-up
- Attachment B: Research Plan Documentation
- Attachment C: Common Assumptions Report of Analysis

Attachment A
BEST PRACTICE MEETING DOCUMENTATION

LOW INCOME BEST PRACTICES AGENDA
For Monday, January 23, 2012
Including notes from November
At CMA, Westborough

Reports to be made **bolded & italicized**

1. Preliminaries: note taker, next meeting, amendments to agenda, corrections to e-list, corrections to notes.
2. Contractor training and recruitment, Auditor training, DHCD Report, 2012 needs? – ***CRAIG AND DHCD***
    I. ARRA WAP (ends 3/31/12)
    II. DOE WAP FY 2012 (begins 4/1/12)
    III. DOE mandated Health & Safety Measures going forward
    IV. HEARTWAP FY 2012 (began 10/1/11)
    V. WAP Contractor & Energy Auditor Training completed and going forward
3. ***BRUCE, ART*** – Update re SDHW, microCHP, *aerogel
    a. coordinate with CEC/DOE SERC in early or mid-2012, when data will be available from CEC/SERC project (PA case-by-case interest)
    b. update [SDHW and MCHP underway; SDHW costs have been driven down by project; some data later this fall; aerogel later, costs to include
    c. finish work; CEC contract may be extended and expanded]
    d. November report:

    SDHW:
    - 6 complete
    - 5 in construction, will be completed before Thanksgiving
    - 4 more to begin construction before Thanksgiving, complete by Christmas
    - 2 more bid out, contractor selection pending; will begin installation in December
    - 3 in pipeline to be completed in January and February

    20 systems total, combination of CEC and SERC funding; all currently available funding will be spent out by February.

    LEAN currently in discussion with CEC for possible 12 month contract for additional 20+ systems in calendar 2012.

    MCHP:
    - 3 complete
    - 4 scheduled for installation before Thanksgiving
    - 2 scheduled for installation soon after Thanksgiving
    - 4 being bid out this week; scheduled for installation by Christmas
    - 7 additional sites have been initially assessed; will be RFP'd in December
    - 6 other sites have been proposed by owners.

    Available funding for approximately 25 systems.

Aerogel: 2 scoped and contracted and scheduled; one to be completed by New Year's, the second shortly after New Year. These 2 projects will spend out the available funding.

4. Program issues
    a. Air Conditioner replacements (prices include installation) – SEE ATTACHMENT
        i. MIKE ROSSACCI reported InDemand protocol for replacement threshold, and provided screen shot (hours, peak hours, SEER or age, BTUs) – note that SMOC carries only two models -- ***ART*** has provided a calculator: "The attached is an initial draft of a calculator with a range of editable parameters noted on the coversheet. The current settings are consistent with the NGRID evaluation and TRM data. Please note the differences. Also, this calculator would inform the program protocols in both single family and multifamily settings. I suggest that MF window AC's be replaced based on deemed savings based on accepted SEER, (pre & post) and hours of operation."
    b. Address caps for Wx, heating systems post-ARRA (DEFER)
    c. Procurement in late November (?) for April 1 – changes?; contractors need to understand that low-income certification is not equivalent to MassSAVE – PAs expressed interest in the process from the point where prices are identified; CLC wants to review the RFP specs; there was a suggestion for a precautionary prohibition against drop-shipping

5. Any Code issues?
    a. Update re requirement for architect for greater than 35000 cu ft? Need a panel of no-cost architects/engineers?

6. Low-Income Multi-Family Program issues (per agreement)
    a. Pricing for large scale projects – competitive bidding v. other approaches (DEFER)
    b. Air sealing cap (DEFER)
    c. Pilot heating distribution system replacement to test cost-effectiveness (possible NSTAR EOP funding in old Comm. Elec. territory) (Now included in 2012 Metrics)
    d. Building inventory

7. Goal-setting and budget discussion (to start in JULY per agreement) -- update re avoided costs (including carbon compliance, economic development) and NEBs, possibly at issue in MTM cases.

8. 2011 Metric progress reports
    a. 1 (Hard to Reach Landlords) – report by Debi; note that Code violations have prevented many installations (e.g., extra cost to Landlords due to requirement for chimney liner) and that tracking has been an issue
    b. 2 (New Measures) – in-field – report by Cheryl and Riley
        i. Aerogel – consumption data available next year
        ii. HPWH – OK
        iii. LED – approved prior year
        iv. Foundation foam – rejected
        v. Roof insulation – rejected

vi. Mini-splits – rejected
vii. Demand control – deferred to next year at vendor's request
viii. Brushless fan motors – OK
ix. National survey – done, measures to be reviewed next year

c. 3 (MF Building inventory) – report by Kara

9. Cadmus participation in PA achievement of 2011 Metric 2 Threshold
   a. "Research survey to assess a cross section of low-income programs being offered around the country. The survey will be used to identify potential new technologies, measures, and program strategies that may be considered for future program offerings. The survey should also include a review of relevant studies (e.g. CEE, ACEEE)."
   b. ***ART*** AND CADMUS STATUS REPORT – see attached updated spreadsheet and review of make-up units – Cadmus reports:
      - "We completed several tasks in addition to the MAU [Make-Up Air Unit] update:
   c. Updated clothes washer costs for LIMF and clarified cost source for LISF
   d. Broke the combined heat and hot water measure into three categories (individual LIMF unit; LIMF whole building; LISF)
   e. Added clarity to the savings source for bi-level controls
   f. * We referred to ***Common Assumptions*** in November:
      1. Duct repairs
      2. MF clothes washers
      3. Occupancy sensors
      4. MF exterior photocells
      5. Combined heat and hot water (MF and SF)
      6. Bi-level lighting controls
   g. Hours of use thresholds for replacement dehumidifiers – ***Cape Light***
   h. Heat Pump Water Heaters – OK per TRM – ***Cape Light*** to circulate protocol for discussion; warranty issues?
   i. Conclusion for LEDs is to keep watching as prices decline. ***DEBI*** will follow up with EFI
   j. Replacement wood stoves? – ***what is HEARTWAP experience?***

10. New measures (all low-income programs) (measures for 2012 Metric 2 marked by *)
   a. * Grounded Power demand control pilot – sent back to Common Assumptions to analyze as 2012 or 2013 pilot per metric 2, awaiting confirmation of costs from Grounded Power/Tendril. (DEFER: expect to hear from Tendril in January.)
   b. * LEDs
      I. ***KIM CROSSMAN*** re whether Philips 12.5w 60w 25,000 hour replacement at $40 is cost-effective against CFL
      II. Any other lamps we should be looking at? ***Debi***
   c. * Aerogel – wait for test under DOE SERC
      I. Other super-insulation products (aeroseal?Vacuoa?)? – see national survey, 10.b.3.a above re aeroseal.
   d. Rinnai wall heaters -- Common Assumptions reviewed with distribution and found it not cost-effective. ***ART*** will confirm that there are applications with no distribution (or just fans) and thus at much less cost, which will probably be cost-effective, gas steam to gas (savings custom), e.g., Lunenberg HA installation,

CLC experience (OK with tight air sealing and room-to-room venting). Need full winter's data. Avoid fuel-switching.

e. Doors – already approved for non-LI
ART: checking cost-effectiveness based on data from Kim
f. Windows – if cost-effective per NEAT
g. Smart strip – Allan Telio of Belkin offered to provide Quick Guide with 800# -- Status? ***DEBI***
h. Others?

11. New measure implementation reports – outdoor resets, a/c replacements, Brushless fan motors for gas furnaces, LEDs (1 job at WM), Smart strips (NGrid, WM, FGE moving forward)

12. Refrigerator thresholds, repairs and replacements (DEBI, KIM, ART) Defer? kWh/yr usage thresholds vary (WM 1059, NS 928, NG 836 if before 1989-960, CLC (same as NG?), FGE (same as NG?) – AGREED that thresholds should be uniform at the most generous level, ***ALL***
    i. to send thresholds to ***DEBI,*** who will report
    ii. all use 19-year life
    iii. repair policies vary (WM w/in 3 yrs, NS case-by-case w/in 2 yrs, NG 5 yrs if in same location)
    iv. replacement policies (NS every 10 years)
    v. Margaret: "**The refrigerator link mentioned on Thursday is as follows: http://www.kouba-cavallo.com/refmods.htm." [**Refrigerator and Freezer Energy Rating Database]

13. CFL lives – ***MARGARET***

14. 2012 Metrics –
    #1. Best Practices Measures – MAKE ASSIGNMENTS
    Super insulation such as aerogel, U-vacua,
    Identify application parameters for SDHW,
    Identify application parameters for MCHP,
    Pilot comprehensive work in MF buildings with very high WEGO scores to include steam distribution system replacement,
    Behavior-based pilot measures (if feasible and available)
    Measures from National Survey [already referred to Common Assumptions]
        1. Duct repairs
        2. MF clothes washers
        3. Occupancy sensors
        4. MF exterior photocells
        5. Combined heat and hot water (MF and SF)
        6. Bi-level lighting controls
    #2. MF Building Inventory (year 3 of 4)

15. Coordinating background checks – agreement in principle but issues:
    a) Background check requirements differ
    b) Cost-sharing
    c) Share database
    d) Exceptions are individual

16. Major repairs (roofs, structures, knob & tube) CRAIG
    a) No roofs without insulation savings
    b) No roof where insulation already installed

17. Other matters?

RESOLVED AT NOVEMBER 2011 MEETING

1. Heat Pump Water Heaters approved per TRM.
2. Fireplace inserts rejected as providing insufficient savings.
3. Roof repairs: No roofs without insulation savings, No roof where insulation already installed

RESOLVED AT SEPTEMBER 2011 MEETING:

1. Bathroom exhaust fans (health and safety requirement) will be paid out of minor or major repair budgets for stand-alone jobs (i.e., where there are no DOE funds).
2. Bi-monthly billing approved (to accommodate loss of ARRA advance) except National Grid, WMECo (billing any time); Berkshire billing via CET.
3. If there is a problem with an invoice, PAs will process and pay that portion of the invoice for which there is no problem rather than hold up the entire invoice.
4. * No cost-effective innovative roofing products at this time.
5. No changes in TLC Kit at this time.

RESOLVED AT AUGUST 2011 MEETING:

1. Confirming our approval of repairs, WMECo found a BCR of 1.62.
2. Expansion of air conditioner replacement measure (contractor model) Previous agreement: client must be home during day so timer not useful Savings are principally demand and NEBs Agreed: replace low-efficiency A/Cs that are used during the day, using SEER to decide Agreed: no annual removal by agency, which however will provide education (including seal and cover as fallback to removal) Agreed: Savings per TRM, or computed actual
3. Where sheet metal license required to install dryer or bathroom vent, use PVC instead (insulated if in attic).
4. Hockey stick, pipeline reporting (per agreement)
   Agreed: agencies will provide queue information now provided to DHCD; this situation will ease post-ARRA when the ratio of stand-alones will substantially increase [note also that the 2011 hockey stick is greatly attenuated: on average, more than 40% of the 2011 budgets were expended at mid-year]
5. Discussion of impact evaluation with Cadmus
    a. Cadmus will get back re: screening tool
    b. Wait for Cadmus proposal re: measure naming (what's wrong with DOE list?, PAs: does not seem like an operational problem except for evaluator; seems to be a TRM issue)
6. Approval of LED CR-6 confirmed.
7. Philips 12.5w 60w 25,000 hour replacement at $40 probably cost-effective but costly so too soon to adopt; note that it is hot, dimmable, indoor use only
8. * Brushless fan motors for gas furnaces – Common Assumptions approved based on TRM assumptions

RESOLVED AT MAY 2011 MEETING:

1. Air sealing of windows: continue current case-by-case approach.
2. Borate in place of aluminum sulfate: confirmed that this is not an issue.
3. Accounting for cross-fuel savings, e.g., gas savings where DHW measures installed by electrics: continue current practice at NU where gas PAs (CMA, Berkshire) reimburse electrics and claim savings if also gas heat. Unitil will not do this. NSTAR, New England, National Grid either absent or offered no opinion.
4. Outdoor resets: Accepted as a measure since Common Assumptions TRC BCR = 0.97 with conservative assumptions and is approved measure in TRM with 15 year life instead of Common Assumptions 5 years. Noted also that cost-effectiveness requirement is only at the program level.
5. * Foundation foam, e.g., 2 inch inside: rejected on cost grounds.
6. * Ductless mini-split electric space heaters – as supplement to resistance heating and some cooling benefit but not effective below 10-20 degrees – at prior meeting, CLC reported BCR of 0.87, Glenn reported pilot did not pass at current costs. Rejected on cost grounds.

LOW INCOME BEST PRACTICES AGENDA
For Thursday, March 1, 2012
At CMA, Westborough
Call-in: 1-888-481-1480 ID:7341

Reports to be made ***bolded & italicized***

1. **Preliminaries**: note taker, next meeting (May 1 at CMA), amendments to agenda, corrections to e-list, corrections to notes. PA Liaison to RMC (Cheryl Harrington, NSTAR).
    a. RMC proposal (attached): The LEAN Best Practices and Multi-Family Advisory Group are LEAN entities that LEAN established and relies on to further its statutory role to deliver low-income programs. They are not PA or EEAC entities. Note also that there is no current LEAN representation on the RMC, no LEAN access to the shared "Huddle" site, no LEAN participation in development of the proposal, and, until it was demanded, not even notice to LEAN of the existence or content of the proposal. In any event, it is not practical or convenient for LEAN to adopt the proposed templates, though the desired information is contained in the materials LEAN publishes (except for agenda times, which, in the interest of open discussion, is not reliably predictable except for scheduled appearances).
    b. Addition of LEAN to RMC and Huddle site to foster better communication. (Art Wilcox represents LEAN on Massachusetts Technical Advisory Committee.)
2. **Contractor training and recruitment, Auditor training, DHCD Report**, 2012 needs? – ***CRAIG AND DAVID***
    i. ARRA WAP (extension past 3/31/12)
    ii. DOE WAP FY 2012 (cut much less sharp than predicted, from 4/1/12; 2013?)
    iii. HEARTWAP $10M, down from $12M
    iv. DOE mandated Health & Safety Measures going forward
    v. HEARTWAP FY 2012 (began 10/1/11)
    vi. WAP Contractor & Energy Auditor Training completed – no current need going forward a. new DOE requirements re OSHA will require training, funding scheduled from DHCD via SMOC, Green Jobs Academy, T&TA

vii. New contractor pricing -- contractors need to understand that low-income certification is not equivalent to MassSAVE ; there was a suggestion for a precautionary prohibition against drop-shipping

3. ***BRUCE, ART*** – **Update re SDHW, microCHP, *aerogel**

coordinate with CEC/DOE SERC in early or mid-2012, when data will be available from CEC/SERC project (PA case-by-case interest) interconnect issues (note DPU 12-01 re net metering tariff): 3-4 month installation delays. update [SDHW and MCHP underway; SDHW costs have been driven down by project; some data later this fall; aerogel later, costs to include finish work; CEC contract renewed; SERC will extend with ARRA]

November report:
SDHW:
- 6 complete
- 5 in construction, will be completed before Thanksgiving
- 4 more to begin construction before Thanksgiving, complete by Christmas
- 2 more bid out, contractor selection pending; will begin installation in December
- 3 in pipeline to be completed in January and February
- 20 systems total, combination of CEC and SERC funding; all currently available funding will be spent out by February.

CEC renewed to install additional 16+ systems in calendar 2012, mostly SDHW but also solar thermal (heat). See program announcement attached.

MCHP:
- 3 complete
- 4 scheduled for installation before Thanksgiving
- 2 scheduled for installation soon after Thanksgiving
- 4 being bid out this week; scheduled for installation by Christmas
- 7 additional sites have been initially assessed; will be RFP'd in December
- 6 other sites have been proposed by owners.
- Available funding for approximately 25 systems.

Aerogel: 2 scoped and contracted and scheduled; one to be completed by New Year's, the second shortly after New Year. These 2 projects will spend out the available funding.

4. **Program issues**

a. Address caps for Wx, heating systems post-ARRA (DEFER)
b. Residential customers at 61-80% of median income, who very often cannot participate because they cannot afford co-payment
   i. Pilot in 2012 (no budget changes), with full rollout in 2013 (with appropriate budget adjustment to account for larger pool of participants). Note that some 60-80% have been served for years.
   ii. Expansion of low-income program, so new participants receive same program.
   iii. Cost (and cost-effectiveness) must take into account costs of outreach, application, income certification.

5. **Code issues**

a. ***DAVE LACHOWSKI*** -- Update re requirement for architect for greater than 35000 cu ft? Need a panel of no-cost architects/engineers? Problem may be in 20 cities and towns, especially Pittsfield. John Wells will identify.
b. Stretch Code? Should not be an issue for retrofits.
c. ***DAVID FULLER*** – Report re: other building code issues brought to attention; all to continue to send David your problems.

6. **Low-Income Multi-Family Program issues** (per agreement)
a. Pricing for large scale projects – competitive bidding v. other approaches (DEFER)
b. Air sealing cap (DEFER)
c. Pilot heating distribution system replacement to test cost-effectiveness (possible NSTAR EOP funding in old Comm. Elec. territory) (Now included in 2012 Metrics)
d. Building inventory

7. **Goal-setting and budget discussion** -- update re avoided costs (including carbon compliance, economic development) and NEBs, possibly at issue in MTM cases, 11-120, and three-year plans. Budgets and savings goals should be easily negotiated once measure savings are established. Cost-effectiveness (avoided cost and NEB issues) may be more difficult.

8. **2011 Metric progress reports**
1 (Hard to Reach Landlords) – Report filed Feb. 28.
2 (New Measures) – Report filed Feb. 28.
3 (MF Building inventory) – Report completed?

9. **Cadmus measure recommendations**
a. referred to ***Common Assumptions*** in November:
i. Duct repairs
ii. MF clothes washers
iii. Occupancy sensors
iv. MF exterior photocells
v. Combined heat and hot water (MF and SF)
vi. Bi-level lighting controls
b. ***ART*** -- Hours of use thresholds for replacement dehumidifiers – Cape Light experience
c. Heat Pump Water Heaters – OK per TRM – NOTE that RMC has been overseeing pilots for HPWH, SDHW, and Brush Fan Motors – Communications issue – per John Livermore: RMC gets input on new measures from Tech. Advisory Committee, then refers to program working groups [apparently not including LEAN], which make program design decisions and report back to RMC [analogous to BP-> Common Assumptions -> BP protocol] – THUS LEAN REPRESENTATION ON RMC WILL MINIMIZE COMMUNICATIONS GAPS
d. Conclusion for LEDs is to keep watching as prices decline. ***DEBI*** will follow up with EFI. See 10b, below.
Commercial rebates -- why not LI program? Frank Gundal re commercial?

10. **New measures** (all low-income programs) (measures for 2012 Metric 2 marked by *) – also see item 9 above.
a. * **Grounded Power** demand control pilot – sent back to Common Assumptions to analyze as 2012 or 2013 pilot per metric 2, awaiting confirmation of costs from

Grounded Power/Tendril. (DEFER: expect to hear from Tendril in January. Tendril is not communicating.)

b. * **LEDs**
   i. Review January decision re: one 60w equivalent per HH
   ii. ***KIM*** reviewing 40w equivalent
   iii. Commercial rebates (above)
   iv. What other lamps should we be looking at? Note that selection is widening and prices are dropping faster than expected. Where is TRM on this?

c. * Aerogel – wait for test under DOE SERC (***BRUCE***). Other super-insulation products (aeroseal?Vacuoa?)?

d. Rinnai wall heaters -- Common Assumptions reviewed with distribution and found it not cost-effective. ***ART*** confirmed that there are applications with no distribution (or just fans) and thus at much less cost, which may be cost-effective, gas steam to gas (savings custom), e.g., Lunenberg HA installation, CLC experience (OK with tight air sealing and room-to-room venting). ***BUT need full winter's data*** (so defer). Avoid fuel-switching.

e. Doors – already approved for non-LI. ***ART, KIM, RILEY*** to consult (TRM passed at $400 cost).

f. Windows – ***KIM*** will screen at $320 cost for argon double pane replacing single glased in poor condition. If approved, must be part of comprehensive whole house approach.

g. Smart strip – Allan Telio of Belkin offered to provide Quick Guide with 800# -- Status? ***DEBI***

h. Others?

11. **Field testing** of approved new measures!
    super insulation, eg, U-vacua, Aerogel (SERC-CEC)
    new LEDs
    parameters for SDHW installation (SERC-CEC)
    a/c replacement thresholds
    higher-tiered heating and HW (what exactly is this?)
    MF distribution (NSTAR pilot)
    MF clothes washers
    Grounded Power (dead)
    MF common area lighting controls
    MF duct repair
    MF CHP (SEC-CEC)
    dehumidifier replacement

12. ** **Refrigerator thresholds**, repairs and replacements (***DEBI, KIM, ART***) Deferred to this meeting, when new prices known.
    kWh/yr usage thresholds vary (WM 1059, NS 928, NG 836 if before 1989-960, CLC (same as NG?), FGE (same as NG?) – AGREED that thresholds should be uniform at the most generous level, ALL to send thresholds to DEBI, who will report
    all use 19-year life
    repair policies vary (WM w/in 3 yrs, NS case-by-case w/in 2 yrs, NG 5 yrs if in same location)
    replacement policies (NS every 10 years)
    Margaret: "The refrigerator link mentioned on Thursday is as follows: http://www.kouba-cavallo.com/refmods.htm." [Refrigerator and Freezer Energy Rating Database]

13. **CFL lives**
    a. ***MARGARET*** creating list of 10,000 hour lamps based on EFI recommendations re quality and price (***CRAIG*** sending Margaret EFI recommended list)
    b. Discussion of impact of new federal standards

14. **Coordinating background checks** – agreement in principle but issues include:
    a. Background check requirements differ
    b. Cost-sharing
    c. Share database
    d. Exceptions are individual
    e. Employees may move from one PA to another
    MARGARET re National Grid-sponsored Feb. 7 meeting

15. **TRM**
    a. Examples of anomalies
        i. TRM (pp. 54-55) specifies that replacement refrigerators in single-family low-income homes have a lifetime of 19 years and savings of 1122 kWh/year, based in part on the assumption that the alternative is a "used inefficient unit." Yet the TRM specifies a measure life of only 12 years for multi-family installations, with a remaining life of the existing refrigerator of only a year and nothing said about the likely alternative. A reference is given to an Energy Star page (www.energystar.gov/.../business/bulk_purchasing/bpsavings_calc/Consumer_Residential_Refrig_Sav_Calc.xls - 2009-05-0) that states a 12-year life (nothing about the life of the existing unit) but is clearly not referring to low-income installations. The TRM specifies annual savings for an LIMF refrigerator as being the same as for non-low-income and sets the amount at 80 kWh for the life of the new refrigerator plus 884 kWh per year for the remaining life of the old refrigerator.
        ii. Lighting changes to reflect federal standards (see above).
        iii. LEDs.
        iv. Calculated actual savings exceed TRM deemed values (refrigerators, lamps, fixtures, repairs) – e.g., for CFLs, 55-65 actual vs.41 deemed, for electric Wx, ~4000 kWh actual vs. 374 deemed.
        v. Oil heating and weatherization savings should be stated as kWh equivalent. E.g., oil Wx now gets 70 kWh, less than two CFLs. b. Process is obscure, not transparent, and does not consistently include LEAN although there is often no other source for low-income-specific perspective.

16. **2012 Metrics** –
    #1. Best Practices Measures – MAKE ASSIGNMENTS
        Super insulation such as aerogel, U-vacua,
        Identify application parameters for SDHW,
        Identify application parameters for MCHP,
        Pilot comprehensive work in MF buildings with very high WEGO scores to include steam distribution system replacement,
        Behavior-based pilot measures (if feasible and available)
        Measures from National Survey [already referred to Common Assumptions]
            i. Duct repairs
            ii. MF clothes washers
            iii. Occupancy sensors

iv. MF exterior photocells
v. Combined heat and hot water (MF and SF)
vi. Bi-level lighting controls

#2. MF Building Inventory (year 3 of 4)

17. **Other matters**?

RESOLVED AT JANUARY 2012 MEETING

1. Air conditioner replacements approved.
2. Borates not a practical problem.
3. New measure pricing before the next procurement will be addressed at Best Practices as needed.
4. Although it does not appear to be a problem, vermiculite testing will be done at several spots, where appropriate, with care for worker safety. DOE rule is do not introduce vermiculite into living space.
5. Replacement of wood stoves approved on a case-by-case basis.
6. Philips 12.5w 60w 25,000 hour replacement at $40 is cost-effective against incandescent but not CFLs (Kim Crossman, for Common Assumptions).
7. Agreed to install one 60w equivalent LED per household where appropriate and sufficient budget, noting MF budgets likely to be especially adequate.
8. Landlord heating program (2011 Metric 1) adopted, with landlord agreement re rent freeze.

CEC LEAN 2012 SOLAR PROGRAM ANNOUNCEMENT

The Low-income Energy Affordability Network is pleased to announce that they have received another round of funding from the Commonwealth's Clean Energy Center to install solar thermal systems on eligible Massachusetts facilities. Discussed below are guidelines that will be used in selecting projects for the coming year.

Eligibility:
Eligible properties are those residential and nonprofit facilities that primarily serve residents and participants who are at or below 60% of median income.

One of our primary goals is to distribute the program benefits as widely as possible, to save money for owners and residents, but also to educate participants and their communities about the costs and benefits of solar thermal. Thus, if your organization was served in last year's program, LEAN is unlikely to fund another project. Likewise, an organization may submit more than one application for this year's program, but, no organization will receive funding for more than one project. The exception to that selection guideline might be if your organization had an oil or electric fueled property that would be a good fit for our research objectives.

Locations:
This year's program will fund approximately 16 solar thermal projects. We would like to distribute the projects around the state, installing roughly 4 projects each in the northeast area, southeast area, greater Boston area, and the central Massachusetts area. Storm damaged properties in the Springfield area would be of particular interest. In the last round of installations, there was only one project from the southeast area (including the Cape), thus this also will be a priority area.

We cannot serve customers of Municipal Light Plants that do not contribute funding to the CEC.

Solar thermal end uses:
We expect to fund mostly SDHW residential projects, but we are also looking for opportunities to apply the solar thermal technology in space heating. LEAN would also be interested in a solar thermal applications that address humidification problems, e.g., as with swimming pools.

Facility size; fuel; New Construction:
We are looking for a minimum threshold size of about 60 residents or 1000 gallons of hot water usage daily.

In last year's program, we served primarily natural gas customers. Thus, for the coming year we are planning to prioritize facilities where oil, propane, or electricity are used to make DHW or space heat.

Last years' program installed SDHW on several new construction projects. For a variety of reasons, the savings from NC installations tend to be lower per dollar invested compared to retrofitting existing facilities. Therefore, an emphasis in this year's program will be on serving existing structures.

When:
The program will begin accepting applications March 1st and operate through the end of the year. However, we are aiming to assemble our tentative project list by mid spring. Thus, the earlier we have the completed application, the more likely it is to be considered for this year's program. We hope to complete installations by Thanksgiving.

How to apply:
If interested, please complete the attached 2 forms, provide the building plans, and utility usage information for your facility, and send this information to me via email. As mentioned above, the sooner we receive this information the better chance your application has to be funded. Incomplete applications cannot be reviewed, so please ensure that you have addressed all of our information requirements.

If your organization applied last year and was not funded, a new application needs to be submitted.

FYI, I have attached a summary of the SDHW projects that were funded last year with a combination of CEC and DOE Stimulus funds.

Please feel free to forward this information.

We hope to hear from you soon,

Bruce Ledgerwood, Manager
LEAN Alternative Energy Program

February 27, 2012

Meeting Minutes
March 1, 2012

MEETING PARTICIPANTS

LEAN - Jerry Oppenheim
EEAC – John Livermore
Columbia Gas of MA – Kara Gray
NSTAR - Bill Stack, Cheryl Harrington, Riley Hastings
National Grid – Michael Rossacci, Kim Crossman
Cape Light Compact – Margaret Song
Action, Inc – Craig Brown
SMOC – Paul Jackson

ADDITIONAL PARTICIPANTS

LEAN – Art Willcox
DHCD – David Fuller
Berkshire Gas – Robert Gyurjan
WMECo – Debi Sas, John Walsh
GLCAC – Al Mickee
HAC – Nancy Davison
Community Action – Peter Wingate

CURRENT ACTION ITEMS:

ACTION:

1. Update Lynda Roe's email address to Lynda.Roe@us.ngrid.com (**Jerry Oppenheim**)
2. Remove Gail Azulay and Ellen Pfeiffer from email distribution list (**Jerry Oppenheim**)
3. Compile meeting minutes & distribute for review **(Cheryl Harrington)**
4. Prepare and distribute explanation for each measure that increased over 5% **(Craig Brown)**
5. PA's to discuss pricing via conference call on Wednesday, March 7 @ 10:30am **(ALL PA's)**
6. Provide detailed report to Best Practices on completed SDHW projects including costs and savings calculations (**Art Willcox**)
7. Forward information to Best Practices on site tour of SDHW project (**Art Willcox**)
8. The notes distributed by Jerry need to be updated to reflect that the Metric 3 report were actually received on January 31st (**Jerry Oppenheim**)
9. Coordinate presentation on LEDs from Steve Lavalle, EFI at the next Best Practice meeting on May 1 (**Debi Sas**)
10. Discuss approval of doors as an approved measure for non Low Income with GDS (**Art Willcox**)
11. Field testing and implementation of approved measures within program (**ALL PA's**)
12. Common Assumptions to screen double pane window replacement (**Kim Crossman**)
13. Common Assumptions review and recommendation of Refrigerator Threshold comparison (**Kim Crossman**)
14. Determine if there are higher tiered AC Unit offerings and if so, refer to Common Assumptions for screening of cost-effectiveness (**Cheryl Harrington**)
15. Develop draft of research plan and distribute to PA's for review prior to conference call on March 7th (**Cheryl Harrington**)
16. PA's to research plan via conference call on Wednesday, March 7 @ 10:30am **(ALL PA's)**

17. Develop list of current discrepancies of savings calculations and measure life to be reviewed by Common Assumptions once Cadmus Evaluation is completed (**Jerry Oppenheim**)

MEETING MINUTES:

Preliminaries
Speaker: Jerry Oppenheim

- Addition of LEAN to RMC and Huddle site to foster better communication
- LI BP will begin to use this Meeting Minutes and Agenda template and the PA's will take turns taking meeting notes and distributing the meeting minutes for review by all participants – *Cheryl Harrington will do this meeting and Kara Gray will do next meeting*
- Corrections to email list

ACTION:

1. Update Lynda Roe's email address to Lynda.Roe@us.ngrid.com (**Jerry Oppenheim**)
2. Remove Gail Azulay and Ellen Pfeiffer from main distribution list (**Jerry Oppenheim**)
3. Compile meeting minutes & distribute for review **(Cheryl Harrington)**

DHCD Funding Update
Speaker: David Fuller

- ARRA WAP:
  - Extension for spending ARRA Funding is extended until 9/30/12 *(No additional dollars just additional time to spend existing money)*
  - MA anticipates closing out the projects by June

- DOE WAP FY 2012:
  - Funding will be available between 4/1/12 – 3/31/13
  - Anticipated cut in funding was much less sharp than predicted – MA to receive $5.1 million
    - Funding is being moved around to states that have spent ARRA funds (i.e. MA) while those states that have not spent ARRA funding (i.e. NH) will not be receiving DOE WAP funds as they will need to rely on their ARRA funds
    - Received authorization to use unspent money from 2009 & 2010
  - In 2012, the per unit cost will be lower to spread the funding and assist more clients and allow to piggyback on utility funding as much as possible
  - DOE is mandating Health & Safety measures going forward
    - Maximum CAP amount = $10,000/unit (for both health & safety measures as well as repairs)
    - Average spend for repairs on eligible weatherization measures = $600/unit; however, the maximum CAP amount = $2,500/unit

- HEARTWAP FY 2012:
  - Funding is down to $10 million from $12 million last year

Contractor Training & Pricing
Speaker: Craig Brown

- New DOE requirements re: OSHA will require training, funding scheduled from DHCD via SMOC, Green Jobs Academy, T&TA
    - There are two levels of training for construction job site safety: OSHA 10 (10 hours of training) & OSHA 30 (30 hours of training) that certify auditors & contractors

- New Contractor Pricing:
    - Received February 23rd
    - Majority of items increased by 5%
    - PA's need explanation of items that increased more than 5%
    - Pricing needs to be approved by PA's by March 15th
    - Labor Only Charge – Typically charged when labor is completed for incapable customers (i.e. elderly)…whenever there is a material cost, it is inclusive of labor

ACTION:

1. Prepare and distribute explanation for each measure that increased over 5% **(Craig)**
2. PA's to discuss pricing via conference call on Wednesday, March 7 @ 10:30am **(ALL PA's)**

SDHW, Microchip & Aerogel Update
Speaker: Art Willcox

- SDHW:
    - 20 systems completed in total for 2011 funding utilizing a combination of CEC and SERC funding.
        - Detailed report on completed sites and savings will be prepared and presented to PA's for cost effective analysis
        - A site tour of one of the recently completed projects will be available for those interested.
    - Another round of funding received from CEC to install approximately 16 solar thermal projects beginning accepting applications March 1st and will operate through the end of the year.
        - Eligibility Information & Application Form sent via email on 2/27/12 from Bruce Ledgerwood, Manager LEAN Alternative Energy Program
        - Expected to fund mostly SDHW residential projects, but are also looking for opportunities to apply the solar thermal technology in space heating.
    - Part of Metric 1 2012

- MicroCHP:
    - Available funding for approximately 25 systems

- Aerogel:
    - 2 projects are in process and the installations are going well. They are scheduled to be completed by March 31st. Currently inspections at the Lexington site.
    - 3rd site has been awarded but will have increased thickness of Aerogel which will increase the R-Value

ACTION:

1. Provide detailed report to Best Practices on completed SDHW projects including costs and savings calculations (**Art Willcox**)
2. Forward information to Best Practices on site tour of SDHW project (**Art Willcox**)

Program Issues
Speaker: Jerry Oppenheim

- Can we serve residential customers at 61-80% of median income?
    - CLC has been serving this population for Weatherization jobs only out of the Residential budget in which the 25% co-payment is waived. CLC considered capping the budget for this initiative but haven't found a need to as of yet. Additionally, CLC does the income verification in-house.
    - LEAN would like to run an initiative in 2012 in which a proportionate share of the residential budget is used for funding…Current questions:
        - Would National Grid be willing to test the initiative?
        - How would the program be managed (residential or low income)?
        - Which measures would be applicable (Weatherization, heating systems, etc)?
        - How do you market to this population? (Affordable Housing Network-Section 8, Good Neighbor Energy, local community organizations, etc.)
    - Before any decisions are made, facts/experience need to be gathered to understand number of potential applicants → DHCD should have the # of applicants and number served over the 60% median income level

- Review of PA max on WAP & HEARTWAP stand alone jobs due to 2 reasons increasing costs:
    - ASHRA 62.2 which states bath fans and ventilation needs to be added to applicable projects
    - Installations of auto water level feeders on new steam distribution systems
        - This should be a standard practice in addition to the installation of a new non-mercury thermostat
    - After discussion, Best Practices determined that the DOE funding is a lot higher than originally anticipated so the number of stand alone jobs should not be significant. Also, the PA's indicated that the current project caps are not being reached so there is no need to increase them…Additionally, PA's will look at projects on a case by case basis

Code Issues
Speaker: Jerry Oppenheim

- Requirement for architect/engineer:
    - Pittsfield is the only place currently with this issue
    - John Wells of ABCD knows of an architect/engineer that can provide work at $100 vs. the current local quotes of $700
- Stretch Code:
    - Should not be an issue for retrofits since we are not opening the cavity
- All continue to send David Fuller other building code issues

2011 Metric Progress Reports
Speaker: Jerry Oppenheim

- Metric 1: Hard to Reach Landlords
    - Report filed February 28th to LEAN…Copy sent to John Livermore and Jerry Lyn Huckabee
- Metric 2: New Measures

  - Report filed February 28th to LEAN…Copy sent to John Livermore and Jerry Lyn Huckabee
- Metric 3: MF Building Inventory
  - Report filed January 31st to LEAN…Copy sent to John Livermore and Jerry Lyn Huckabee

ACTION:

1. The notes distributed by Jerry need to be updated to reflect that the Metric 3 report was actually received on January 31st (**Jerry Oppenheim**)

New Measures Review & 2012 Metrics
Speaker: Jerry Oppenheim

- Cadmus measure recommendations referred to Common Assumptions:
  - Duct Repairs:
    - Common Assumptions still clarifying some issues with duct repairs and will send out the screening report once resolved but initial indications are that it will pass
  - Multi-Family Clothes Washers:
    - Common Assumptions screened this measure and it passed within Multi-Family only when using an existing non-Energy Star electric dryer
  - Multi Family Occupancy Sensors
    - Common Assumptions screened this measure and it passed for use within a common area of a Multi Family building
  - Multi Family Exterior Photocells
    - The exterior photocell is approved for use in a multi-family building when replacing a manually controlled exterior 240 watt fixture
  - Combined Heat & Hot Water (for Single Family and Multi Family)
    - The combination water and space heating system is NOT approved as the benefits are not greater than the costs…Measure had an high cost between $6,000 - $7,000 which gave a BCR of 0.5
  - Bi-level lighting controls
    - Measure will be screened by Common Assumptions shortly
- Hours of use thresholds for replacement dehumidifiers
  - CLC replaced dehumidifiers by way of a rebate and therefore only covered an incremental cost vs. a total cost of approximately $250 - $320 which would be the case for Low Income…Therefore, this measure has been rejected due to cost effectiveness
- Heat Pump Water Heaters
  - Measure was deemed cost effective in January 2012 and will begin to be implemented and field tested
- LED Lights
  - Philips Endura LED 12.5w (60w equivalent) 25,000 hour replacement costs $25.53 via EFI. Measure is deemed cost effective when replacing an incandescent. PA's agreed to install approximately one 60w equivalent per household in 2012
  - 40w equivalent has been run through the BCR and also passes when replacing an incandescent per Kim Crossman
  - Craig advised the group that the Philips Endura LED 12.5W will not be available until April 27th thru EFI
  - Steve Lavalle, EFI to present on LEDs at next Best Practice meeting

- Doors
  - Already approved for non Low Income. To be discussed
- Windows
  - Measure in discussion is an argon double pane and if approved must be part of comprehensive whole house approach.
  - Measure to be screened by Common Assumptions using an average cost of $350 installed replacing a single pane, leaky window in poor condition.
- Smart Strip
  - Debi provided a couple examples of quick guides to be used for customers
- Refrigerator Thresholds
  - Models have changed and pricing is still unknown
  - Comparison chart of PA replacement/repair policies to be distributed and reviewed by Common Assumptions
- High Efficiency Room AC Unit Replacement
  - Per 2012 Metric, need to determine if there are higher-tiered offerings and if they are cost effective
- 2012 Metric 1 – Research plan due by April 1st
  - Best Practices agreed to use the measures from the metric and Cadmus research survey from last year to develop a plan for each as the basis for the Research Plan
  - PA's to discuss at conference call on Wednesday, March 7 @ 10:30am

ACTION:

1. Coordinate presentation on LEDs from Steve Lavalle, EFI at the next Best Practice meeting on May 1 (**Debi Sas**)
2. Discuss approval of doors as an approved measure for non Low Income with GDS (**Art Willcox**)
3. Field testing and implementation of approved measures within program (**ALL PA's**)
4. Common Assumptions to screen double pane window replacement (**Kim Crossman**)
5. Common Assumptions review and recommendation of Refrigerator Threshold comparison (**Kim Crossman**)
6. Determine if there are higher tiered AC Unit offerings and if so, refer to Common Assumptions for screening of cost-effectiveness (**Cheryl Harrington**)
7. Develop draft of research plan and distribute to PA's for review prior to conference call on March 7th (**Cheryl Harrington**)
8. PA's to research plan via conference call on Wednesday, March 7 @ 10:30am **(ALL PA's)**

TRM Discrepancies
Speaker: Jerry Oppenheim

- Use of calculated versus deemed savings
- LEAN to identify list of discrepancies to be reviewed by Common Assumptions after the Cadmus Evaluation is completed
- Cadmus final report due June 1st

ACTION:

1. Develop list of current discrepancies of savings calculations and measure life to be reviewed by Common Assumptions once Cadmus Evaluation is completed (**Jerry Oppenheim**)

LOW INCOME BEST PRACTICES AGENDA
Tuesday, May 1, 2012
At CMA, Westborough
Call-in: 1-888-481-1480 ID:7341
Note: EFI LED presentation at 11:30

Reports to be made *bolded & italicized*

1. **Preliminaries**: note taker (Kara; Cheryl is PA liaison to RMC), next meeting, amendments to agenda, corrections to e-list, corrections to notes. Thanks to Cheryl for notes for benefit of RMC. Additional material appears herein, including agreements reached.

2. **Contractor training and recruitment, Auditor training, DHCD Report**, 2012-2013 needs? – ***CRAIG AND DAVID***
   i. ARRA WAP (extension past 3/31/12)
   ii. DOE WAP FY 2012 ($5.1M from 4/1/12; 2013?) – clarify that $10,000 per unit cap is for all expenditures, not only health, safety, repairs
   iii. HEARTWAP $10M, down from $12M
   iv. WAP Contractor & Energy Auditor Training
   vii. New contractor pricing – issues?

3. ***BRUCE, ART*** – **Update re SDHW, microCHP, *aerogel**
   coordinate with CEC/DOE SERC in early or mid-2012, when data will be available from CEC/SERC project (PA case-by-case interest)
   SDHW tour at NESEA ***ART***
   interconnect issues (note DPU 12-01 re net metering tariff): 3-4 month installation delays update

4. **Program issues**
   a. Address 2013 caps for Wx, heating systems post-ARRA
   To illustrate the upcoming problem, ***Al Mickee*** submits the following data:

   For 29 months of Arra the numbers are:
   - GLCAC/ARRA 604 jobs submitted. $4,278.20 average per job + ***CMA 2009 GLCAC $2,944.48 average per job = $ 7,222.78***
   - GLCAC /ARRA 604 jobs submitted. $4,278.20 average per job + ***CMA 2010 GLCAC $3,245.86 average per job = $ 7,523.38***
   - GLCAC /ARRA 604 jobs submitted. $4,278.20 average per job + ***CMA 2011 GLCAC $2,566.81 average per job = $ 6,845.11***
   - DOE 2009 GLCAC/CTI average per job was $4,834.40 **+** ***CMA 2009 GLCAC $2,944.48 average per job = $ 7,778.88***
   - DOE 2010 GLCAC/CTI average per job was $4,610.29 **+** ***CMA 2010 GLCAC $3,245.86 average per job = $ 7,855.37***

   b. Residential customers at 61-80% of median income, who very often cannot participate because they cannot afford co-payment – nothing new to report
      i. Pilot in 2012 (no budget changes), with full rollout in 2013 (with appropriate budget adjustment to account for larger pool of participants). Note that some 60-80% have been served for years; CLC now runs a different 61-80% program.
      ii. Expansion of low-income program, so new participants receive same program.

iii. Cost (and cost-effectiveness) must take into account costs of outreach, application, income certification.

c. Air sealing practices – how is air sealing currently paid for in other residential programs? ***CRAIG***

5. **Code issues –** nothing new to report; please continue to send problems to David Fuller and Jerry Oppenheim

6. **Low-Income Multi-Family Program issues** (per agreement) – nothing new to report
   a. Pricing for large scale projects – competitive bidding v. other approaches (DEFER)
   b. Air sealing cap (DEFER)
   c. Pilot heating distribution system replacement to test cost-effectiveness (possible NSTAR EOP funding in old Comm. Elec. territory) (Now included in 2012 Metrics)
   d. Building inventory

7. **Goal-setting and budget discussion** – budgets, costs to achieve (savings), NEBs, certain TRMs are (CLFs, MF refrigerators, electric Wx) under discussion.

8. **2011-2012 Metric** progress reports
   1 (Hard to Reach Landlords) – Report filed Feb. 28. Berkshire, CLC, CMA, National Grid, WMECo agreed to run this program going forward. New England, NSTAR, Unitil ?

   2 (New Measures) – Report filed Feb. 28. We define field testing as implementation. Note that Brushless fan motors are not a retrofit item (i.e., replacement systems only).

   3 (MF Building inventory) – CORRECTION: Received Jan. 31.
   2012 #1 - 4 (Research Plan) – filed April 1.

9. **Cadmus measure recommendations**
   a. referred to ***Common Assumptions*** in November:
      i. Duct repairs – likely to pass
      ii. MF clothes washers – passed (distributed earlier)
      iii. Occupancy sensors -- passed (distributed earlier)
      iv. MF exterior photocells -- passed (distributed earlier)
      v. Combined heat and hot water (MF and SF) – not passed (distributed earlier)
      vi. Bi-level lighting controls – pending
      vii. Field testing – see #11.
   b. replacement dehumidifiers not cost-effective
   c. Heat Pump Water Heaters – OK per TRM but questions continue– We will discuss different results from pilots and other experience at Action/NGrid, NSTAR, CLC, NU. ***CRAIG, DAVID MAC, DEBIU, MARGARET***
   d. Cadmus conclusion for LEDs was to keep watching as prices decline. See 10b, below.

10. **New measures** (all low-income programs) (measures for 2012 Metric 2 marked by *)
    a. * **Grounded Power** demand control pilot – sent back to Common Assumptions to analyze as 2012 or 2013 pilot per metric 2, awaiting confirmation of costs from Grounded Power/Tendril. (DEFER: expect to hear from Tendril in January. Tendril is not communicating.)

b. * **LEDs**
   i. Review January decision re: one 60w equivalent per HH (Phillips Endura 12.5w, 25,000 hr, $25.53)
   ii. 40w equivalent also passes
   iii. Commercial "upstream" rebates -- why not LI program? Frank Gundal re commercial? Which lights are eligible? (same lights should be cost-effective for LI***) RILEY***
   iv. What other lamps should we be looking at? Note that selection is widening and prices are dropping faster than expected. Where is TRM on this? Steve Lavelle, EFI will make a presentation **at 11.30.** ***DEBI, Steve Lavelle, EFI*** see sampling of specs attached

c. * Aerogel – wait for test under DOE SERC (***BRUCE***). Other super-insulation products (aeroseal?Vacuoa?)?

d. Rinnai wall heaters -- Common Assumptions reviewed with distribution and found it not cost-effective. ***ART*** confirmed that there are applications with no distribution (or just fans) and thus at much less cost, which may be cost-effective, gas steam to gas (savings custom), e.g., Lunenberg HA installation, CLC experience (OK with tight air sealing and room-to-room venting). ***BUT need full winter's data*** (so defer). Avoid fuel-switching.

e. Doors – already approved for non-LI. ***ART, KIM, RILEY*** to consult (TRM passed at $400 cost). Art consulting GDS re 20 therms savings.

f. Windows – ***KIM*** will screen at $320 cost for argon double pane replacing single glazed in poor condition. If approved, must be part of comprehensive whole house approach.

g. Belkin Smart Strip material distributed earlier ***DEBI***

h. *Higher tiered AC? What is commercially available? ***CHERYL, DEBI***

i. Others?

11. **Field testing** of approved new measures!
    super insulation, eg, U-vacua, Aerogel (SERC-CEC)
    new LEDs
    parameters for SDHW installation (SERC-CEC)
    a/c replacement thresholds
    higher-tiered heating and HW (what exactly is this?)
    MF distribution (NSTAR pilot)
    MF clothes washers
    Grounded Power (dead)
    MF common area lighting controls
    MF duct repair
    MF CHP (SEC-CEC)
    dehumidifier replacement

12. ** **Refrigerator thresholds**, repairs and replacements (***DEBI, KIM, ART)*** See Debi's survey attached. NB: MF.
    kWh/yr usage thresholds vary (WM 1059, NS 928, NG 836 if before 1989-960, CLC (same as NG?), FGE (same as NG?) – AGREED that thresholds should be uniform at the most generous level, ALL to send thresholds to DEBI, who will report
    all use 19-year life
    repair policies vary (WM w/in 3 yrs, NS case-by-case w/in 2 yrs, NG 5 yrs if in same location)

replacement policies (NS every 10 years)
Margaret: "The refrigerator link mentioned on Thursday is as follows: http://www.kouba-cavallo.com/refmods.htm." [Refrigerator and Freezer Energy Rating Database]

13. **CFL lives**
    a. ***MARGARET*** creating list of 10,000 hour lamps based on EFI recommendations re quality and price (***CRAIG*** sending Margaret EFI recommended list)
    b. Discussion of impact of new federal standards

14. **Coordinating background checks** – agreement in principle but issues include:
    a. Background check requirements differ
    b. Cost-sharing
    c. Share database
    d. Exceptions are individual
    e. Employees may move from one PA to another

    MARGARET re meetings

15. **Client education** – At various times, we have used various means of client education, including energy savings tips, walk-throughs, computer printouts, etc. Currently we leave a lead-safe pamphlet, a moisture pamphlet where appropriate, and conduct education orally. The Cadmus process evaluation will suggest we take a closer look at what would be best, including possible uniform written materials.

16. **TRM** – defer, now in MTM proceedings
    a. Examples of anomalies
        i. TRM (pp. 54-55) specifies that replacement refrigerators in single-family low-income homes have a lifetime of 19 years and savings of 1122 kWh/year, based in part on the assumption that the alternative is a "used inefficient unit." Yet the TRM specifies a measure life of only 12 years for multi-family installations, with a remaining life of the existing refrigerator of only a year and nothing said about the likely alternative. A reference is given to an Energy Star page (www.energystar.gov/.../business/bulk_purchasing/bpsavings_calc/Consumer_Residential_Refrig_Sav_Calc.xls - 2009-05-0) that states a 12-year life (nothing about the life of the existing unit) but is clearly not referring to low-income installations. The TRM specifies annual savings for an LIMF refrigerator as being the same as for non-low-income and sets the amount at 80 kWh for the life of the new refrigerator plus 884 kWh per year for the remaining life of the old refrigerator.
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        v. Oil heating and weatherization savings should be stated as kWh equivalent. E.g., oil Wx now gets 70 kWh, less than two CFLs.
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17. **2012 Metrics** –

#1. Best Practices Measures – MAKE ASSIGNMENTS
Super insulation such as aerogel, U-vacua,
Identify application parameters for SDHW,
Identify application parameters for MCHP,
Pilot comprehensive work in MF buildings with very high WEGO scores to include steam distribution system replacement,
Behavior-based pilot measures (if feasible and available)
Measures from National Survey [already referred to Common Assumptions]
i. Duct repairs
ii. MF clothes washers
iii. Occupancy sensors
iv. MF exterior photocells
v. Combined heat and hot water (MF and SF)
vi. Bi-level lighting controls
#2. MF Building Inventory (year 3 of 4)

18. **Other matters**?

RESOLVED AT MARCH 2012 MEETING

1. MF washer w/dryer approved.
2. MF exterior photo cell approved.
3. MC occupancy sensor approved.
4. Combo. Hot water-space heater rejected.
5. Dehumidfier replacement rejected.
6. Berkshire, CLC, CMA, National Grid, WMECo agreed to run SF landlord program going forward.
7. Field testing is defined as implementation.
8. Brushless fan motors is approved only for replacement (forced air) heating systems, not as a retrofit.
9. Fireplace inserts rejected.

Meeting Minutes
May 1, 2012

MEETING PARTICIPANTS

Jerry Oppenheim (LEAN), Bill Stack (NSTAR), Beth Lonergan (National Grid), Kara Gray (CMA), Cheryl Harrington (NSTAR), Linda Roe (National Grid), Mike Rossacci (National Grid), Craig Brown (Action Inc.), Al Mickee (GLCAC), Nancy Davison (HAC), Dave Fuller (DHCD), Dave MacLellan(ABCD), Peter Wingate (CA), Darlene Wong (NCLC), Margaret Song (CLC), Deb Sas (WMECO), Jeanne Cherry (NEG)

ADDITIONAL PARTICIPANTS

Art Willcox (LEAN), Riley Hastings (NSTAR), Robert Gyurjan (Berkshire), John Livermore (Consultant)

CURRENT ACTION ITEMS:

New ACTION Items

- Deb to forward LED cut sheets to the group
- Craig to send product list to four vendors for a request for quotes on lighting products.

- Unitil and NEG to confirm if LL heating system replacement is still an approved measure for LISF.
- Kara to follow up with Duct sealing measure before it is sent to the group.
- Dave MacLellan to write up the protocols for HPWH and Craig and Debi to review
- Art to discuss Quincy project with Debra Hall for Rinnai analysis
- Art to rerun and R5-R7 door with a cost of $610-640
- Kim to run the model for retrofit windows with a 20 year measure life
- Deb to put together refrigerator spreadsheet showing the 2013 recommended threshold along with current 2012 thresholds by PA
- Margaret to pull together some research on Super Efficiency Refrigerators (CEE tier 3)
- Dave MacLellan to share RAC pricing
- Margaret and Craig to develop a list of 10,000 hour measure life CFL products
- All members to share their existing common collateral with the group.
- LEAN to discuss QC in regards to PAs not getting DHCD QC reports

MEETING MINUTES:

Subject Matter - Preliminaries
Speaker: Jerry O

- Next meetings:
  - June 13, 2012 from 10-2 at the new CMA location (4 Technology Drive)
  - August 8, 2012 from 10-2 at the new CMA location (4 Technology Drive)
- Request for agenda to come out earlier so people can come prepared to talk about topics outlined in the agenda.
- No further additions or corrections to email list.
- Previous meeting note changes
  - Deb to be removed from AC higher tier measure
  - Email Jerry if any other changes need to be made

Subject Matter - Lighting procurement
Speaker: all

- Deb to forward LED cut sheets to the group
- Question raised as to whether or not agencies have to use EFI or if they can use other vendors to get better pricing.
  - Currently working under an old MOU with EFI
  - Group decided that the pricing should be revisited
  - Craig to send product list to four vendors for a request for quotes on lighting products. (Whole Energy and Hardware, Munroe Electric, EFI, and Niagara)
  - Additional information needed includes:
    - Warranty
    - Shipping
    - Minimum order quantities
    - Timeliness of service
    - Substitution policy
    - Technical assistance
    - Training

Subject Matter - Contractor training/recruitment, Auditor training, DHCD Report

Speaker: Dave Fuller

- ARRA extension officially through Sept 30 but agencies should be finishing up by end of July
- Some PHA projects will need additional time
- Still waiting on approval for the DOE2012 plan
    - No agency contracts yet
    - ARRA needs to be done first before DOE spending can commence
    - WX cap will be $2500 with repairs
- 2013 DOE budget could be anywhere from $0 – 3 Million
    - For 2013 DOE is contemplating the use of LIHEAP funds for weatherization services
- Three new, experience auditors have been added to the network
- 45 contractors have done their OSHA 30 training through SMOC's Green Jobs Academy
- Measure pricing is PA approved for common measures. PA's will follow up with their lead agency if they have questions with agency specific measures and pricing
- PA's may be asked to fund OSHA and other trainings in the future. In 2012 each agency received an approximate training budget of $3000.

Subject Matter -Innovation Grants
Speaker: Jerry O/Art W

- SDHW
    - 13 completed with SERC funds
    - 6 completed with CEC funds
    - Most are up and running
- MCHP
    - 15 projects
    - 13 completed
    - 2 to be completed in May
    - 11 interconnections are complete
- Aerogel
    - 2 of 3 jobs are completed
    - The third is scheduled to be installed May 23 and completed by June 3
    - Art is impressed with the quality of work
- Art and Bruce will start looking at consumption but won't have much to report until the equipment functions through a full heating season. Art and Bruce will work to get results sooner for SDHW since a full heating season is not necessarily required.

Subject Matter - Program Issues
Speaker: all

- 60-80%
    - Not much to report
    - Agencies may approach some PAs to test how this would work on a small scale
- Air sealing
    - Contractors claim they are making more money on non -low income jobs for air sealing. They get paid by some PAs by sqft of attic allowing them to get paid for more hours than sometimes needed without the same level of scrutiny that the LI places on them
    - Anecdotally, contractors are not always complying with safety and other guidelines due to less oversight in the non-low income program. Contractors

have already been suspended from both programs but there may be more out there that are not in compliance. The PAs have QC by their lead vendors as well as independent QC by CRI and these situations should be identified. Margaret notified some members of the HES working group to review the issues.

- CAPS
    - Al Mickee pointed out that the average jobs are well over $6000. With ARRA funds going away and more reliance on PA funds, the existing caps of $4500 may not be sufficient for late 2012 and 2013.
    - At the last meeting we decided that PAs would look at jobs on a case by case basis. Al points out this could be the norm vs. the exception in the near future so we should continue to look at this.
    - Those claiming deemed savings can be heavily impacted by such a change.
    - Others with site specific savings will need to ensure the savings accompany the increase in cost in order to maintain cost-effectiveness
    - No decision to be made today but agencies and PAs will continue to look at trending of job costs. For now, agencies should get approval (from PA or Lead Vendor) to go over the $4,500 weatherization limit.

Subject Matter - Quick takes
Speaker: Jerry O

- Code Issues - Nothing new to report
- Low Income Multifamily Program Issues - Nothing to report
- Goal Setting and Budget Discussions - being discussed at the higher level at this point, no need to discuss at Best practices today
- TRM – Being address in the MTM
- NEBS – good progress
- Metrics – 2012 research plan filed. Next milestone is July 15 to report any new measures that were screened since the filing of the research plan
- Field Testing – now defined as implementation
- Brushless fans – Determined that this measure was not for retrofit application in low income but rather an upgrade to a heating system replacement
- LL heating system replacements – approved by most PAs; Unitil and NEG to confirm if this is still an approved measure.
- Background checks – nothing to report. Another statewide meeting is scheduled and Margaret will update us at next LIBP

Subject Matter - New Measures
Speaker: all

- Duct Repairs have been screened. Kara to follow up with a minor correction before it is sent to the group.
- Bi-level controls – did not pass (0.6)
- Clothes washer clarification – passed at $865 with an existing electric dryer, does not pass with existing gas dryers
- HPWH
    - Craig has completed one in his territory
    - Application is key. Need the right location and the right contractor,
        - 1000 cubic ft of space around the unit
        - Area can't go below 45 degrees
        - Sucks heat out of the boiler room causing heating systems to work harder

    - High potential for bad installs
    - Maintenance is necessary and could require the agencies to go back annually to change out filter
    - Savings is substantial (half of an electric water heater)
    - In 2015, customer won't have a choice as this will be the standard offering
    - CLC has had good experience with GE customer service
    - Dave MacLellan to write up the protocols and Craig and Debi to review
- Rinnai
    - Art looking at performance. Will attempt to normalize data
    - Dave Fuller mentioned that Quincy PHA installed 400 units
    - Art to discuss Quincy project with Debra Hall
- Doors
    - Art to rerun and R5-R7 door with a cost of $610-640
- Window
    - Nothing to report at this time. Kim Crossman needs lifetime savings for a retrofit window. DOE uses 20 years. Kim to run the model with this information
- Refrigerators
    - In 2012, PAs will stay with current thresholds. In 2013, all will adopt WMECO methodology
    - Deb to put together spreadsheet showing the 2013 recommended threshold along with current 2012 thresholds by PA
    - Deemed savings are being claimed
    - Margaret to pull together some research on Super Efficiency Refrigerators (CEE tier 3)
- Higher Tier AC/ RAC
    - Nothing to report. The Appliance team is currently looking at this and Cheryl H will update the group when more information is available.
    - LIMF air conditioning units – Deb wasn't sure how to handle these. Agreed approach is to have RAC as a recommended measure and if it passes the screening then it should be offered.
    - Dave MacLellan to share RAC pricing with group
    - AC covers – maintenance issues and ongoing cost doesn't make this a good measure for the program.
- CFL list
    - Margaret and Craig to coordinate. They will develop a list of 10,000 hour measure life products. Information will help update the figures in the TRM and allow for more savings to be claimed.

Subject Matter - Client Education
Speaker: all

- Should the group be contemplating common leave behinds?
- HES group has had good feedback
    - Folks to share their existing common collateral with the group.
    - Wmeco implemented a "kitchen table wrap up" where the customer and auditor sign that they reviewed energy education/checklists
    - Need to consider multilingual options

Subject Matter - Other
Speaker: Kara G.

- With additional DOE then first anticipated, how are CRI QC quotas affected?
- It is anticipated that 5% of standalone jobs will last through 2012 for CRI
- Kara points out that CMA has not received any DHCD reports. GLCAC and DHCD state that DHCD may not necessarily be getting to gas jobs as they are picked at random.
- This is a concern and not what LEAN proposed. LEAN to discuss on ways to correct this.

LOW INCOME BEST PRACTICE AGENDA
For Wednesday, June 13, 2012
At ABCD, Boston
Call in: 1-781-441-3101 code 3875 (thanks, Cheryl)

Reports to be made ***bolded & italicized***

1. **Preliminaries**: note taker, next meeting (previously agreed to be August 8 at CMA, 4 Technology Dr., Cape? Western Mass.?), amendments to agenda, corrections to e-list, corrections to notes, hard ending time? Thanks to Kara for notes of May 1 meeting for benefit of RMC. Note that this document is the agenda for June 13. Additional material appears herein, including agreements reached (listed in History).

2. **Contractor training and recruitment, Auditor training, DHCD Report**, 2012-2013 needs? – ***CRAIG AND DAVID***
   i. ARRA WAP (extension to 9/30/12, but agencies will finish earlier)
   ii. DOE WAP FY 2012 ($5.1M from 4/1/12; 2013?)
   iii. HEARTWAP $10M, down from $12M; possible use of LIHEAP funds for Wx in 2013
   iv. WAP Contractor & Energy Auditor Training – PA support needed in 2013, 2012?; Affordable Comfort, Springfield, October.

3. ***BRUCE, ART*** – **Update re SDHW, microCHP, *aerogel**
   coordinate with CEC/DOE SERC in early or mid-2012, when data will be available from CEC/SERC project (PA case-by-case interest) – SDHW, MCHP
   interconnect issues (note DPU 12-01 re net metering tariff): 3-4 month installation delays update

4. **Program issues**
   a. Continue discussion of 2013 caps (now $4500 + major repairs) for Wx, heating systems post-ARRA
      To illustrate the upcoming problem, ***Al Mickee*** submitted the following data: For 29 months of Arra the numbers are:
      - GLCAC/ARRA 604 jobs submitted. $4,278.20 average per job + ***CMA 2009 GLCAC $2,944.48 average per job = $ 7,222.78***
      - GLCAC /ARRA 604 jobs submitted. $4,278.20 average per job + ***CMA 2010 GLCAC $3,245.86 average per job = $ 7,523.38***
      - GLCAC /ARRA 604 jobs submitted. $4,278.20 average per job ***+ CMA 2011 GLCAC $2,566.81 average per job = $ 6,845.11***
      - DOE 2009 GLCAC/CTI average per job was $4,834.40 + ***CMA 2009 GLCAC $2,944.48 average per job = $ 7,778.88***

- DOE 2010 GLCAC/CTI average per job was $4,610.29 **+ *CMA 2010 GLCAC $3,245.86 average per job = $ 7,855.37***

b. Residential customers at 61-80% of median income, who very often cannot participate because they cannot afford co-payment – nothing new to report
   i. LEAN is proposing Pilot in 2013 (no budget changes), with full rollout thereafter if pilot proves out (with appropriate budget adjustment to account for larger pool of participants). Note that some 60-80% have been served for years; CLC now runs a different 61-80% program.
   ii. Expansion of low-income program, so new participants receive same program.
   iii. Cost (and cost-effectiveness) must take into account costs of outreach, application, income certification.

c. Air sealing practices – PAs reporting back re: non-low-income QC ***BETH, BILL STACK***

d. SF LL heat program (where tenants pay for heat) – New England Gas? ***Jeanne***

e. Electric Wx deemed savings – evaluation will significantly increase this value (x 4+), which should be adopted in field immediately

5. **Code issues –** nothing new to report; please continue to send problems to David Fuller and Jerry Oppenheim

6. **Low-Income Multi-Family Program issues** (per agreement) – nothing new to report
   a. Pricing for large scale projects – competitive bidding v. other approaches (DEFER)
   b. Air sealing cap (DEFER)
   c. Pilot heating distribution system replacement to test cost-effectiveness (possible NSTAR EOP funding in old Comm. Elec. territory) (Now included in 2012 Metrics)
   d. Building inventory

7. **Goal-setting and budget discussion** – budgets, costs to achieve (savings), NEBs, MF refrigerators in TRM (MTM), SF evaluated savings under discussion. Retroactive to 2011 Annual Report, preliminary BCRs 2.0+.

8. **2011-2012 Metric** progress reports
   2012 #1 (Research Plan) – filed April 1. New measure screening report due July 15.

9. **Cadmus measure recommendations**
   a. referred to ***Common Assumptions*** in November:
      i. Duct repairs – passes
      ii. MF clothes washers – passed w/electric dryer (distributed earlier)
      iii. Occupancy sensors -- passed (distributed earlier)
      iv. MF exterior photocells -- passed (distributed earlier)
      v. Combined heat and hot water (MF and SF) – not passed (distributed earlier)
      vi. Bi-level lighting controls – ***did not pass, needs review***
      vii. Field testing – see #11.
   b. replacement dehumidifiers not cost-effective
   c. Heat Pump Water Heaters – Discussion of draft protocol .Issues include: quality of unit, location, appropriateness to household needs, installation, maintenance (w/o HWAP) ***DAVID MAC, WITH CRAIG, DEBI***

10. **New measures** (all low-income programs) (measures for 2012 Metric 2 marked by *)
    a. * **Grounded Power** demand control pilot – sent back to Common Assumptions to analyze as 2012 or 2013 pilot per metric 2, awaiting confirmation of costs from Grounded Power/Tendril. (DEFER: expect to hear from Tendril in January. Tendril is not communicating.)
    b. * **LEDs, lighting**
        i. Review January decision re: one 60w equivalent per HH (Philips Endura 12.5w, 25,000 hr, $25.53) – expand application?
        ii. 40w equivalent also passes
        iii. Commercial "upstream" rebates -- why not LI program? Frank Gundal re commercial? Which lights are eligible? (same lights should be cost-effective for LI) ***RILEY***
        iv. What other lamps should we be looking at? Note that selection is widening and prices are dropping faster than expected. Where is TRM on this? Schedule Steve Lavelle (EFI) presentation ***DEBI*** see sampling of specs attached to May agenda; Debi circulated additional cut sheets.
        v. Purchasing from vendors other than EFI (Niagara. Monroe, Whole Energy) Issues include: systems, service incl. timeliness, all-in costs, minimum order, shipping, quality, substitution policy, warranties, reliability, market-watch and training services, technical assistance, years in business. ***CRAIG*** circulating price lists
        vi. ***MARGARET, CRAIG*** developing list of 10,000 hour CFLs. There is a TRM issue (8000 hour assumption v 10,000).
        vii. Impact of federal standards
    c. * Aerogel – wait for test under DOE SERC (***BRUCE***). Other super-insulation products (aeroseal?Vacuoa?)?
    d. Rinnai wall heaters -- Common Assumptions reviewed with distribution and found it not cost-effective. ***ART*** confirmed that there are applications with no distribution (or just fans) and thus at much less cost, which may be cost-effective, gas steam to gas (savings custom), e.g., Lunenberg HA installation, CLC experience (OK with tight air sealing and room-to-room venting), Quincy?. ***BUT need full winter's data*** (so defer). Avoid fuel-switching.
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    h. *Higher tiered AC? What is commercially available? ***CHERYL*** Issues include MF, winter, interior covers. ***DAVID*** circulating SMOC prices.
    i. Others?

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    new LEDs
    parameters for SDHW installation (SERC-CEC)
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dehumidifier replacement

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Is CEE Tier 3 efficiency worth the cost? ***MARGARET***
all use 19-year life
repair policies vary (WM w/in 3 yrs, NS case-by-case w/in 2 yrs, NG 5 yrs if in same location)
replacement policies (NS every 10 years)
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    e. Employees may move from one PA to another
    MARGARET re meetings

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ALL to share experience, materials, auditor practices (e.g., kitchen table wrap up). ***MARGARET*** sharing RCS materials re safety, program, next steps. ***NANCY*** sharing Energy Savers booklet, refrigerator hints. ***JEANNE*** Energy Savers, energy wheel. Questions include common leave behind?, other languages, what reaches people (e.g., elderly more likely to read?, homeowners pay more attention than renters?), quality and simplicity of material, internet links?, need to connect to specific customer needs.

15. **TRM** – defer, now in MTM proceedings and evaluation
    a. Examples of anomalies
        i. TRM (pp. 54-55) specifies that replacement refrigerators in single-family low-income homes have a lifetime of 19 years and savings of 1122 kWh/year, based in part on the assumption that the alternative is a "used inefficient unit." Yet the TRM specifies a measure life of only 12 years for multi-family installations, with a remaining life of the existing refrigerator of only a year and nothing said about the likely alternative. A reference is given to an Energy Star page

(www.energystar.gov/.../business/bulk_purchasing/bpsavings_calc/Consumer_Residential_Refrig_Sav_Calc.xls - 2009-05-0) that states a 12-year life (nothing about the life of the existing unit) but is clearly not referring to low-income installations. The TRM specifies annual savings for an LIMF refrigerator as being the same as for non-low-income and sets the amount at 80 kWh for the life of the new refrigerator plus 884 kWh per year for the remaining life of the old refrigerator.

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v. Oil heating and weatherization savings should be stated as kWh equivalent. E.g., oil Wx now gets 70 kWh, less than two CFLs.

b. Process is obscure, not transparent, and does not consistently include LEAN although there is often no other source for low-income-specific perspective.

16.CRI QC – stand-alones only, discussion of when fraction of stand-alones will increase
Utilities need DHCD reports on piggybacks – agencies to provide

17. **2012 Metrics** –

#1. Best Practices Measures – MAKE ASSIGNMENTS

Super insulation such as aerogel, U-vacua,
Identify application parameters for SDHW,
Identify application parameters for MCHP,
Pilot comprehensive work in MF buildings with very high WEGO scores to include steam distribution system replacement,
Behavior-based pilot measures (if feasible and available)
Measures from National Survey [already referred to Common Assumptions]

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ii. MF clothes washers
iii. Occupancy sensors
iv. MF exterior photocells
v. Combined heat and hot water (MF and SF)
vi. Bi-level lighting controls

#2. MF Building Inventory (year 3 of 4)

17. **Other matters**?

RESOLVED AT MAY 2012 MEETING

1. Case-by-case waivers of PA job dollar caps, likely to increase toward end of this year and for heating systems
2. All PAs except New England Gas have confirmed their offer of SF LL heat program (where tenants pay for heat). (Unitil confirmed its participation.)
3. Duct repair measure passed as cost-effective.
4. Educational material provided for distribution with Belkin Smart Strip
5. WMECo refrigerator replacement threshold adopted for 2013 (to be distributed)
6. Room a/c as available for MF as SF (previously found cost-effective).

Meeting Minutes
June 13, 2012

MEETING PARTICIPANTS

Jerry Oppenheim (LEAN), Bill Stack (NSTAR), Riley Hastings (NSTAR), Cheryl Harrington (NSTAR), Kara Gray (CMA), Linda Roe (National Grid), Mike Rossacci (National Grid), Jeanne Cherry (NEG), Craig Brown (Action Inc.), Al Mickee (GLCAC), Nancy Davison (HAC), Dave Fuller (DHCD), Dave MacLellan (ABCD), John Wells (ABCD), Paul Jackson (SMOC), Darlene Wong (NCLC)

ADDITIONAL PARTICIPANTS

Art Willcox (LEAN), Robert Gyurjan (Berkshire), Margaret Song (CLC), John Walsh (WMECO), Deb Sas (WMECO), Ben Stephenson (Unitil), John Livermore (Consultant)

CURRENT ACTION ITEMS:

New ACTION Items

- Jerry O to add Darlene Wong (National Consumer Law Center – NCLC) (darlenewong@nclc.org) to email distribution
- Dave M to look into funding needs for training and get back to PAs at next BP meeting
- CAPs should work with their PAs on new savings numbers that will be used statewide for 2011, 2012 and next three year plan
- PAs to discuss proposal of changing from a Wx limit of $4,500 to an "average" spend of $5,500 per job and will get back to group at next meeting
- Riley and Kim to work together on New Measures Screening Report which is due by July 15
- Kara to follow up with a minor correction for Duct Repairs write-up and submit to Riley and group.
- Riley to review with Cadmus and screen a different Bi-level control product that offers 2 different levels of wattage
- Dave MacLellan to send write up of the HPWH protocols to group for review as well as the evaluation report being done by Building America.
- Riley and Kim to work with the Lighting Group on the lifetime of LEDs and get back to group
- Deb Sas to forward LED cut sheets to the group
- Margaret to send list of available lights to group per Lighting Program
- Mike R, Lynda R, Dave M, & Darlene W set as sub-committee to review all current leave behind materials and report back finds to group at next BP meeting
- Kara to follow-up on the status of the Mass Save branding guidelines

MEETING MINUTES:

Subject Matter **- Preliminaries**

Speaker: Dave MacLellan

- Note Taker:
  - Cheryl Harrington (NSTAR)
- Next meeting:
  - August 8, 2012 from 10-2 at the new CMA location (4 Technology Drive)
- Corrections to email list:

  - Jerry O to add Darlene Wong (National Consumer Law Center – NCLC) (darlenewong@nclc.org) to email distribution
- No changes mentioned to previous meeting note

Subject Matter **- DHCD Report, Contractor Training/Recruitment, & Auditor training**
Speaker: Dave Fuller

- ARRA WAP
  - Extension officially through Sept 30 but agencies should be finishing up by mid-July
  - IBT is handling the 3rd party inspections of ARRA funded jobs and have been impressed with worked inspected to date
- DOE WAP
  - Still waiting on approval for the DOE2012 plan
  - Agency contracts went out
  - 2013 DOE budget could be anywhere from $0 – 3 Million
  - For 2013, DOE is contemplating the use of LIHEAP funds for weatherization services
- HEARTWAP
  - 2013 doesn't look promising – around $8.5 million…Down from $10 million in 2012 & $12 million in 2011
- Contractor/Auditor Training
  - New BPI requirement for ASHRAE…PAs asked to support training via co-pays and/or scholarships for required training.
  - Dave M to look into funding needs and get back to PAs at next BP meeting

Subject Matter **-Innovation Grants**
Speaker: Art Willcox

- SDHW
  - 13 completed with SERC funds
  - 6 completed with CEC funds
  - 3 new projects out to bid with CDC funding
- Aerogel
  - 2 of 3 jobs are completed
  - The third is still in process
  - Art is impressed with the quality of work
- Another full heating season is needed to review and calculate savings and cost effectiveness.

Subject Matter **- Program Issues**
Speaker: All

- Residential customers at 61-80% median income
  - LEAN is proposing Pilot in 2013 but currently in discussions with higher management at PAs
  - Next step will be for agencies to speak with PAs about possible test
- Air sealing
  - Bill Stack checked with HES and reported that no contractors have been thrown out of program but some employees have been fired if determined they did not

comply with safety and other guidelines. HES will continue to chare information between programs on any issues that arise with contractors. CLC would like to note that they did remove one contractor in the market-rate program thus far.
    - Every PA is set-up differently and air sealing is charged by the hour. A blower door test should be done to test air leakage and verify the amount of air sealing that has been done vs. what was billed.
- Single Family Landlord Heating System Replacement Program
    - New England Gas confirmed that they are doing this
- Low Income Impact Evaluation Results
    - Electric Wx deemed savings increased from 374 kWh to 1,616 kWh; Gas heating systems went from 300 Therms to 199 Therms
    - CAPs should work with their PAs on new savings numbers that will be used statewide for 2011, 2012 and next three year plan
- CAPS
    - It was discussed that average jobs are well over $6000. With ARRA funds going away and more reliance on PA funds, the existing caps of $4500 may not be sufficient.
    - Currently PAs work with their CAPs/Lead Vendor on a case by case basis for approval if a project exceeds the $4,500 limit.
    - CAPs proposed that instead of a $4,500 limit imposed per job, that the program move to an "average" spend per job of $5,000…this way the CAPs are able to manage the overall program more efficiently and accommodate projects that cost more rather than having to walk away from work that needs to be done
    - PAs claim deemed savings and could be heavily impacted by such a change.
    - PAs to discuss proposal of changing from a Wx limit of $4,500 to an "average" spend of $5,000 per job and will get back to group at next meeting
- Code Issues:
    - Nothing new to report
- LIMF Program Issues:
    - Nothing to report

***Subject Matter* – Goal Setting & Budget Discussion**
Speaker: Jerry Oppenheim

- New savings from Impact Evaluation should be used…BCRs more favorable with addition of 4 new NEBs!
- Low Income budget is bound by Green Communities Act which stipulates that 10% of entire EE Electric budget as well as 20% of entire EE Gas budget needs to be applied to Low Income sector

***Subject Matter* – 2012 Metrics**
Speaker: Jerry Oppenheim

- Riley and Kim to work together on New Measures Screening Report which is due by July 15

***Subject Matter* – New Measures**
Speaker: Jerry Oppenheim

- Duct Repairs have been screened and pass.
    - Kara to follow up with a minor correction for write-up and submit to Riley and group.

- Bi-level controls – did not pass but needs review.
  - Riley to review with Cadmus and screen a different Bi-level control product that offers 2 different levels of wattage
- HPWH:
  - Dave MacLellan to send write up of the HPWH protocols to group for review as well as the evaluation report being done by Building America.
  - Immediately following meeting, John Walsh forwarded the HPWH Selection and Quality Installation Guide to group for review
- Lighting:
  - Question raised as to whether or not agencies have to use EFI or if they can use other vendors to get better pricing…Group decided agencies can use any vendor as long as it is the same or comparable product; however, if pricing is significantly less, it should be passed to PAs as well.
  - When agencies review vendors and pricing, they need to also take the follow into consideration: Warranty, Shipping, Minimum order quantities, Timeliness of service, Substitution policy, Technical assistance, & Training
  - Question was raised as to why LEDs do not pass against CFL due to extended life of LED vs. CFL. Should we move to LEDs exclusively within the next 3 year plan?
    - Riley and Kim to work with the Lighting Group on the lifetime of LEDs and get back to group
    - Margaret forwarded information to the group regarding possible lead found in LEDs for group to keep an eye on… http://today.uci.edu/news/2011/02/nr_LED_110210.php
  - Deb Sas confirmed that EFI will present available LED products at next BP meeting. Deb Sas to forward LED cut sheets to the group
  - Margaret to send list of available lights to group per Lighting Program
- Doors
  - Art reran analysis for R5-R7 door with a cost of $610-640.
    - Art to forward Door Analysis information to Common Assumptions for review
    - Riley and Kim to screen doors as a possible LI new measure
- Window
  - Kim ran model with new information and passed only for Oil heated homes. PAs decided not to include the measure as the actual amount of applicable windows is not significant and would like to other to homes heated by all fuel types rather than just oil heated homes.
- Higher Tier AC
  - Cheryl reported that the initial screening by NSTAR indicated that the SEHA Tier 1 and Tier 2 AC units were not cost effective as they came in with a BCR of 0.3 and 0.2.
- CFL list
  - Margaret and Craig to coordinate. They will develop a list of 10,000 hour measure life products. Information will help update the figures in the TRM and allow for more savings to be claimed.

***Subject Matter* – Refrigerators (DEFERRED to Next Meeting)**

Speaker: Jerry Oppenheim

- In 2012, PAs will stay with current thresholds. In 2013, all will adopt WMECO methodology

- Deemed savings are being claimed
- Deb to put together spreadsheet showing the 2013 recommended threshold along with current 2012 thresholds by PA
- Margaret to pull together some research on Super Efficiency Refrigerators (CEE tier 3) for discussion at next meeting

***Subject Matter* – Background Checks**

Speaker: Jerry O

- Nothing new to report. Another statewide meeting is scheduled and Margaret will update us at next LIBP

***Subject Matter* - Client Education**

Speaker: All

- Reviewed some of the current materials available
- Group is interested in looking at developing some common leave behind materials…Favorable items include: Energy Wheel, Energy Savers Booklet, & Calendar as those seem to be less likely to be thrown away
- Need to consider multilingual options & include other social services offered as well as LEAN logo and PA logo
- Mike R, Lynda R, Dave M, & Darlene W set as sub-committee to review all current leave behind materials and report back finds to group at next BP meeting
- Kara to follow-up on the status of the Mass Save branding guidelines

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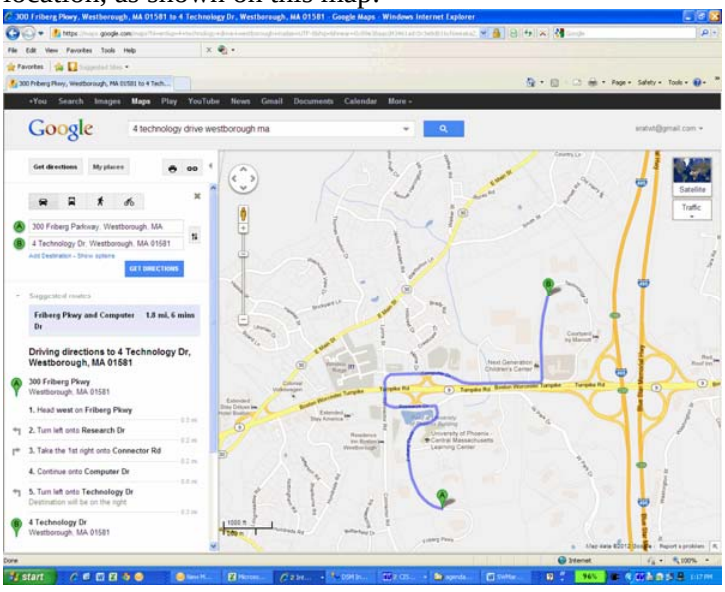
LOW INCOME BEST PRACTICES AGENDA
For Wednesday, August 8, 2012, 10am to 2 pm
At CMA, 4 Technology Drive, Suite 250 (note new address), Westborough 01581
Call in: 1-781-441-3101 code 3875 (thanks, Cheryl)

The new CMA offices are behind the Marriott Courtyard hotel, across Route 9 from their former location, as shown on this map:



Reports to be made ***bolded & italicized***

1. **Preliminaries**: note taker, next meeting (Cape? Western Mass.?), amendments to agenda, corrections to e-list, corrections to notes. We will skip to lighting (10.b.) as soon as practical once Steve Lavalle, of EFI, arrives. Thanks to Cheryl for notes of June 13 meeting for benefit of RMC. Note that this document is the agenda for August 8. Additional material appears herein, including agreements reached with respect to which this document is controlling.

2. **Contractor training and recruitment, Auditor training, DHCD Report**, 2012-2013 needs? – ***CRAIG, DAVID Mac (training proposal) AND DAVID F***
    i. ARRA WAP (extension to 9/30/12, but agencies will finish earlier)
    ii. DOE WAP FY 2012 ($5.1M from 4/1/12; 2013??)
    iii. HEARTWAP $10M, down from $12M; 2013; possible use of LIHEAP funds for Wx in 2013?
    iv. WAP Contractor & Energy Auditor Training – PA support needed in 2013, 2012?; Affordable Comfort, Springfield, October.

3. ***BRUCE, ART*** – **Update re SDHW, microCHP, *aerogel**
    coordinate with CEC/DOE SERC when data available from CEC/SERC project after next heating season (PA case-by-case interest) – SDHW, MCHP
    interconnect issues (note DPU 12-01 re net metering tariff; new energy statute requires timelines): 3-4 month installation delays update

4. **Program issues**
    a. PA-LEAN Agreement to convert $4500 measure cost cap (ex admin, repairs) to average for 2012, then review for 2013 caps for Wx, heating systems; monthly reporting; approval over $7500.
    b. Accounting for oil savings: although the benefit of oil and propane savings is included in BCR calculations and reports of carbon reductions, no account is made for them in setting kWh goals or reporting costs to achieve – despite the fact that oil and propane savings represent, on average, a quarter of low-income savings on a BTU basis. Counting costs but not savings in the calculation of costs to achieve distorts the savings picture and disincents oil savings. Therefore LEAN proposes oil and propane savings be taken into account in the LISF program, starting immediately, by crediting oil and propane savings on a kWh-equivalent basis in all kWh goals and achievements and in all calculations of costs to achieve.
    c. Residential customers at 61-80% of median income, who very often cannot participate because they cannot afford co-payment
        i. LEAN is proposing Pilots in 2013 (no budget changes), with full rollout thereafter if pilot proves out (with appropriate budget adjustment to account for larger pool of participants). Note that some 60-80% have been served for years; CLC now runs a different 61-80% program.
        ii. Expansion of low-income program, so new participants receive same program.
        iii. Cost (and cost-effectiveness) must take into account costs of outreach, application, income certification. Purpose of pilots is to help determine these costs and logistics.
        iv. Which PAs?
    d. Electric Wx deemed savings – evaluation reduced education savings from 113 kWh per participant to zero (retaining only TLC kit savings from hardware, average 25

kWh); apparently the rationale is that education is accounted for in gas savings, but this has nothing to do with electric savings – discuss how to deal with this.

5. **Code issues –** please continue to send problems to David Fuller and Jerry Oppenheim
   a. Two part foam can be a problem under the Code; however, one-part foam was not bid so must be treated as a custom measure. ***Debi***

6. **Low-Income Multi-Family Program issues** (per agreement) – nothing new to report
   a. Pricing for large scale projects – competitive bidding v. other approaches (DEFER)
   b. Air sealing cap (DEFER)
   c. Pilot heating distribution system replacement to test cost-effectiveness (possible NSTAR EOP funding in old Comm. Elec. territory) (Now included in 2012 Metrics)
   d. Building inventory

7. **Goal-setting and budget discussion**–July draft budgets and costs to achieve (savings) under review for utility-specific discussion; we need agency-specific budgets.MF agreement re $15/therm standard needs to be updated.MF refrigerators in TRM (MTM) under discussion.NEBs resolved. Impact evaluation (savings) mostly resolved. Retroactive to 2011 Annual Report.Projected 2013 BCRs average ~2.0 (electric)/1.5 (gas). NOTE that notes to RMC could be read to suggest that budget low-income allocations of 10%(electric)/20%(gas) are caps – this is incorrect as the percentages are minima; for example, allocation to low-income must be at least equal to proportion of low-income consumption.
   While there has been plenty to talk about, this has been a very productive process.

8. **2012 Metric** progress reports
   2012 #1 (Research Plan) – filed April 1.New measure screening report timely filed(due July 15).

9. **Cadmus measure recommendations**
   a. referred to ***Common Assumptions*** in November:
      i. Duct repairs – passes – is there a correction to be made? ***Kara***
      ii. MF clothes washers – passed w/electric dryer (distributed earlier)
      iii. Occupancy sensors -- passed (distributed earlier)
      iv. MF exterior photocells -- passed (distributed earlier)
      v. Combined heat and hot water (MF and SF) – not passed (distributed earlier)
      vi. Bi-level lighting controls – ***did not pass, needs review by Riley***
      vii. Field testing – see #11.
   b. replacement dehumidifiers not cost-effective
   c. Heat Pump Water Heaters – Discussion of draft protocol. Issues include: quality of unit, location, appropriateness to household needs, installation, maintenance (w/o HWAP)***DAVID MAC, WITH CRAIG, DEBI***

10. **New measures** (all low-income programs) (measures for 2012 Metric 2 marked by *)
    a. * **Grounded Power** demand control pilot – consideration terminated because Tendril has not met its commitment.
    b. * **LEDs, lighting– *Steve LaValle, EFI; Debi***(see sampling of specs distributed earlier)

i. Review January decision re: one 60w equivalent per HH (Philips Endura 12.5w, 25,000 hr, $25.53) – expand application?
ii. Cost-effectiveness of LEDs to replace CFLs (depends on LED lifetimes; note that could be justified by replacement costs alone; consider Hg NEB) – in the absence of definitive information, test cost-effectiveness at various possible lifetimes (e.g., 50,000 hours, 30,000 hours, etc.) ***Riley, Kim***
iii. Commercial"upstream" rebates -- why not LI program? Frank Gundal re commercial? Which lights are eligible? (same lights should be cost-effective for LI) ***RILEY***
iv. What other lamps should we be looking at? Note that selection is widening and prices are dropping faster than expected.
v. Purchasing from vendors other than EFI (Niagara. Monroe, Whole Energy) ***CRAIG*** circulating price lists
vi. ***MARGARET, CRAIG*** developing list of 10,000 hour CFLs. There is a TRM issue (8000 hour assumption v 10,000).
vii. Impact of federal standards

c. * Aerogel – ***wait*** for test under DOE SERC (***BRUCE***). Other super-insulation products (aeroseal?Vacuoa?)?
d. Rinnai wall heaters -- Common Assumptions reviewed with distribution and found it not cost-effective. ***ART***confirmed that there are applications with no distribution (or just fans) and thus at much less cost, which may be cost-effective, gas steam to gas (savings custom), e.g., Lunenberg HA installation, CLC experience (OK with tight air sealing and room-to-room venting), Quincy?.***BUT need full winter's data*** (so defer). Avoid fuel-switching.
e. Doors – already approved for non-LI; also by DOE as repair. ***ART, KIM, RILEY*** to consult (TRM passed at $400 cost, ~ 2.3 MMBTU).Art consulting GDS re 20 therms savings. Art has run cost-effectiveness at $610 cost, R-6 or 7; appears to pass with NEBs.
f. Windows – KIM screened at $320 cost, 20-year life for argon double pane replacing single glazed in poor condition. Passed for oil heated homes, but PAs prefer to not list as measure since (a) rare and (b) not cost-effective for most homes. In any case, if approved, must be part of comprehensive whole house approach.
g. *Higher tiered AC?There are no suitable cost-effective units that are commercially available. Other issues include MF, winter, interior covers.
h. Others?

11. **Field testing** of approved new measures

super insulation, eg, U-vacua, Aerogel (SERC-CEC)
new LEDs
parameters for SDHW installation (SERC-CEC)
a/c replacement thresholds
higher-tiered heating and HW (what exactly is this?)
MF distribution (NSTAR pilot)
MF clothes washers
Grounded Power (dead)
MF common area lighting controls
MF duct repair
MF CHP (SEC-CEC)
dehumidifier replacement

12. ** **Refrigerator thresholds**, repairs and replacements (***DEBI, KIM, ART***) See Debi's survey attached to May agenda. MF same as SF.
    a. kWh/yr usage thresholds vary (WM 1059, NS 928, NG 836 if before 1989-960, CLC (same as NG?), FGE (same as NG?) – AGREED that thresholds should be uniform at the most generous level (WMECo), ALL to send thresholds to ***DEBI***, who will report new thresholds for 2013. Savings are deemed (note new evaluation).
    b. Is CEE Tier 3 efficiency worth the cost? ***MARGARET***
    c. repair policies vary (WM w/in 3 yrs, NS case-by-case w/in 2 yrs, NG 5 yrs if in same location)
    d. replacement policies (NS every 10 years)

13. **Coordinating background checks** – agreement in principle but issues include:
    a. Background check requirements differ
    b. Cost-sharing
    c. Share database
    d. Exceptions are individual
    e. Employees may move from one PA to another

    MARGARET re meetings

14. **Client education** ***Darlene Wong by phone***– At various times, we have used various means of client education, including energy savings tips, walk-throughs, computer printouts, etc. Currently we leave a lead-safe pamphlet, a moisture pamphlet where appropriate, and conduct education orally. The Cadmus process evaluation suggests we take a closer look at what would be best, including possible uniform written materials. See, as example, WMECo materials (including calendar, Kate's social service program material)an others we reviewed at the June meeting.
Questions include common leave behind?, other languages, what reaches people (e.g., elderly more likely to read?, homeowners pay more attention than renters?), quality and simplicity of material, internet links?, need to connect to specific customer needs; branding (LEAN, MassSave, PAs) (***Kara***); "kitchen table talk" checklist. Note that identification of savings is important. ***Darlene*** will report on progress of subcommittee (Darlene with Mike R, Lynda R, David Mac).***Craig and Mike R*** will circulate screen shots of computerized client action plan.

15. **TRM**– defer, now in MTM proceedings and evaluation
    a. Examples of anomalies
        i. TRM (pp. 54-55) specifies that replacement refrigerators in single-family low-income homes have a lifetime of 19 years and savings of 1122 kWh/year, based in part on the assumption that the alternative is a "used inefficient unit." Yet the TRM specifies a measure life of only 12 years for multi-family installations, with a remaining life of the existing refrigerator of only a year and nothing said about the likely alternative. A reference is given to an Energy Star page (www.energystar.gov/.../business/bulk_purchasing/bpsavings_calc/Consumer_Residential_Refrig_Sav_Calc.xls - 2009-05-0) that states a 12-year life (nothing about the life of the existing unit) but is clearly not referring to low-income installations. The TRM specifies annual savings for an LIMF refrigerator as being the same as for non-low-income and sets the amount at 80 kWh for the life of the new refrigerator plus 884 kWh per year for the remaining life of the old refrigerator.

ii. Lighting changes to reflect federal standards (see above).
iii. LEDs.
iv. Calculated actual savings exceed TRM deemed values (refrigerators, lamps, fixtures, repairs) – e.g., for CFLs, 55-65 actual vs.41 deemed, for electric Wx, ~4000 kWh actual vs. 374 deemed.
v. Oil heating and weatherization savings should be stated as kWh equivalent. E.g., oil Wx now gets 70 kWh, less than two CFLs.
b. Process is obscure, not transparent, and does not consistently include LEAN although there is often no other source for low-income-specific perspective.

16. **CRI QC** – stand-alones only. Utilities need DHCD reports on piggybacks – agencies to provide

17. **2012 Metrics** –

#1. Best Practices Measures – MAKE ASSIGNMENTS
Super insulation such as aerogel, U-vacua,
Identify application parameters for SDHW,
Identify application parameters for MCHP,
Pilot comprehensive work in MF buildings with very high WEGO scores to include steam distribution system replacement,
Behavior-based pilot measures (if feasible and available)
Measures from National Survey [already referred to Common Assumptions]
i. Duct repairs
ii. MF clothes washers
iii. Occupancy sensors
iv. MF exterior photocells
v. Combined heat and hot water (MF and SF)
vi. Bi-level lighting controls

#2. MF Building Inventory (year 3 of 4)

17. **2013 Metrics**

#1. Best Practices, New measures
#2. MF Building Inventory (year 4 of 4)
#3. ??

18. **Other matters**?

RESOLVED AT JUNE 2012 MEETING

1. Consideration of Grounded Power behavior measure terminated due to Tendril's failure to meets its commitment to LEAN.
2. Agencies may use any lighting vendor and are not restricted to EFI where lower prices are available elsewhere for same or comparable products. Other considerations include warranty, shipping, minimum order quantities, timeliness, substitution policy, technical assistance, training, all-in costs, years in business, reliability, and market-watch services. Significant savings should be passed through.

Meeting Minutes
August 8, 2012

MEETING PARTICIPANTS

Jerry Oppenheim (LEAN), Robert Gyurjan (Berkshire), Margaret Song (CLC), Kara Gray (CMA), Beth Lonergan (National Grid), Mike Rossacci (National Grid), Bill Stack (NSTAR), Riley Hastings (NSTAR), Michael Goldman (NSTAR), Cheryl Harrington (NSTAR), Ben Stephenson (Unitil), Deb Sas (WMECO), Dave Fuller (DHCD), Dave MacLellan (ABCD), Ken Rauseo (ABCD), Craig Brown (Action Inc.), Karen Hulette (MOC), & Paul Jackson (SMOC)

ADDITIONAL PARTICIPANTS

Art Willcox (LEAN), Jeanne Cherry (NEG), John Walsh (WMECO), Nancy Davison (HAC), Jim Peck (HAC), Shad Williams (HAC), Matt Saunders (AG), Darlene Wong (NCLC), Charlie Harak (NCLC), & John Livermore (Consultant)

CURRENT ACTION ITEMS:

New ACTION Items

- Debi Sas (WMECO) to confirm location of next Low Income Best Practices meeting on October 15th
- Jerry Oppenheim (LEAN) to add Michael Goldman (NSTAR) Michael.Goldman@nstar.com to email distribution
- PAs to discuss specific contractor/auditor training funding needs with their lead vendors and/or CAP agencies
- Dave Fuller (DHCD) to circulate DHCD training requirements for 2012 & 2013
- Craig Brown (Action, Inc.) to prepare and distribute a price list of other lighting vendors for review at next meeting
- Matt Nelson (NSTAR) was working on presenting to the consultants how oil savings should be accounted for in the overall Electric kWh savings. Riley Hastings and/or Mike Goldman (NSTAR) to provide this information at the next Low Income Best Practices Meeting.
- Jerry Oppenheim (LEAN) to speak with the CAPs regarding issues of scheduling/lack of information with CRI for QC visits as well as providing DHCD QC reports to the PAs and get back to group at next meeting.
- Riley Hastings and/or Mike Goldman (NSTAR) and Kim Crossman (NGRID) to work with the Lighting Group on the lifetime of LEDs and get back to group as to whether or not this passes and if not, by how much is it not effective?
- Riley Hastings and/or Mike Goldman (NSTAR) and Kim Crossman (NGRID) to review and confirm Art Wilcox's door assumptions and screen them as a possible LI new measure
- Margaret Song (CLC) and Craig Brown (Action, Inc.) to coordinate and develop a list of 10,000 hour measure life CFL products.
- Sub-committee (Darlene Wong - NCLC, Mike Rossacci - NGRID, Lynda Roe - NGRID, and Dave MacLellan - ABCD) to continue to work on suggestions/ideas for Client Education and report back at next meeting.
- PAs to come to next meeting with ideas for potential 2013 Metrics.
- Debi Sas (WMECO) to put together spreadsheet showing the 2013 recommended threshold along with current 2012 thresholds by PA.

- Margaret Song (CLC) to pull together some research on Top 10 Super Efficiency Refrigerators (CEE tier 3) for discussion at next meeting
- Margaret Song (CLC) to provide data about USDA for next meeting

MEETING MINUTES:

***Subject Matter* - Preliminaries**
Speaker: Jerry Oppenheim

- Note Taker:
  - Cheryl Harrington (NSTAR)
- Next meeting:
  - October 15th at 10:00 AM @ WMECO – Springfield
  - Debi Sas to confirm location of next Low Income Best Practices meeting
- Corrections to email list:
  - Jerry Oppenheim to add Michael Goldman (NSTAR) Michael.Goldman@nstar.com to email distribution
- No changes mentioned to previous meeting notes
- Topics to include on agenda for next meeting include:
  - Oil to Gas conversion (Robert Gyurjan)
  - USDA (Jerry Oppenheim)
    - Margaret Song to provide data about USDA for next meeting

***Subject Matter* - DHCD Report, Contractor & Auditor training**
Speaker: Dave Fuller

- ARRA WAP
  - Extension officially through Sept 30 but agencies depleted funds as of July 2012
- DOE WAP
  - FY2012 grant totaled $5.1 million which includes $600k rollover
  - FY2013 will be significantly reduced due to potential 6%-7% cut in overall funding. Amount could potentially be $2 million total, down from $6.8 - $7.1 million
- HEARTWAP
  - 2013 doesn't look promising – around $8.5 million…Down from $10 million in 2012 & $12 million in 2011
  - For FY2013, DOE is contemplating the use of LIHEAP funds for weatherization services, around $1 million for Wx
- Contractor/Auditor Training
  - Without ARRA and/or DOE funding available for training, PAs have been asked to support training via co-pays and/or scholarships for required training.
  - PAs to discuss specific funding needs with their lead vendors and/or CAP agencies
  - Dave Fuller to circulate DHCD training requirements for 2012 & 2013

***Subject Matter* –HPWH Performance**
Speaker: Robb Aldrich (from Steven Winters)

- Heat pump water heaters (HPWH) use electricity to move heat from one place to another instead of generating heat directly and can be 2 to 3 times more energy efficient than conventional electric resistance water heaters.

- HPWH were approved for the Low Income program for use when replacing an electric water heater only
- CL&P evaluation done 10 years ago determined that HPWH were not ready for market and had many problems
- As it relates to the income-eligible customers, there is concern about "stealing" heat from conditioned areas especially in colder months where the customers are trying to manage heating costs
- All of the HPWH that Steven Winters tested performed well, 200% efficient
- Worse case scenario was that the unit would run in electric resistant mode for 5 months and the customer would realize the benefits 6-7 months out of the year.
- Rule of Thumb – HPWH should only be installed in basements to avoid stealing heat from conditioned space

***Subject Matter* – LED Presentation**

Speaker: Brad Steele & Steve Lavelle from EFI

- ESIA standards will remove higher lumen/wattage bulbs from market: 100w in 2012, 75w in 2013, and 40w/60w in 2014
- Approximately 55% of Low Income Program Savings come from lighting
- Concern on CFLs is that they are too dim and too slow to brighten
- Advantages of LEDs:
  - Strong directional light
  - Operation and performance enhanced in cold operating environments
  - No warm up time
  - No IR or UV emissions
  - Not effected by rapid cycling (frequent switching)
  - Extremely compact, low profile
- Disadvantages of LEDs:
  - Cost
  - Reliability, consistency of performance * However EFI has not experienced any reliability issues over last 3 years they have been selling LEDs
  - Not inherently omni-directional
- Recommended LED Products:
  - Flood → PAR30 - 40° Wide Flood
  - A-Lamp → Philips Endura 12.5W A19 LED
- Craig Brown to prepare and distribute a price list of other lighting vendors for review at next meeting.

***Subject Matter* - Program Issues**

Speaker: All

- Residential customers at 61-80% median income:
  - LEAN to discuss at RMC meeting on August 15th
  - WMECO will be running a test utilizing $25,000 for customers at this income level who applied for the Low Income rate but did not qualify
  - Another potential source mentioned for customers is the Good Neighbor Assistance
- $4,500 WX CAP:
  - With ARRA funds going away and more reliance required for PA funds, the PAs discussed the idea of an average Weatherization job cost vs. a cap and the PAs decided to test the "average" approach under the following conditions.

  - PAs will maintain the $4500 level but it will be an **average** for the remainder of 2012, no longer a cap
  - Any jobs over $7500 will require PA approval
  - PAs want monthly reports from CAPs or Lead Vendors to ensure averages are being maintained
  - PAs reserve the right to revisit this decision at any time if the program starts to see serious negative impacts or budget implications
  - Once PAs have data on how this is working, PAs can open the discussion for changes for 2013
- Conversion of Oil savings to kWh:
  - As the cost to serve customers is increasing yet the deemed savings remain the same, is there a way to convert oil savings into electric kWh savings to indicate the additional savings that are actually being achieved?
  - Matt Nelson (NSTAR) was working on presenting to the consultants how oil savings should be accounted for in the overall Electric kWh savings. Riley Hastings and/or Mike Goldman to provide this information at the next Low Income Best Practices Meeting.
- Code Issues:
  - There was a question regarding one-part foam and whether or not it was included in the bid…If not, it would need to be treated as a custom measure. Al Mickee confirmed that GLCAC and CMA have the one part foam price in both work order and invoicing phases and that it was part of the bid process and is $60.00 per hr. They found that there was still a need for this measure for 2012 in the air sealing of basements.
- Quality Control:
  - As per the agreement with LEAN, CRI is supposed to QC 5% of all PA stand alone jobs; however, CRI has indicated that they continue to struggle to receive the information from the agencies in regards to scheduling QC visits and will not be able to meet their QC goals. There are a couple of agencies that provide the information directly to CRI and CRI handles scheduling the visits directly which has worked out well. The PAs would like to see if this is applicable within all of the agencies? If not, there needs to be another type of process change to improve the number of QC visits CRI is able to perform.
  - PAs are not receiving reports of QCs completed by DHCD.
  - Jerry Oppenheim to speak with the CAPs regarding issues of scheduling/lack of information with CRI for QC visits as well as providing DHCD QC reports to the PAs and get back to group at next meeting.

***Subject Matter* –Measures Update**

Speaker: Jerry Oppenheim

- Duct Repairs:
  - This measure has been screened by CMA and passes for Single Family. Since Multi-Family structures vary greatly, this will be a custom measure for Multi-Family and will be screened via a project by project basis. The screening report was contained within the Common Assumptions Report of Analysis sent out on 7/13/12.
- Bi-Level Stairwell Controls:
  - Initially Bi-level Controls did not pass the BCR as per NSTAR's initial screening; however, Riley Hastings worked with Cadmus and based upon some additional

research that was done, they were now comfortable recommending a 45% savings level (171.5 kWh). Based upon this increased savings and the inclusion of NEI's, the measure now passes with a BCR of 1.0. The screening report was distributed via email on 7/11/12 by Riley Hastings and also included within the Common Assumptions Screening Report of Analysis sent out on 7/13/12.

- Lighting:
  - A question was raised as to why LEDs do not pass against CFL due to extended life of LED vs. CFL.
  - Riley Hastings and/or Mike Goldman and Kim Crossman to work with the Lighting Group on the lifetime of LEDs and get back to group as to whether or not this passes and if not, by how much is it not effective?
- Doors:
  - Art Wilcox reran analysis for R5-R7 door with a cost of $610-640 and initial indications are that it passes at a 1.2 BCR and 1.06 BCR.
  - Riley Hastings and/or Mike Goldman and Kim Crossman to review and confirm Art Wilcox's assumptions and screen doors as a possible LI new measure
- CFL list:
  - Margaret Song and Craig Brown to coordinate and develop a list of 10,000 hour measure life CFL products. Information will help update the figures in the TRM and allow for more savings to be claimed.

***Subject Matter* – Background Checks**

Speaker: Jerry Oppenheim

- Nothing new to report. Another statewide meeting is scheduled and Margaret will update us at next LIBP

***Subject Matter* - Client Education**

Speaker: Darlene Wong

- Sub-committee (Darlene Wong, Mike Rossacci, Lynda Roe, and Dave MacLellan) met to review current materials available and determine what may be needed
- Sub-committee overall goals for Client Education:
  - Streamline materials/messaging
  - Increase participation in program
  - Change behavior
- Favorable items include: Top Energy Saving Tips, Energy Wheel, Recycling Information, Energy Savers Booklet, & Calendar as those seem to be less likely to be thrown away…Link to next steps for the customers was very favorable
- Need to consider multilingual options & include other social services offered as well as Mass Save logo, LEAN logo and PA logo
- Sub-committee questioned Best Practices group as to when would roll-out would occur: 2012 or 2013 and if they were going in the right direction? It was determined that we would likely roll-out in 2013 if new materials were to be produced.
- Sub-committee (Darlene Wong, Mike Rossacci, Lynda Roe, and Dave MacLellan) to continue to work on suggestions/ideas for Client Education and report back at next meeting.

***Subject Matter* – 2013 Metrics (DEFERRED to Next Meeting)**

Speaker: Jerry Oppenheim

- It was confirmed that we will have metrics in 2013. Potential metrics could include:

  - Best Practices (New Measures)
  - MF Building Inventory (Year 4 of 4)
  - Consumer Education
  - Census Data Change
  - 61% - 80% Median Income Level
- PAs to come to next meeting with ideas for potential 2013 Metrics.

***Subject Matter* – Refrigerators (DEFERRED to Next Meeting)**
Speaker: Jerry Oppenheim

- In 2012, PAs will stay with current thresholds. In 2013, all will adopt WMECO methodology
- Deemed savings are being claimed.
- Debi Sas to put together spreadsheet showing the 2013 recommended threshold along with current 2012 thresholds by PA.
- Margaret Song to pull together some research on Top 10 Super Efficiency Refrigerators (CEE tier 3) for discussion at next meeting

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LOW INCOME BEST PRACTICES AGENDA
For Wednesday, October 15, 2012, 10am to 1:30 pm
At WMECo, 300 Cadwell Drive, Auditorium (ground level), Springfield
Call in: 1-866-434-7675. Passcode 5266662

Reports to be made ***bolded & italicized***

1. **Preliminaries**: note taker, next meeting (Cape?), amendments to agenda, corrections to e-list, corrections to notes. Thanks to Cheryl for notes of August 8 meeting for benefit of RMC. (Please note that all PA, LEAN, NCLC, and low-income agency people should be listed as "Meeting Participants.") Note that this document is the agenda for October 15. Additional material appears herein with respect to which this document is controlling.

2. **Contractor training and recruitment, Auditor training, DHCD Report**, 2012-2013 needs? – ***CRAIG, DAVID Mac (training proposal) AND DAVID F***
   i. ARRA WAP (extension to 9/30/12, but agencies finished in July)
   ii. DOE WAP FY 2012 ($5.1M from 4/1/12); 2013 ($2M?)– minimum contributions for health & safety, repairs
   iii. HEARTWAP $10M, down from $12M (down from $12M in 2011); 2013 ($8.5M?)
   iv. WAP Contractor & Energy Auditor Training – PA support needed in 2013, 2012?; Affordable Comfort, Springfield, October.***David F re DHCD training requirements; PAs re specific agency needs***

3. ***BRUCE, ART*** – **Update re SDHW, microCHP, *aerogel**
   coordinate with CEC/DOE SERC when data available from CEC/SERC project after next heating season (PA case-by-case interest) – SDHW, MCHP
   interconnect issues (note DPU 12-01 re net metering tariff; new energy statute requires timelines; DG working group): 3-4 month installation delays update

4. **Program issues**

a. RMC agrees that gas customers choosing to convert to gas heat from another fuel are entitled to efficiency services (e.g., Wx, heating system replacement) under the LI gas programs. Confirm.
b. Accounting for oil savings: although the benefit of oil and propane savings is included in BCR calculations and reports of carbon reductions, no account is made for them in setting kWh goals or reporting costs to achieve – despite the fact that oil and propane savings represent, on average, a quarter of low-income savings on a BTU basis. Counting costs but not savings in the calculation of costs to achieve distorts the savings picture and disincents oil savings. Therefore LEAN proposes oil and propane savings be taken into account in the LISF program, starting immediately, in all calculations of costs to achieve. This appears to be a practical issue only on the Cape and we continue to work on a resolution of it there. ***MIKE GOLDMAN.***
c. USDA "rural areas" forgivable loans and grants for repairs – ***Margaret.***
d. Efficient Neighborhoods + -- DEFER
Residential customers at 61-80% of median income, who very often cannot participate because they cannot afford co-payment. Cost (and cost-effectiveness) must take into account costs of outreach, application, income certification.

5. **Code issues –** please continue to send problems to David Fuller and Jerry Oppenheim

6. **Low-Income Multi-Family Program issues** (per agreement) – nothing new to report
   a. Pricing for large scale projects – competitive bidding v. other approaches (DEFER)
   b. Air sealing cap (DEFER)
   c. Pilot heating distribution system replacement to test cost-effectiveness (Now included in 2012 Metrics; project underway in New Bedford -- NSTAR EOP funding in old Comm. Elec. territory)
   d. Building inventory

7. **Goal-setting and budget discussion**–July draft budgets and costs to achieve (savings) under review for utility-specific discussion; we need agency-specific budgets.MF agreement re $15/therm standard needs to be updated.MF refrigerators in TRM (MTM) under discussion.NEBs resolved. Impact evaluation (savings) mostly resolved. Retroactive to 2011 Annual Report.Projected 2013 BCRs average ~2.0 (electric)/1.5 (gas). NOTE that notes to RMC could be read to suggest that budget low-income allocations of 10%(electric)/20%(gas) are caps – this is incorrect as the percentages are minima; for example, allocation to low-income must be at least equal to proportion of low-income consumption. While there has been plenty to talk about, this has been a very productive process.

8. **2012 Metric** progress reports
   2012 #1 (Research Plan) – filed April 1.New measure screening report timely filed(due July 15).

9. **Cadmus measure recommendations**
   a. referred to ***Common Assumptions*** in November:
      i. Duct repairs – passes (MF custom).
      ii. MF clothes washers – passed w/electric dryer (distributed earlier)
      iii. Occupancy sensors -- passed (distributed earlier)
      iv. MF exterior photocells -- passed (distributed earlier)
      v. Combined heat and hot water (MF and SF) – not passed (distributed earlier)

vi. Bi-level lighting controls – 45% savings (171.5 kWh), accounting for all savings.
vii. Field testing – see #11.

b. replacement dehumidifiers not cost-effective
c. Heat Pump Water Heaters – Discussion of draft protocol at last meeting, including with Robb Alrdich of Steven Winters..Issues include: quality of unit, location, appropriateness to household needs, installation, maintenance (w/o HWAP). Agreed recommendation: HPWH should only be installed in basements to avoid stealing heat from conditioned space. ***Draft protocol to come from David M.***

10. **New measures** (all low-income programs) (measures for 2012 Metric 2 marked by *)
    a. * **Grounded Power** demand control pilot – consideration terminated because Tendril has not met its commitment.
    b. * **LEDs, lighting– *Steve LaValle, EFI; Debi***(see sampling of specs distributed earlier)
        i. Review January decision re: one 60w equivalent per HH (Philips Endura 12.5w, 25,000 hr, $25.53) – expand application?
        ii. Cost-effectiveness of LEDs to replace CFLs (depends on LED lifetimes; note that could be justified by replacement costs alone; consider Hg NEB) – in the absence of definitive information, test cost-effectiveness at various possible lifetimes (e.g., 50,000 hours, 30,000 hours, etc.) ***Riley/Michael, Kim***
        iii. Commercial"upstream" rebates -- why not LI program? Frank Gundal re commercial? Which lights are eligible? (same lights should be cost-effective for LI) ***RILEY***
        iv. What other lamps should we be looking at? Note that selection is widening and prices are dropping faster than expected. EFI recommended at August meeting: PAR 30-40 wide floods (e.g., GE MR 16, PAR 20 9w 50w equiv., PAR 30, PAR 38), Philips Endura 12.5W A19; also 17w (75w equivalent) and 20w (coming, 100w equivalent). Baseline is becoming halogens; consider hybrid CFLs (halogen filament for initial brightness).
        v. Purchasing from vendors other than EFI (Niagara. Monroe, Whole Energy) ***CRAIG***price lists attached
        vi. ***MARGARET, CRAIG*** developing list of 10,000 hour CFLs. There is a TRM issue (8000 hour assumption v 10,000).
        vii. Impact of federal standards
    c. * Aerogel – ***wait*** for test under DOE SERC (***BRUCE***). Other super-insulation products (aeroseal?Vacuoa?)? -- DEFER
    d. Rinnai wall heaters -- Common Assumptions reviewed with distribution and found it not cost-effective. ***ART***confirmed that there are applications with no distribution (or just fans) and thus at much less cost, which may be cost-effective, gas steam to gas (savings custom), e.g., Lunenberg HA installation, CLC experience (OK with tight air sealing and room-to-room venting), Quincy?.***BUT need full winter's data*** (so defer). Avoid fuel-switching. DEFER
    e. Doors – already approved for non-LI; also by DOE as repair. ***ART, KIM, RILEY/Michael*** to consult (TRM passed at $400 cost, ~ 2.3 MMBTU).Art consulting GDS re 20 therms savings. Art has run cost-effectiveness at $610 cost, R-6 or 7; appears to pass with NEBs.
    f. Windows – KIMscreened at $320 cost, 20-year life for argon double pane replacing single glazed in poor condition. Passed for oil heated homes, but PAs prefer to not list

as measure since (a) rare and (b) not cost-effective for most homes. In any case, if approved, must be part of comprehensive whole house approach.

g. *Higher tiered AC?There are no suitable cost-effective units that are commercially available. Other issues include MF, winter, interior covers. ***Art and Ken*** re indoor a/c covers.
h. Others?

11. **Field testing** of approved new measures
super insulation, eg, U-vacua, Aerogel (SERC-CEC)
new LEDs
parameters for SDHW installation (SERC-CEC)
a/c replacement thresholds
higher-tiered heating and HW (what exactly is this?)
MF distribution (NSTAR pilot)
MF clothes washers
Grounded Power (dead)
MF common area lighting controls
MF duct repair
MF CHP (SEC-CEC)
dehumidifier replacement

12. ** **Refrigerator thresholds**, repairs and replacements (***DEBI, KIM, ART***) See Debi's survey attached to May agenda. MF same as SF. No changes in 2012; preliminary 2013 attached.
    a. kWh/yr usage thresholds vary (WM 1059, NS 928, NG 836 if before 1989-960, CLC (same as NG?), FGE (same as NG?) – AGREED that thresholds should be uniform at the most generous level (WMECo), ALL to send thresholds to ***DEBI***, who will report new thresholds for 2013. Savings are deemed (note new evaluation).
    b. Is CEE Tier 3 efficiency worth the cost? ***MARGARET*** re Top 10.
    c. repair policies vary (WM w/in 3 yrs, NS case-by-case w/in 2 yrs, NG 5 yrs if in same location)
    d. replacement policies (NS every 10 years)
    e. SMOC to Debi re warranties:

    No books anymore on new items. I'm guessing this is common. I just bought a new washer and it didn't come with a book

    SMOC does not do a weekend emergency line. We never have needed one. If we can provide the phone number to the manufacturer to the clients that would save me lots of phone calls. The auditors all have these in their booklets.

    Warranty is one full year on the fridges/freezers but each utility has their own version of extended

    NGRID - During the first 5 years. They will pay for 1 out of warranty service. One time only program. So they can't get another one.

    NSTAR - Clients are responsible for all out of warranty service. But they will replace fridges every 5 years if the fridge dies.

Unitil - doesn't pay for service. One time only program

CLC - During the first 5 years they will pay for 1 out of warranty service. Will replace every 10 years.

Here is what you can refer clients for warranty. Any item that comes from Sears no matter what brand it is under warranty through sears though.

http://www.smoc.org/index.asp?pgid=46

13. **Coordinating background checks** – agreement in principle but issues include:
    a. Background check requirements differ
    b. Cost-sharing
    c. Share database
    d. Exceptions are individual
    e. Employees may move from one PA to another

    MARGARET re meetings

14. **Client education.** ***who in Darlene's absence?? Subcommittee is Darlene/Charlie H, Mike R, Lynda, Debi***– At various times, we have used various means of client education, including energy savings tips, walk-throughs, computer printouts, etc. Currently we leave a lead-safe pamphlet, a moisture pamphlet where appropriate, and conduct education orally. The Cadmus process evaluation suggests we take a closer look at what would be best, including possible uniform written materials. See, as example, WMECo materials (including calendar, Kate's social service program material) an others we reviewed at the June meeting. Three education items are attached (Ways to Save, Wheel). Questions include common leave behind?, other languages, what reaches people (e.g., elderly more likely to read?, homeowners pay more attention than renters?), quality and simplicity of material, internet links?, need to connect to specific customer needs; branding (LEAN, MassSave, PAs) (***Kara***); "kitchen table talk" checklist. Note that identification of savings is important. ***Darlene*** will report on progress of subcommittee (Darlene with Mike R, Lynda R, David Mac).***Craig and Mike R*** will circulate screen shots of computerized client action plan. There is budget available in 2012.

15. **TRM**– DEFER, now in Three Year Plan negotiation
    a. Examples of anomalies
        i. TRM (pp. 54-55) specifies that replacement refrigerators in single-family low-income homes have a lifetime of 19 years and savings of 1122 kWh/year, based in part on the assumption that the alternative is a "used inefficient unit." Yet the TRM specifies a measure life of only 12 years for multi-family installations, with a remaining life of the existing refrigerator of only a year and nothing said about the likely alternative. A reference is given to an Energy Star page (www.energystar.gov/.../business/bulk_purchasing/bpsavings_calc/Consumer_Residential_Refrig_Sav_Calc.xls - 2009-05-0) that states a 12-year life (nothing about the life of the existing unit) but is clearly not referring to low-income installations. The TRM specifies annual savings for an LIMF refrigerator as being the same as for non-low-income and sets the amount at 80 kWh for the life of the new refrigerator plus 884 kWh per year for the remaining life of the old refrigerator.
        ii. Lighting changes to reflect federal standards (see above).

iii. LEDs.
iv. Calculated actual savings exceed TRM deemed values (refrigerators, lamps, fixtures, repairs) – e.g., for CFLs, 55-65 actual vs.41 deemed, for electric Wx, ~4000 kWh actual vs. 374 deemed.
v. Oil heating and weatherization savings should be stated as kWh equivalent. E.g., oil Wx now gets 70 kWh, less than two CFLs.

b. Process is obscure, not transparent, and does not consistently include LEAN although there is often no other source for low-income-specific perspective.

16. **CRI QC** – stand-alones only.
Utilities need DHCD reports on piggybacks – agencies to provide. CMA resolved?

17. **2012 Metrics** –
#1. Best Practices Measures – MAKE ASSIGNMENTS
Super insulation such as aerogel, U-vacua,
Identify application parameters for SDHW,
Identify application parameters for MCHP,
Pilot comprehensive work in MF buildings with very high WEGO scores to include steam distribution system replacement,
Behavior-based pilot measures (if feasible and available)
Measures from National Survey [already referred to Common Assumptions]
i. Duct repairs
ii. MF clothes washers
iii. Occupancy sensors
iv. MF exterior photocells
v. Combined heat and hot water (MF and SF)
vi. Bi-level lighting controls
#2. MF Building Inventory (year 3 of 4)

17. **2013 Metrics – any need other than 2013 Building Inventory?**

18. **Other matters**?

RESOLVED AT AUGUST 8 MEETING

1. Agreed to convert $4500 measure cost cap (ex admin, repairs) to average for 2012, then review for 2013 caps for Wx; monthly reporting; approval over $7500.
2. DOE program will make minimum contributions for health & safety, repairs.
3. HPWHs should only be installed in basements to avoid stealing heat from conditioned space.
4. SF Duct repairs approved; MF on a custom basis.
5. Bi-level stairwell lighting controls approved.
6. Consideration of Tendril (Grounded Power) behavioral demand control initiative terminated because of vendor's failure to meet its commitments.
7. There are no suitable cost-effective high-efficiency a/c units that are commercially available

Meeting Minutes
October 15, 2012

MEETING PARTICIPANTS

Jerry Oppenheim (LEAN), Robert Gyurjan (Berkshire), Mike Rossacci (National Grid), Lynda Roe (National Grid), Michael Goldman (NSTAR), Cheryl Harrington (NSTAR), Deb Sas (WMECO), Craig Brown (Action Inc.), Karen Hulette (MOC), & Paul Jackson (SMOC), John Walsh (WMECO), John Guay (GLCAC), Peter Wingate (CA), Jim Peck (HAC)

ADDITIONAL PARTICIPANTS

Ken Rauseo (ABCD), Dave MacLellan (ABCD), Dave Fuller (DHCD), Ben Stephenson (Unitil), Margaret Song (CLC), Art Willcox (LEAN), AL Mickee (GLCAC), John Livermore (Consultant)

CURRENT ACTION ITEMS:

New ACTION Items

- Next Meeting scheduled for 12/12/12 at CMA provided the room is available.
- Jerry to look into Multi Family Fuel Blind possibilities.
- PAs to confirm that current non-gas heated Gas customers are eligible to participate in program
- Cheryl to nominate LI for AESP award on behalf of the Utilities, LEAN and CAPS
- PAs need to confirm to Debi Sas that 2013 Refrigerator Thresholds are approved
- LEAD Vendors and PAs need to discuss training needs and potential funding opportunities.
- David MacLellan to resend information on HPWH
- PAs need to check if there are any Training $$ available that are outside of the typical program funds

MEETING MINUTES:

Subject Matter **- Preliminaries**
Speaker: Jerry Oppenheim

- Note Taker:
  - Mike Rossacci (NGRID)
- Next meeting:
  - December 12th at 10:00 A.M. at CMA provided room is available.
- No changes mentioned to previous meeting notes
- Topics to include on agenda for next meeting include:
  - Multi-Family fuel blind possibilities.

Subject Matter **- DHCD Report, Contractor & Auditor training**
Speaker: Dave Fuller

- Largest issue going forward will be training
- Energy auditors will need to be trained on the implementation of ASHRAE 62-2 (Ventilation Standard)
- Determining a price for training
- 1/1/13 Official Standard of BPI will be changing and if adopted by the utilities, the training needs will be much greater.
- Also need to verify what energy auditors currently have for certifications

- About 50% of the Energy Auditors are BPI certified building analysts.
- But there are new QA requirements and they may not meet these.
- Getting contractors up to speed with OSHA10 and OSHA30
- DOE implementing requirement that every QA will need to be done by a person certified with the new standard – By March 2014
- Requirement – At least one person at each agency must pass the qualifications and do all of the QA
- Pilot tests are currently being performed
- There are subsidized tests available for approximately $800
- By the end of 2013 program must adhere to new DOE QA requirement
- There will be 4 job classifications including:
    - Crew Person – Certification will not be required
    - Energy Auditor with some sort of certification
    - QA Inspector
    - Crew Chief
- DOE WAP - MA may get in the range of $2m but there are efforts to increase this
- 2012 had $68m nationally and MA got approximately $4.5m
- LIHEAP state plan – there is the potential to use these funds in a similar fashion to DOE funding. Potentially $1m
- HeartWAP budget $8.5m (This runs Oct. 1 – Sept. 30)
- In 2012 there was a lower cost per unit ($2,000) for DOE jobs but DOE raised the average Health and Safety to $600 average with a $2,500 max
- BPI now covers combustion and safety training
- Jerry O –
    - Lead Vendors and PAs need to talk about training needs
    - There are a group of CAPS getting together to discuss training needs and funding. This is currently being defined
    - Paul Jackson (SMOC) will provide training total statewide training costs to Jerry required by utilities
    - Use standard allocation % to determine the estimate that each utilities will pay for training needs for 2013-2014
- Need to check if there are any Training $$ available that are outside of the typical program funds
- Jim Peck – Auditor training
    - BPI took a lead role in this part of the country
    - DOE recognized this and came out with this program to help standardize
    - This is a federal certification
    - There will be ongoing training associated to this for years to come

***Subject Matter* - Program Issues**

Speaker: All

- Jerry O – Program issues
    - RMC Discussion with the agreement that existing gas customers (non gas heat) are eligible for Wx and Heating System services for this program if making their own decision to switch to gas
    - This is utility funding only, cannot use HeartWap funds for this. (claim gas & oil savings)
    - PAs to confirm at next meeting
    - Need to determine if this for MF as well
- Margaret –

- LI is Up to 100% incentive but does not need to be 100%

- Robert
  - Current Electric incentive exists to convert from electric to gas – Note: Note-taker is unclear if this is for all utilities and if this is part of the commercial program.
- Craig – Would like to see fuel blind program for MF so we can serve oil customers
  - If they stay with oil, can we do anything for them?
  - This is indicated on page 172 of the Sept. filing.
  - This issue should go back to the utilities to discuss, Jerry to check into on a legal perspective
- Mike Goldman – NSTAR
  - Jerry will look at cost to achieve for total benefits
  - John Walsh – Concerned about the push to lower program costs despite issues like QA and DOE training requirements that will cause additional program costs
- Margaret to send out calculations she has made converting mmbtu to $$
  - USDA - Margaret has had issues with commitments when trying to partner with USDA forgivable loan folks.
  - Issues working with the respective directors at a program level
  - Seems to work best when initiated by the homeowner
  - Jim Peck will have more discussions with Margaret about this.

***Subject Matter* –Measures Update**

Speaker: Jerry Oppenheim

- Refrigerator thresholds – Deb
  - Kim calculated thresholds. B/C model would only change if prices change
  - PAs- Just need to follow up confirming to Deb
  - Repairs – one service in 5 years…keep an eye out for an increase in repairs
  - After 5 years fridge issues will be address along with a new audit
  - Reevaluate if this becomes a problem
  - Top Ten – Margaret – There is a tier with more savings
    - 6% to 25% of each of the lists with between 2 and 9 of each refrigerator
    - Can we create a tier to capture more savings since we have it on the list
    - Top ten represents many models of fridges
- Doors – Michael – NSTAR
  - Cost effectiveness depends on if oil versus gas heat
  - Cost effective with Oil and not gas
  - Oil: R5 – 1.7/ R7 1.9
  - Gas: R5 - .6 / R7 .7
  - Craig – Doors are a measure that need to be there
  - Some people are using interior closet doors for front doors
  - Currently being handled with DOE funds but we need $$ for it for stand alone jobs
- Heat Pump Water Heaters
  - Dave Mclellan
    - Will resend HPWH information, was waiting for feedback

- Will send out for final review
- John Walsh said over 400 HPWH rebates have gone out

***Subject Matter* - Client Education**

Speaker: Mike Rossacci

- Sub-committee overall goals for Client Education:
  - Streamline materials/messaging
  - Increase participation in program
  - Change behavior
- Favorable items include: Top Energy Saving Tips, Energy Wheel, Recycling Information, Warranty Information, Energy Savers Booklet, & Calendar as those seem to be less likely to be thrown away…Link to next steps for the customers was very favorable
- Sub-committee (Darlene Wong, Charlie Harak, Craig Brown, Mike Rossacci, Lynda Roe, and Dave MacLellan) to continue to work on suggestions/ideas for Client Education and report back at next meeting.
  - Leave Behind collateral
    - PAs not opposed to flash drives as an option for leave behinds but some people will want hard copy
    - Deb had sent out the Energy Wheel and 101 ways to save energy
    - Trying to keep package to 6 pieces max
    - Potential area on MASS save site with links to information
    - Giving customers some education on lighting materials
    - Margaret can approve changes to the website
    - Discussion of potential value to an interactive approach
    - Warranty information should be included
    - Roll out would most likely occur in 2013

***Subject Matter* – 2013 Metrics**

Speaker: Jerry Oppenheim

- 2013 Metrics
  - MF Building Inventory (Year 4 of 4)
  - 2012 Metrics
    - Everything is currently under control

Other:

- Cheryl – Wants to nominate LI Best Practice Group for the AESP Awards (Association of Energy Service Providers)
  - Cheryl to spearhead nominations for the award
  - It would be on behalf of the Utilities, LEAN and the CAPS

Attachment B
RESEARCH PLAN DOCUMENTATION

TO:	Massachusetts Low Income Energy Affordability Network
FROM:	Berkshire Gas Company, Columbia Gas of Massachusetts, National Grid, New England Gas Company, NSTAR Electric & Gas, Unitil Service Corporation, and Western Massachusetts Electric Company
CC:	Massachusetts Energy Efficiency Advisory Council
DATE:	March 30, 2012
RE:	2012 Metric One - Best Practices Research Plan

2012 Low Income Metric One: Best Practices Program Strategies Research & Technical Review of Potential New Measures

> ***Threshold*** *– In addition and in coordination with LEAN, PA's will also develop a research plan by April 1, 2012 to systematically investigate new technologies, measures, and program strategies that are to be considered for potential inclusion in the program. Each PA will accept an assignment with respect to written products and will submit documentation showing performance related to tasks.*

In 2011, PA's (Program Administrators) in conjunction with LEAN (Low Income Energy Affordability Network) developed and implemented a research survey conducted by The Cadmus Group, Inc, an Architecture/Engineering and Environmental Consulting Firm to identify potential new technologies, measures, and program strategies for consideration in future program offerings. An initial, broad list of 34 measures were identified for consideration based upon a review of relevant studies from the Consortium for Energy Efficiency and the American Council for an Energy Efficient Economy as well as a review of measure offerings in several other states including California, Oregon, Ohio, Wisconsin, Washington, and Utah.

Qualitative screening was completed on the initial list of measures which included factors such as: limited applicability, better measures available on the market, immature or unproven technology, poor customer acceptance, health and environmental concerns, difficulty of quantifying savings, and end-use service degradation.

For each of the technologies that passed the qualitative screening phase, research was performed to develop inputs for testing the cost effectiveness of the measures including installed measure costs, annual energy and dollar savings, and expected measure lives. Energy and dollar savings were provided for multiple fuel types, including electricity, natural gas, fuel oil and propane. Installed measure costs comprised of measure material costs and labor costs and the sources of the information that provided the basis for the input values are fully documented. It was also important to note any limitations to implementation of the measures (i.e. not all measures are applicable in all low income residential settings). Measure applicability factors such as seasonality, housing stock, existing energy usage, heating and water heating fuel types, and other pre-existing or market conditions were documented where appropriate.

The PA's used the information from the qualitative screening and the inputs required for testing the cost-effectiveness of these measures in order to develop a list of new program measures to research within 2012 for possible inclusion within the Low Income Program.

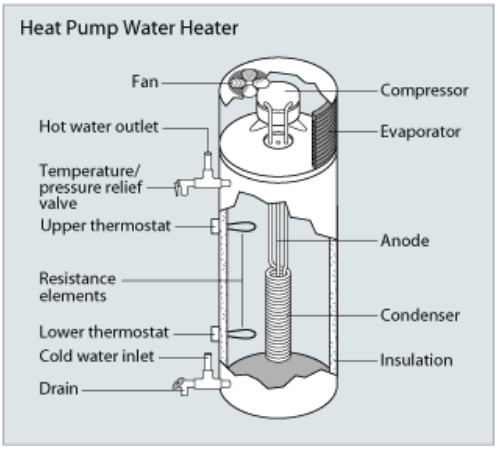
This list of new program measures coupled with some additional measures deferred from 2011 and some additional items specifically listed within the 2012 Metric represent the basis of our research plan and include the following:

1. Heat Pump Water Heaters
2. Direct-Vent Fireplace
3. Make-Up Air Units
4. High Efficiency Clothes Washers in multi-family buildings
5. Multi-Family Common Area Lighting Controls
6. Duct Repair
7. Combined Heat & Hot Waters in multi-family buildings
8. High Efficiency Dehumidifiers (replacement units only)
9. LED Lights – Bulbs & Fixtures
10. Solar Domestic Hot Water (SDHW)
11. High efficiency room a/c unit (replacement units only)
12. Higher tiered heating and water heating products
13. Multi-family steam distribution system replacement
14. Behavior-based pilot (GroundedPower)
15. Super insulation products and techniques (Aerogel)

The research plan for each specific measure is detailed below including PA assignment as well as documentation reporting the specific performance related to tasks that have been completed to date and next steps; however, assignments can be adjusted depending upon available resources.

1. **<u>Heat Pump Water Heaters</u>** ***(National Grid):***

The Heat Pump Water Heater was screened by the Common Assumptions Group in January 2012. Heat pump water heaters (HPWH) use electricity to move heat from one place to another instead of generating heat directly. Therefore, they can be two to three times more energy efficient than conventional electric resistance water heaters. A low-pressure liquid refrigerant is vaporized in the heat pump's evaporator and passed into the compressor. As the pressure of the refrigerant increases, so does its temperature. The heated refrigerant runs through a condenser coil within the storage tank, transferring heat to the water stored there. As the refrigerant delivers its heat to the water, it cools and condenses, and then passes through an expansion valve where the pressure is reduced and the cycle starts over.



<u>Approval for Use</u>:
The HPWH is approved for use when replacing an electric water heater as the benefits are greater than the costs using the following assumptions from the MA Technical Reference Manual 2012 Plan Version:

- Electric savings are 2,712 kWh per year for the 80 gallon size and 1,817 for the 50 gallon size[1]
- Demand savings are 3.32 kW[2]
- Measure lifetime is 10 years[3]
- Benefits are assigned dollar value based on current avoided costs (2012)

The HPWH is NOT approved for use when replacing an oil water heater as the benefits are not greater than the costs using the following assumptions from the MA Technical Reference Manual 2012 Plan Version:

- Electric penalty of -1,795 kWh per year for 80 gallon size and -1,552 for the 50 gallon size[4]
- Oil savings of 26.38 MMBTUs per year for the 80 gallon size and 18.22 for the 50 gallon size.[5]
- Measure lifetime is 10 years[6]
- Benefits are assigned dollar value based on current avoided costs (2012)

Unit Costs:
The cost for the 80 gallon electric replacement HPWH is $3,516.80 and $2,316.80 for the 50 gallon size. The cost for the oil replacement HPWH is $3,716.80 for 80 gallons and $2,516.80 for the 50 gallon size.

Conclusions and Recommendations:
This measure is deemed cost effective and approved for use when replacing an electric water heater. This measure is NOT cost effective and NOT approved for use when replacing an oil water heater.

The next step for this measure will be to field test and implement within 2012 by the Electric utilities. WMECo was successful in installing an Energy Star qualified State EXP 80 DHPT HPWH in a customer's home in Ludlow in March 2012. The 80 gallon hot water heat pump unit replaces a 120 gallon electric hot water heater. Field testing and performance analysis on this unit will continue throughout 2012 and results will be documented within the 2012 metric report.

2. Direct-Vent Fireplace *(New England Gas):*

The direct vent draws its combustion air from outside while venting to the same outside atmosphere - thereby not consuming warm house air, nor competing with other appliances and furnaces for combustion air. They are similar in operation to a space heater and the technology does not have a distribution system that would efficiently heat larger spaces. This measure was reviewed by The Cadmus Group/LEAN and rejected at

[1] Energy savings based on metered data from 14 in home installations over a 9 month period (November 2010-July 2011). Savings are discounted 5% to account for approximately 10% of units installed in conditioned spaces.
[2] Demand savings are based on engineering estimates. Savings based on 50 gallon tank, which will be conservative for the >50 gallon scenario.
[3] Based on warranty of equipment
[4] Electric penalty based on metered data from 14 in home installations over a 9 month period (November 2010-July 2011). Penalty represents total annual operating energy use for a HPWH.
[5] Oil savings based on metered data from 14 in home installations over a 9 month period (November 2010-July 2011).
[6] Based on warranty of equipment

the November 2011 Best Practices meeting as providing insufficient savings; therefore, there are no next steps to be completed regarding this measure.

3. **Make-Up Air Units (*Columbia Gas*):**
Ventilation can be critical in today's multi-family buildings. Making buildings too tight could potentially create more interior air pollution which can create unhealthy air conditions. Some buildings may use exhaust fans to purge air from the building, but if that air in not replaced, a negative pressure is created within the building which could result in doors that are difficult to open or close and exhaust fans that fail to work properly. The condition also starves combustion equipment for the air it needs to operate safely and efficiently.

   Make-up air units take in fresh air from the outside, condition it and circulate it through the building to prevent negative pressure, infiltration of cold air and air quality problems. Indirect fired make-up air units may be a feasible energy efficiency option for some multifamily buildings. In an indirect fired unit, air flows over a heat exchanger where make-up air can be heated, cooled or filtered as required. Because the products of combustion never come into contact with the air, and indirect unit is best for small enclose spaces.

   This measure was reviewed for use within a multi-family building and was determined to be a custom measure that needs to be reviewed on a case by case basis as this type of improvement is only feasible in specific applications and therefore will require a custom analysis for each project. As opportunities are identified, cost effectiveness will be evaluated prior to implementation.

4. **High Efficiency Clothes Washers in multi-family buildings (*National Grid*):**
Installation of an ENERGY STAR Clothes Washer MEF (Modified Energy Factor) =2.0, WF (Water Factor) =6.0 with an Electric Dryer was screened by Common Assumptions Group in February 2012.

   Approval for Use:
   The clothes washer with an electric dryer is approved for use in a multi-family building with a gas or electric water heater as the benefits are greater than the costs using the following assumptions:
   - With Gas water heater – electric savings are 1,054 kWh per year; gas savings are 0.75 MMBTUs per year.[7]
   - With Electric water heater – electric savings are 1,218 kWh per year.[8]
   - Measure lifetime is 11 years.[9]
   - Benefits are assigned dollar value based on current avoided costs (2011).

   Unit Costs:
   The cost for the clothes washer is $865.[10]

[7] ENERGY STAR; DOE Federal Test Procedure 10 CFR 430, Appendix J1 and Multi-family Laundry Association, 2002 and Cadmus CPUC Clothes Washers Study
[8] Ibid.
[9] ENERGY STAR; Appliance Magazine, September 2008
[10] ENERGY STAR Calculator, Average retail price of a qualified model in 2009 from national retail data and Average OR Tax Credit Data 2007 and Labor Cost: RS Means 2009.

Conclusions and Recommendations:
This measure is deemed cost effective for installation of a new ENERGY STAR Clothes Washer with an existing electric dryer for use in a multi-family building with a gas or electric water heater.

The next step for this measure is to field test and implement within 2012 by Electric utilities.

5. Multi-Family Common Area Lighting Controls (*NSTAR*):

- **Bi-Level Stairwell Lighting Controls (*NSTAR*):**
  Stairwell lighting typically operates continuously at full output despite very low, intermittent use. Stairwells account for about 2% of multistory building floor space, with an average of one light fixture for each 58 sq.ft. of stairwell and is trafficked 3-5% of the average day, according to the International Facility Management Association. A bi-level control is used to dim fixtures to lower light levels when a stairwell is unoccupied and reduces light loads by at least 50% for a set period of time. The sensor functions like an occupancy sensor, but does not entirely shut off fixtures. In most cases, regulations allow for the lamps to be dimmed to as low as 5% of normal during unoccupied periods. Savings factors are between 30% and 75% based on studies by the ACEEE (American Council for an Energy-Efficient Economy), PIER (Public Interest Energy Research) Lighting Research, and various utility program data. The baseline is continuous operation at full power. Total cost per fixture ranges from $213-$237 based on case studies by the PIER Lighting Research Program. The total cost includes material and labor costs.

  This measure has been referred to the Common Assumptions Group for BCR analysis and is currently under review. If the measure is deemed cost effective through the BCR model, it will be field tested and implemented within 2012 by Electric utilities.

- **Photocells (*NSTAR*):**
  Outdoor lighting in multi-family residential complexes accounts for a significant amount of the annual electric bill. Exterior lighting controls via photocell turn on and off exterior light fixtures when sunlight levels reach the desired set points. The measure achieves savings over time-clock or manual controls through changes in seasonal and site conditions by improving night time durations. A reduction of 10% was used based on a study by ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers). For single family a 60W bulb and for multifamily two 240 W lamp security light was assumed as the controlled fixture. The baseline assumes 10% greater operating hours for manual or time-clock controls. The total cost per sensor ranges from $50 to $135 based on data from various retailers and RS Means Electrical Cost 2009. The total cost includes material and labor costs.

  The installation of a low voltage exterior photocell that automatically turns lighting on and off was screened by the Common Assumptions Group in February 2012.

Approval for Use:
The exterior photocell is approved for use in a multi-family building when replacing a manually controlled exterior 240 watt fixture as the benefits are greater than the costs using the following assumptions:

- Electric savings are 210 kWh[11] and 0.057 kW[12] per year.
- Measure lifetime is 10 years.[13]
- Benefits are assigned dollar value based on current avoided costs (2011).

Unit Costs:
The cost for the exterior photocell is $138.50.[14]

Conclusions and Recommendations:
This measure is deemed cost effective by the Common Assumption Group and is approved for use in a multi-family building when replacing a manually controlled exterior 240 watt fixture as the benefits are greater than the costs. The next step for this measure will be to field test and implement within 2012 by the Electric utilities.

- **Occupancy Sensors (*NSTAR*):**

Occupancy sensors detect activity within a certain area and provide convenience by turning off fluorescent lighting when activity is not detected. Occupancy sensors can control single or multiple lighting zones and can be mounted on the fixture or on the wall at the light switch. The controlled lighting wattage varies depending on the application. This measure assumes a connected load of 0.094 kW, an hours of use reduction of 35%, and an uncontrolled annual usage of 3000 hours based on a study by the U.S. EPA (U.S. Environmental Protection Agency). The baseline assumes no lighting controls and full hours of operation. The total cost per sensor ranges from $50 to $75 depending on whether the sensor is fixture or wall mounted based on data from various retailers and RS Means Electrical Cost 2009. The total cost includes material and labor costs.

The installation of occupancy sensors in common area spaces was screened by the Common Assumptions Group in February 2012.

Approval for Use:
The occupancy sensors are approved for use in common area spaces in multi-family buildings as the benefits are greater than the costs using the following assumptions:

- Electric savings are 99 kWh[15] and 0.027 kW[16] per year.
- Measure lifetime is 10 years.[17]

[11] ASHRAE assumes a 10% savings for photocells.
[12] Estimated using the demand methodology described in: Quantec, LLC (2000). Impact Evaluation: Single Family EnergyWise Program. Prepared for National Grid.
[13] GDS Associates, Inc. (2007). Measure Life Report: Residential and Commercial/Industrial Lighting and HVAC Measures. Prepared for The New England State Program Working Group.
[14] Average of various retailer and contractor prices.
[15] MA TRM 2012 Program Year – Plan Version (October 2011).
[16] Estimated using the demand methodology described in: Quantec, LLC (2000). Impact Evaluation: Single Family EnergyWise Program. Prepared for National Grid.
[17] MA TRM 2012 Program Year – Plan Version (October 2011).

- Benefits are assigned dollar value based on current avoided costs (2011).

Unit Costs:
The cost for the occupancy sensors is $64.64.[18]

Conclusions and Recommendations:
Multi-Family Occupancy Sensors are deemed cost effective and have been approved for use in common area spaces within multi-family buildings as the benefits are greater than the costs.

The next step will be to be field test and implement this measure within 2012 by the Electric utilities.

6. Duct Repair (*Columbia Gas*):

In houses with forced-air heating and cooling systems, ducts are used to distribute conditioned air throughout the house. In a typical house, however, about 20 percent of the air that moves through the duct system is lost due to leaks, holes, and poorly connected ducts according to ENERGY STAR®.
Because ducts are often concealed in walls, ceiling, attics, and basements, repairing them can be difficult. Typical problems include:

- Leaky, torn, and disconnected ducts
- Poorly sealed registers and grills
- Leaks at furnace and filter slot
- Kinks in flexible ductwork restricting airflow

A duct system that is well-designed and properly sealed can make your home more comfortable, energy efficient, and safer. Benefits include:

- Comfort - Sealing and insulating ducts can help with common comfort problems, such as rooms that are too hot in the summer or too cold in the winter.
- Better Indoor Air Quality - Fumes from household and garden chemicals, insulation particles, and dust can enter your duct system, aggravating asthma and allergy problems. Sealing ducts can help improve indoor air quality by reducing the risk of pollutants entering ducts and circulating through your home.
- Safety-During normal operation, gas appliances such as water heaters, clothes dryers, and furnaces release combustion gases (like carbon monoxide) through their ventilation systems. Leaky ductwork in your heating and cooling system may cause “backdrafting,” where these gases are drawn back into the living space, rather than expelled to the outdoors. Sealing leaks can minimize this risk.
- Money Savings- Sealing and insulating ducts can increase efficiency and lower energy bills. Further, a well-designed and sealed duct system may allow downsizing to a smaller, less costly heating and cooling system that will provide better dehumidification.
- Protecting the Environment- Sealing ducts and reducing the amount of energy necessary to comfortably heat or cool a home can reduce the amount of air pollution generated.

[18] Average prices from various retailers (Ace Hardware, Sears, Home Depot, and other on-line retailers).

This measure has been referred to the Common Assumptions Group for BCR analysis. Common Assumptions Group is still clarifying some issues with duct repairs and will send out the screening report once resolved. A BCR analysis for cost effectiveness will be completed and if the measure is deemed cost effective, it will be field tested and implemented within 2012 by Gas utilities but initial indications are that it will pass.

7. **Combined Heat & Hot Waters in multi-family buildings *(Unitil)*:**
Combined Heat & Hot Water units are available in either a forced hot air or boiler configuration. The forced air units will use a coil immersed in a hot water tank to act as a heat exchanger. The water is then run to a heat exchanger, and air blown over this exchanger will provide the warm air through the traditional duct work. The boiler configuration functions as an on demand hot water heater. The demand for both heat and hot water is heated as called for through separate heat exchange loops in one common firing area. The advantage of this configuration is that with the increased demand of the domestic hot water load, there are longer run times, and decreased standing water losses. Domestic hot water is also provided only as needed, further decreasing the standing water losses.

This measure was reviewed for both single family buildings as well as multi-family buildings by The Cadmus Group/LEAN and was not approved as the benefits are not greater than the costs per the Best Practice meeting held on March 1, 2012. The measure had a high cost that was from $6,000 to $7,000 per unit which resulted in a BCR of 0.5. Therefore, there are no next steps required on this measure.

8. **High Efficiency Dehumidifiers (replacement units only) (*LEAN*):**
Excess moisture within indoor air can lead to mold, mildew, poor indoor air quality, and aggravated allergies over an extended period of time. Dehumidifiers prevent damage to infrastructure, protect indoor air quality, reduce allergens, and effectively lower the humidity. During operation, moist air is drawn into the dehumidifier and water is extracted and collected in a drain bucket or drained out through a hose. Once this is complete, comfortably dry, healthier air is dispersed throughout your space. This measure is currently offered within the Cape Light Compact program; however, within that program, a rebate is provided to the customer for replacement of dehumidifiers which only covers an incremental cost. As it relates to the Low Income program, the total cost of the measure needs to be used within the calculation which is approximately $250 - $320 per unit. Therefore, this measure was rejected at the Best Practice meeting due to lack of cost effectiveness and requires no additional next steps.

9. **LED Lights – Bulbs & Fixtures *(WMECo):***
To date in 2012, the Low Income program has adopted the following two LED bulbs for inclusion in our income eligible programs statewide:
    - Philips Endura 12.5W Ambient (60W equivalent) LED A19 Dimmable 25,000 hour bulb. The Common Assumptions Group deemed this bulb a cost effective measure when replacing a 60 W incandescent bulb and the Best Practices Working Group determined that due to the higher cost of the product verse a CFL, this bulb is most appropriate to be installed in a high use open fixture such as a table lamp and PA's have set a limit of one installation per household.

- Philips Endura 8W Ambient (40W equivalent) LED A19 Dimmable 25,000 hour bulb. The Common Assumptions Group deemed this bulb a cost effective measure when replacing a 40W incandescent bulb and the Best Practices Working Group determined that due to the higher cost of the product verse a CFL, this bulb is most appropriate to be installed in a high use open fixture such as a table lamp and PA's have set a limit of one installation per household.

Our review of the current Energy Star qualified LED product list reveals lamp types that are not currently approved or being installed in the income eligible programs. Therefore, in 2012, we will continue to monitor this list as well as other sources of information to determine additional LED products that may be used and are cost effective for use by this customer group. In addition, WMECo is in the process of arranging to conduct a field test of appropriate LED bulbs in a select number of income eligible households. Customers will be asked to provide feedback about the LED bulbs that are installed and the results will be reported in the Feb 2013 statewide metrics report.

Additionally, WMECo has also invited Energy Federation Incorporated (EFI) to demonstrate currently available Energy Star rated LED bulbs to the members of the Best Practices Group on May 1st, 2012 at Columbia Gas Company in Westborough, Mass for review and consideration.

Upon researching available Energy Star rated LED bulbs, preliminary results reveal LED bulbs that may be appropriate for use in the following formats: table/floor lamps, pendant fixtures, ceiling fans, wall sconces, recessed can/down lights and track lighting. The following are examples of LED bulbs that we will continue to research and which may be considered for testing in Western Massachusetts homes:

- 15W Incandescent Equivalent, 25000 Hour, 2.6 Watt, DIMMABLE LED Decorative Bulb.
- 17Watt, 120 Volt DIMMABLE 45,000-Hr Warm White LED PAR38 Bulb
- 8 Watt, DIMMABLE LED PAR20 Lamp with Medium Base
- 9 Watt, 120 Volt DIMMABLE 50,000-Hr Warm White LED PAR20 Bulb
- 11Watt, 120 Volt DIMMABLE 40,000-Hr Warm White LED PAR30/S Bulb
- DIMMABLE 65-75W Halogen Equivalent
- 16-Watt (90W) BR40 LED Flood Light Bulb (E*)
- EcoSmart 13-Watt (60W) A19 DayLight LED Light Bulb (E)*
- EcoSmart16-Watt (90W) BR40 LED Flood Light Bulb (E*)

10. Solar Domestic Hot Water (SDHW) (*LEAN*):

Solar hot water systems use basic principles and components to capture incoming solar radiation and heat water for domestic and other uses. 20 SDHW systems were completed in 2011 utilizing a combination of CEC (MA Clean Energy Center) and SERC (Sustainable Energy Resources for Consumers) funding. Another round of funding has been received from CEC to install approximately 16 additional solar thermal projects with applications accepted beginning March 1st and projects operating through year end. Based upon completion of these projects, LEAN will research and develop parameters that serve as required criteria for "Best Practices" to review the eligibility of the application. The next step is preparation of a detailed report on the completed sites and the calculated savings and will be presented to Best Practices for review and possible cost-effective analysis screening by Common Assumptions Group.

11. High efficiency room a/c unit (replacement units only) (*NSTAR*):

Replacement of an old, inefficient A/C unit with a more energy efficient ENERGY STAR® rated A/C unit is already an approved measure for the Low Income program. ENERGY STAR® Room A/C units feature high-efficiency compressors, fan motors and heat transfer surfaces. Air conditioners cool by passing air over refrigerant coils that have fins that look like an automobile radiator. A compressor sends the cooled refrigerant through the coils, and the air gets cooler as it is forced over the coils. ENERGY STAR® air conditioners use advanced heat transfer technologies that transfer more of the heat from the air into the coils. This saves on the amount of energy required to compress the refrigerant. ENERGY STAR® Room Air Conditioners exceed minimum federal standards for energy consumption by at least 15%.

Therefore, while this measure is already part of the Low Income program offering; the development of a minimum tier level to be used is currently under review. We are researching the availability of higher tiered A/C units over and above that of ENERGY STAR rated. If higher tiered products are available, the product(s) will be referred to the Common Assumptions Group for cost-effectiveness screening and possible inclusion within the program.

12. Higher tiered heating and water heating products (*Berkshire Gas*)

A review of available products in the market place for higher minimum baseline consideration is underway. The next step will be to research available products that are currently available within the market. For those products that have not been analyzed, the information will be referred to the Common Assumptions Group for cost-effectiveness screening and possible inclusion within the program.

13. Multi-family steam distribution system replacement (*NSTAR*):

A steam distribution system transports steam or hot water from a boiler to the various pieces of end-use equipment throughout a building and distribution heat losses can be from 5 to 15 percent of the total energy that is generated in a boiler system. However, replacement of a distribution system is quite costly and has yet to be determined as cost effective but is a critical element of ensuring efficiency when a new boiler system is installed. Therefore, in coordination with LEAN, NSTAR is planning on testing the cost-effectiveness of replacing the distribution system along with the replacement of a boiler system within a multi-family building. This project will need to be located within the New Bedford area based upon existing non Energy Efficiency funding that is available.

Once an applicable project is determined that fits the guidelines and within the funding that is available, overall approval from the Attorney General is required. NSTAR's, lead vendor ABCD is currently researching feasible project(s) within the area, and will develop and submit a proposal to NSTAR and LEAN for review once a project has been determined. If the project is approved by NSTAR and LEAN, a joint proposal will be submitted to the MA Attorney General for final approval. With approval from the MA Attorney General, the project will be implemented and savings calculations will be analyzed for measure consideration by the Best Practices Working Group.

14. **Behavior-based pilot (GroundedPower) (*LEAN*):**
GroundedPower provides technology to address the issue of behavior change as a follow-up service to the existing energy efficiency audit and retrofit services. GroundedPower was acquired in 2011 by a larger company (Tendril) and has been unresponsive to date in pursuing this endeavor; therefore, the Best Practice Working Group decided to defer this measure to 2012/2013 in the hopes of reigniting the interest of partnering together on the program. The next step is for LEAN to continue to discuss possible opportunities with GroundedPower for working together for the Low Income program.

15. **Super insulation products and techniques (Aerogel) (*Berkshire Gas*):**
Aerogel is produced by removing the liquid molecules from silica and replacing them with a gas, resulting in a material that is extremely resistant to conductive heat transmission. Aerogel is reusable, safe for human and ecological systems, and is manufactured with little to no impact on the environment. Manufactured in sheets known as Thermal wrap blankets, product can be cut, sewn, or laminated for a variety of applications, including exterior wall insulation similar to rigid foam board. Also manufactured in particle form, aerogel can be installed as a loose fill product similar in application to cellulose; either open blown, or dense packed. Aerogel has an approximate R value of R-10, more than twice most low density foams, cellulose and fiberglass. For our purposes, the Low Income Best Practices Working group is testing Aerogel via Thermal wrap blankets as an option in Multi-family buildings when conventional insulation installations are not possible. With limited information currently available as to the projected savings from this measure, the Best Practices Working Group is currently waiting on a CEC/DOE SERC project (MA Clean Energy Center/US Department of Energy/Sustainable Energy Resources for Consumers) which started in 2011 and piloted 3 wall installations over the current heating season. 2 projects are in process and are scheduled to be completed by March 31st. The 3rd site has been awarded but will have increased thickness of Aerogel which will increase the R-Value. The next step will be to continue to monitor the 3 projects and obtain evaluated savings once the projects have been completed. Evaluated savings will be provided to Common Assumptions for BCR analysis of cost-effectiveness. If the measure is deemed cost effective, it will be field tested and implemented by Gas utilities.

Cost-effectiveness analysis will be conducted by the PA Common Assumptions group, which shall include LEAN for this purpose, once a measure has been referred by Best Practices, with first reports of analysis provided no later than July 15, 2012. All feasible non-pilot cost-effective measures will be included within the standard program offering within 3 months, subject to PA specific budget impacts and each PA will submit documentation showing its performance of these tasks.

Attachment C
COMMON ASSUMPTIONS REPORT OF ANALYSIS

TO:	Massachusetts Low Income Energy Affordability Network
FROM:	MA Common Assumptions Working Group
CC:	Massachusetts Energy Efficiency Advisory Council
DATE:	July 13, 2012
RE:	2012 Metric One - Best Practices Common Assumptions Report of Analysis

2012 Low Income Metric One: Best Practices Program Strategies Research & Technical Review of Potential New Measures

> ***Design*** *– Cost-effectiveness analysis will be conducted by the PA Common Assumptions group, or equivalent, which shall include LEAN for this purpose, within eight weeks of referral by Best Practices, with first reports of analysis no later than July 15, 2012. All feasible non-pilot cost-effective measures to be included in standard program offering within 3 months, subject to PA specific budget impacts. Each PA will submit documentation showing its performance of these tasks.*

This memo is provided to meet the first report of analysis by July 15, 2012 in the design portion of Metric 1 for 2012. Based upon the Research Plan submitted by the PAs on March 30, 2012 to meet the Threshold requirement, the following new technologies and measures represent the basis of the research plan and were to be investigated for potential inclusion within the program:

1. Heat Pump Water Heaters
2. Direct-Vent Fireplace
3. Make-Up Air Units
4. High Efficiency Clothes Washers in multi-family buildings
5. Multi-Family Common Area Lighting Controls
6. Duct Repair
7. Combined Space Heat & Water Heat in multi-family buildings
8. High Efficiency Dehumidifiers (replacement units only)
9. LED Lights – Bulbs & Fixtures
10. Solar Domestic Hot Water (SDHW)
11. High efficiency room a/c unit (replacement units only)
12. Higher tiered heating and water heating products
13. Multi-family steam distribution system replacement
14. Behavior-based pilot (GroundedPower)
15. Super insulation products and techniques (Aerogel)

The MA Common Assumptions Working Group has participated in regular meetings throughout the year with LEAN and the MA Best Practices Working Group to discuss screening of these measures. To date, these meetings have been held on January 23rd, March 1st, May 1st, and June 13th. The MA Best Practices Working Group, in conjunction with LEAN, analyzed the measures to be screened and documented assumptions used in the attached reports. From these reports, each of the PAs screened the electric measures in their individual Electric Benefit Cost Screening models. In addition, National Grid and Unitil screened gas measures in their gas models while GDS screened the same measures for the remainder of the Gas PAs.

All PAs and LEAN are in agreement that the following measures screened as follows:

Measure	**Screening**
Heat Pump Water Heater	This measure is cost effective and approved for use when replacing an electric water heater. This measure is NOT cost effective and NOT approved for use when replacing an oil water heater.
Direct-Vent Fireplace	This measure was reviewed by The Cadmus Group/LEAN and rejected as providing insufficient savings. Therefore, this measure was not referred to the MA Common Assumptions Working Group for screening analysis.
Make-Up Air Units	This measure was reviewed for use within a multi-family building and was determined to be a custom measure that needs to be reviewed on a case by case basis as this type of improvement is only feasible in specific applications and therefore will require a custom analysis for each project. As opportunities are identified, cost effectiveness will be evaluated prior to implementation.
High Efficiency Clothes Washers in multi-family buildings (non coin-operated)	This measure is deemed cost effective for installation of a new ENERGY STAR Clothes Washer with an existing electric dryer for use in a multi-family building with a gas or electric water heater.
Multi-Family Common Area Lighting – Bi-Level Stairwell Lighting Controls	The bi-level stairwell controls are approved for use in a multi-family building when replacing no stairwell control as the benefits are greater than the costs.
Multi-Family Common Area Lighting - Photocells	This measure is deemed cost effective by the Common Assumption Group and is approved for use in a multi-family building when replacing a manually controlled exterior 240 watt fixture as the benefits are greater than the costs.
Multi-Family Common Area Lighting – Occupancy Sensors	Multi-Family Occupancy Sensors are deemed cost effective and have been approved for use in common area spaces within multi-family buildings as the benefits are greater than the costs.
Duct Repair	Repairing ducts in a gas heated single-family home is deemed cost effective as the benefits are greater than the costs. Repairing ducts in gas heated multi-family facilities with 5+ dwelling units was determined to be a custom measure that needs to be reviewed on a case by case basis as multi-family building structures vary greatly. Given that duct repair is cost effective for single family homes, the measure warrants a custom screening analysis for multi-family applications.
Combined Space Heat & Water Heat in Multi-Family buildings	This measure was reviewed for both single family buildings as well as multi-family buildings by The

	Cadmus Group/LEAN and had a high cost that was from $6,000 to $7,000 per unit which resulted in an initial BCR of 0.5. Therefore, this measure was not referred to the MA Common Assumptions Working Group for screening analysis as the benefits are not greater than the costs.
High Efficiency Dehumidifiers (replacement units only)	Due to the high measure cost which is approximately $250 - $320 per unit, this measure was rejected by the Best Practices Working Group due to the lack of cost effectiveness and therefore, was not referred to the MA Common Assumptions Working Group for screening analysis.
Philips Endura 12.5W LED A19 Bulb	The MA Common Assumptions Working Group deemed this bulb a cost effective measure when replacing a 60 Watt incandescent bulb. The Best Practices Working Group determined that due to the higher cost of the product in comparison to a CFL, a LED bulb is most appropriately installed in a high use open fixture such as a table lamp. The PAs have set a limit of one installation per household.
Philips Endura 8W LED A19 Bulb	The MA Common Assumptions Group deemed this bulb a cost effective measure when replacing a 40 Watt incandescent bulb. The Best Practices Working Group determined that due to the higher cost of the product in comparison to a CFL, a LED bulb is most appropriately installed in a high use open fixture such as a table lamp. The PAs have set a limit of one installation per household.
High Efficiency Room AC Unit (replacement unit only)	The Best Practice Working Group researched the availability of higher tiered A/C units over and above that of ENERGY STAR rated which is already part of the Low Income program. Higher Tiered 1 and 2 Room AC units were found to be available; however, via the initial screening from NSTAR, they were not cost effective and provided a BCR of 0.3 and 0.2. Therefore, this measure was not referred to the MA Common Assumptions Working Group for screening analysis.
Behavior-based pilot (GroundedPower)	GroundedPower has been unresponsive to date in pursuing a behavior-based pilot program since initial discussions commenced in early 2010. The Best Practices Working Group had originally decided to defer this measure to 2012 in the hopes of reigniting the interest of partnering together on the program; however, the Best Practices Working Group decided at the June 13th meeting, that they will no longer pursue the partnership due to the lack of interest from Tendril, the company that acquired GroundedPower in 2011. Therefore, this

	measure was not referred to the MA Common Assumptions Working Group for screening analysis.

Documentation associated with these screenings is included in Attachment A.

The following measures are still under review by the MA Best Practices Working Group and LEAN and have not yet been referred to the MA Common Assumptions Working Group for screening analysis:

- Solar Domestic Hot Water
- Higher tiered heating and water heating products
- Multi-family steam distribution replacement
- Super insulation (Aerogel)

ATTACHMENT A

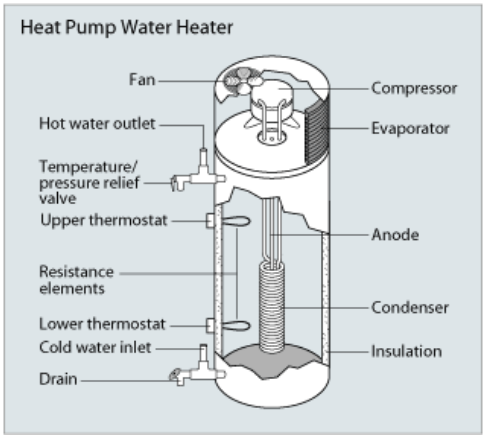
January, 2012

Review of Heat Pump Water Heaters (HPWH)

Kimberly Crossman, National Grid

Description:

Heat pump water heaters (HPWH) use electricity to move heat from one place to another instead of generating heat directly. Therefore, they can be two to three times more energy efficient than conventional electric resistance water heaters. A low-pressure liquid refrigerant is vaporized in the heat pump's evaporator and passed into the compressor. As the pressure of the refrigerant increases, so does its temperature. The heated refrigerant runs through a condenser coil within the storage tank, transferring heat to the water stored there. As the refrigerant delivers its heat to the water, it cools and condenses, and then passes through an expansion valve where the pressure is reduced and the cycle starts over.



Approval for Use:

The HPWH is approved for use when replacing an electric water heater as the benefits are greater than the costs using the following assumptions from the MA TRM 2012 Plan Version:

- Electric savings are 2,712 kWh per year for the 80 gallon size and 1,817 for the 50 gallon size[19]
- Demand savings are 3.32 kW[20]
- Measure lifetime is 10 years[21]
- Benefits are assigned dollar value based on current avoided costs (2012)

The HPWH is NOT approved for use when replacing an oil water heater as the benefits are not greater than the costs using the following assumptions from the MA TRM 2012 Plan Version:

- Electric penalty of -1,795 kWh per year for 80 gallon size and -1,552 for the 50 gallon size[22]
- Oil savings of 26.38 MMBTUs per year for the 80 gallon size and 18.22 for the 50 gallon size.[23]
- Measure lifetime is 10 years[24]
- Benefits are assigned dollar value based on current avoided costs (2012)

Unit Costs:

The cost for the 80 gallon electric replacement HPWH is $3,516.80 and $2,316.80 for the 50 gallon size. The cost for the oil replacement HPWH is $3,716.80 for 80 gallons and $2,516.80 for the 50 gallon size.

Conclusions and Recommendations:

This measure is cost effective and approved for use when replacing an electric water heater.
This measure is NOT cost effective and NOT approved for use when replacing an oil water heater.

---

[19] Energy savings based on metered data from 14 in home installations over a 9 month period (November 2010-July 2011). Savings are discounted 5% to account for approximately 10% of units installed in conditioned spaces.
[20] Demand savings are based on engineering estimates. Savings based on 50 gallon tank, which will be conservative for the >50 gallon scenario.
[21] Based on warranty of equipment
[22] Electric penalty based on metered data from 14 in home installations over a 9 month period (November 2010-July 2011). Penalty represents total annual operating energy use for a HPWH.
[23] Oil savings based on metered data from 14 in home installations over a 9 month period (November 2010-July 2011).
[24] Based on warranty of equipment

February, 2012

Review of MF Clothes Washer and Electric Dryer

Riley Hastings, NSTAR
Kimberly Crossman, National Grid

Description:

Installation of an ENERGY STAR Clothes Washer MEF=2.0, WF=6.0 with an Electric Dryer.

Approval for Use:

The clothes washer with an electric dryer is approved for use in a multi-family building with a gas or electric water heater as the benefits are greater than the costs using the following assumptions:

- With Gas water heater – electric savings are 1,054 kWh per year; gas savings are 0.75 MMBTUs per year.[25]
- With Electric water heater – electric savings are 1,218 kWh per year.[26]
- Measure lifetime is 11 years.[27]
- Benefits are assigned dollar value based on current avoided costs (2011).

Unit Costs:

The cost for the clothes washer is $865.[28]

Conclusions and Recommendations:

This measure is cost effective.

[25] ENERGY STAR; DOE Federal Test Procedure 10 CFR 430, Appendix J1 and Multi-family Laundry Association, 2002 and Cadmus CPUC Clothes Washers Study
[26] Ibid.
[27] ENERGY STAR; Appliance Magazine, September 2008
[28] ENERGY STAR Calculator, Average retail price of a qualified model in 2009 from national retail data and Average OR Tax Credit Data 2007 and Labor Cost: RS Means 2009.

July, 2012

Review of Bi-Level Stairwell Controls

Riley Hastings, NSTAR

Description:

Installation of a bi-level stairwell lighting controls in a MF building.

Approval for Use:

The bi-level stairwell controls are approved for use in a multi-family building when replacing no stairwell control as the benefits are greater than the costs using the following assumptions:

- Electric savings are 171.5 kWh[29] and 0.044 kW[30] per year.
- Measure lifetime is 12 years.[31]
- Benefits are assigned dollar value based on current avoided costs (2011).

Unit Costs:

The total installed measure cost for the bi-level stair control is $225.[32]

Non-Energy Benefits:

- Includes average rate discount difference between R1 and R2 rates.[33]
- Price hedging value of $0.005/kWh[34]
- Economic development value of $0.04/kWh[35]

Conclusions and Recommendations:

The bi-level stairwell controls measure is cost effective with a TRC benefit-cost ratio of 1.0.

[29] The proposed savings is 45% for stairwell electric savings.
[30] The Cadmus Group, Inc. (2012). *Demand Impact Model.* Prepared for the Massachusetts Program Administrators.
[31] GDS Associates, Inc. (2007). Measure Life Report: Residential and Commercial/Industrial Lighting and HVAC Measures. Prepared for The New England State Program Working Group.
[32] Cost based on a case study: PIER Buildings Program Link: http://www.archenergy.com/lrp/products/brochures/deliverable_6.2.5_CaseStudy_5.1.pdf
[33] NMR Group. (2011). "Massachusetts Special and Cross-Sector Studies Area, Residential and Low-Income Non-Energy Impacts (NEI) Evaluation". Prepared for the Massachusetts Program Administrators.
[34] Lawrence Berkley National Laboratory. (2002). "Quantifying The Value That Wind Power Provides As A Hedge Against Volatile Natural Gas Prices"
[35] Environment Northeast. (2009)."Energy Efficiency: Engine of Economic Growth".

February, 2012

Review of MF Exterior Photocell

Riley Hastings, NSTAR
Kimberly Crossman, National Grid

Description:

Installation of a low voltage exterior photocell that automatically turns lighting on and off.

Approval for Use:

The exterior photocell is approved for use in a multi-family building when replacing a manually controlled exterior 240 watt fixture as the benefits are greater than the costs using the following assumptions:

- Electric savings are 210 kWh[36] and 0.057 kW[37] per year.
- Measure lifetime is 10 years.[38]
- Benefits are assigned dollar value based on current avoided costs (2011).

Unit Costs:

The cost for the exterior photocell is $138.50.[39]

Conclusions and Recommendations:

This measure is cost effective.

[36] ASHRAE assumes a 10% savings for photocells.
[37] Estimated using the demand methodology described in: Quantec, LLC (2000). Impact Evaluation: Single Family EnergyWise Program. Prepared for National Grid.
[38] GDS Associates, Inc. (2007). Measure Life Report: Residential and Commercial/Industrial Lighting and HVAC Measures. Prepared for The New England State Program Working Group.
[39] Average of various retailer and contractor prices.

February, 2012

Review of MF Occupancy Sensors

Riley Hastings, NSTAR
Kimberly Crossman, National Grid

Description:
Installation of occupancy sensors in common area spaces.

Approval for Use:
The occupancy sensors are approved for use in common area spaces in multi-family buildings as the benefits are greater than the costs using the following assumptions:

- Electric savings are 99 kWh[40] and 0.027 kW[41] per year.
- Measure lifetime is 10 years.[42]
- Benefits are assigned dollar value based on current avoided costs (2011).

Unit Costs:
The cost for the occupancy sensors is $64.64.[43]

Conclusions and Recommendations:
This measure is cost effective.

[40] MA TRM 2012 Program Year – Plan Version (October 2011).
[41] Estimated using the demand methodology described in: Quantec, LLC (2000). Impact Evaluation: Single Family EnergyWise Program. Prepared for National Grid.
[42] MA TRM 2012 Program Year – Plan Version (October 2011).
[43] Average prices from various retailers (Ace Hardware, Sears, Home Depot, and other on-line retailers).

July, 2012

Review of Duct Repair
Kara Gray, Columbia Gas
Monica Cohen, Columbia Gas

Description – Single Family:
Repairing ducts in a gas heated single-family home.

Approval for Use:
Duct repair is approved as the benefits are greater than the costs using the following assumptions:

- Gas savings are 11.45 MMBTU per year.[44]
- Measure lifetime is 18 years.[45]
- Benefits are assigned dollar value based on current avoided costs (2011).

Unit Costs:
The cost for duct repair is $686.20.[46]

Conclusions and Recommendations:
This measure is cost effective.

Description – Multi-Family:
Repairing ducts in gas heated multi-family facilities with 5+dwelling units.

Findings:
Multi-family building structures vary greatly. Facilities can have five to hundreds of units in one or multiple buildings. The vast differences in multi-family structures make this measure difficult to screen for cost effectiveness. Using deemed savings and average costs values are not appropriate for the calculation.

Given that duct repair is cost effective for single family homes, the measure warrants a custom screening analysis for multi-family applications.

Further, the 2012 TRM provides some initial assumptions used by one PA to consider in a custom analysis.

Conclusions and Recommendations:
This measure should be reviewed as a custom measure on a project by project basis.

[44] MA TRM 2011 Program Year – Plan Version (October 2010) and ENERGY STAR Calculator
[45] MA TRM 2011 Program Year – Plan Version (October 2010)
[46] Average cost based on various sources such as the ENERGY and Environment Building Association and toolbase.org.

August, 2011

Review of LED Bulbs
Kimberly Crossman, National Grid

Description – 12.5 W LED:
An A19 LED Indoor Bulb is used as a replacement for 60w incandescent bulbs.

• Delivered Light Output = 800 lumens
• Input Power = 12.5 Watts
• CRI = 80
• CCT = 2700K
• Dimmable

Approval for Use:
The A19 LED bulb is approved for use when replacing an incandescent lamp as the benefits are greater than the costs. It is not approved for replacing a CFL.

Unit Costs:
The cost for the A19 LED bulb is $40 plus $5 labor.

Conclusions and Recommendations:
This measure is cost effective when replacing an incandescent lamp.

- Replacing a 60w incandescent bulb with a 12.5 LED bulb (47.5w diff). To calculate savings the following formula was used:
  - The fixture is assumed to operate 4 hours per day; 365 days per year.
  - 47.5w/1000 *1,460 hours of use = 69 kWh savings.
  - A lifetime of 15 years was assumed
- Using the formula and assumptions above an LED bulb would save 69 kWh and .05 kW.
- A one time O&M benefit of $3.00 was used.

January, 2012

Review of LED Bulbs
Kimberly Crossman, National Grid

Description – 8 W LED:
An A19 LED Indoor Bulb is used as a replacement for 40w incandescent bulbs.
• Delivered Light Output = 470 lumens
• Input Power = 8 Watts
• CRI = 80
• CCT = 2700K
• Dimmable

Approval for Use:
The A19 LED 8 watt bulb is approved for use when replacing an incandescent lamp as the benefits are greater than the costs. It is not approved for replacing a CFL.

Unit Costs:
The cost for the A19 8 watt LED bulb is $26.15[47] plus $5 labor.

Conclusions and Recommendations:
This measure is cost effective when replacing an incandescent lamp.

- Replacing a 40w incandescent bulb with an 8 watt LED bulb (32w diff). To calculate savings the following formula was used:
  - The fixture is assumed to operate 4 hours per day; 365 days per year.
  - 32w/1000 *1,460 hours of use = 46.7 kWh savings.
  - A lifetime of 15 years was assumed
- Using the formula and assumptions above an LED bulb would save 46.7 kWh and .03 kW.
- A one time O&M benefit of $3.00 was used.

[47] Email from John O'Connell from EFI 1/23/2012

Performance Metric Documentation

Low Income Metric #2

Multi-Family Building Inventory

[Electric & Gas – Statewide]

2012 Low-Income Metric Two

Berkshire Gas Company, Columbia Gas of Massachusetts, National Grid, New England Gas Company, NSTAR Electric & Gas, Unitil Service Corporation, and Western Massachusetts Electric Company are submitting this report to update the Low Income Energy Affordability Network (LEAN) on the status of the 2012 Low Income metric number two.

2. Multi-family Building Inventory

Threshold: In coordination with LEAN, the utilities shall continue to support the development and on-going efforts of the 2010-2012 statewide non-profit multi-family building inventories, begun in 2010 and scheduled to conclude by the end of 2013. The objective is to facilitate benchmarking for identification of energy retrofit potential in low-income multifamily buildings and to screen potential projects. Benchmarking allows the Low-Income Multifamily Program to identify and target the most energy-inefficient buildings in order to maximize deep, comprehensive savings. This four-year effort, begun in 2010, provides building square footage and at least a year of energy consumption data with respect to buildings that are majority-occupied by low-income tenants. This information is currently systematically available on a limited basis for public housing authority buildings and virtually not at all for other buildings. The information will support develop of an energy efficiency standard (e.g., BTUs of energy per square foot of heated space) for low-income multi-family buildings.

Design: Each utility PA will conduct an inventory in its service territory, reaching the designated milestone number of account reports (defined under "Baseline Information") as indicated below. Each utility will support the inventory on an allocated basis, with a statewide total of 536 accounts per month (not including Cape Light Compact). See Allocation Table below.

Baseline Information:

Utility	% Allocation	# of Account Reports
NSTAR Electric	24%	129
NGRID Electric	20%	107
WMECO	4%	21
Unitil Electric	1%	5
NSTAR Gas	14%	75
NGRID Gas	22%	118
Columbia Gas	10%	54
Berkshire Gas	2%	11
New England Gas	2%	11
Unitil Gas	1%	5

Exemplary: By Jan 31st, 2013, in coordination with LEAN, each PA will submit a status report showing its inventory results. The status report shall include a summary of what has been learned to date relating to the energy consumption in non-profit low income multi-family buildings (e.g., average BTUs/square foot, reasonable target consumption, reasonable threshold consumption for weatherization measures, etc.), and recommendations as appropriate.

Clear & Distinct Role: Each utility must continue to participate in development of the inventory, support its implementation, and report thereon.

Verification Plan: An allocated share of low-income multi-family buildings must be entered in the database.

Baseline Information: The current low-income multi-family building universe consists of approximately 20,300 common area/master metered accounts and/or collections of tenant accounts in approximately 13,500 buildings. Where tenant accounts exist and are available with respect to a fuel, the report (Account Report in the table above) will include the entire building, i.e., common areas/master metered (if any) and all tenants in one combined report. Otherwise, the report will include only common areas (if any). The estimate of 20,300 accounts for such situations as municipal utilities (not included) and the lack of common area or gas accounts.

We believe that by completion and documentation of these tasks within this status report dated January 30, 2013, each utility has reached the level of metric listed below.

Berkshire Gas Company – Exemplary
National Grid Electric – Exemplary
New England Gas Company – Exemplary
NSTAR Gas – Exemplary
Unitil Service Corporation Gas – Exemplary**
Columbia Gas of Massachusetts – Exemplary
National Grid Gas – Exemplary
NSTAR Electric – Exemplary
Unitil Service Corporation Electric – Exemplary**
Western Massachusetts Electric Company – Exemplary

*** Please refer to Attachment C.*

Respectfully submitted by:

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Deborah E. Sas
Senior Program Administrator
Western Massachusetts Electric Company

Metric 2: Multi-Family Building Inventory

In coordination with LEAN, the utilities or Program Administrators (PAs) continued to support the development and on-going efforts of a low-income, multi-family building inventory in order to facilitate benchmarking for project identification of energy retrofit potential and screening of potential projects. By comparing buildings' normalized utility use, the PAs have been able to identify the least efficient buildings among all those eligible for funding and prioritize energy efficiency projects to make the most of the budgets.

Metric Achievements

THRESHOLD

- PAs contracted, through the LEAN network, with New Ecology to create a comprehensive inventory of low-income multi-family buildings in the state of Massachusetts with the objective of establishing energy benchmarks and supporting the development of an energy efficiency standard for low-income multi-family buildings.
- PAs identified the most energy-inefficient buildings in order to prioritize energy efficiency projects and funding available in 2012
- PAs continued to use the WegoWise application and obtain monthly inventory account reports with energy usage data in order to track progress on the metric and ensure necessary inventory and information was being acquired
- PAs worked with New Ecology to supply necessary energy usage data for multi-family inventory
- PAs were able to use the inventory data collected between 2010-2012 to assist in the development of the 2013-2015 plan

DESIGN

In coordination with LEAN, each PA implemented the Inventory within its service territory reaching the monthly average target necessary to achieve the design level**.**

Program Administrator	% Allocation	Required Monthly Accounts	Monthly Average Accounts	Total
Berkshire Gas	**2%**	**11**	**13.3**	**159**
Columbia Gas	**10%**	**54**	**66.0**	**792**
NGrid Electric	**20%**	**107**	**133.0**	**1,596**
NGrid Gas	**22%**	**118**	**148.4**	**1,781**
New England Gas	**2%**	**11**	**12.3**	**148**
NSTAR Electric	**24%**	**129**	**168.6**	**2,023**
NSTAR Gas	**14%**	**75**	**98.0**	**1,176**
Unitil Electric **	**1%**	**5**	**2.8**	**33**
Unitil Gas **	**1%**	**5**	**4.6**	**55**
WMECO	**4%**	**21**	**28.0**	**336**
Total	**100%**	**536**	**674.9**	**8,099**

*** Please refer to Attachment C.*

EXEMPLARY

The full, comprehensive status report for the Multi-Family Building Inventory can be found in Attachment A including a comparison section between the 2010, 2011 and 2012 inventory reports. Attachment B provides the supporting documentation for the 2012 benchmarked accounts for each utility. Below are some of the high level findings.

Summary and Findings

In summary, 8,099 accounts were inventoried and ranked as part of the 2012 efforts. The median was used to develop the four quartiles as defined by WegoWise for the inventoried accounts. The mean of inventoried accounts fell into one of the four quartiles below.

- "Energy Efficient" – defined as buildings in the top quartile of performance;
- "Better than Median" – represents the second quartile of performance;
- "Worse than Median" – details the third quartile of performance; and
- "Poor" – represents the fourth quartile.

The calculated benchmarks can be used to approximately assess a building's performance relative to other affordable housing buildings in Massachusetts based on where its energy use falls within this classification scheme. Accounts that fall into the "Worse" and "Poor" categories likely have particularly attractive payback energy efficiency opportunities. The following means were calculated by WegoWise based on the results of the 2012 benchmarking effort relative to usage per square foot:

Usage Type	Mean/Average	Quartile	EE Classification
Gas	0.73 Therms/sq ft	3	Worse than Median
Electric Common Areas	5.73 kWh/sq ft	3	Worse than Median
Electric Whole Building	4.77 kWh/sq ft	3	Worse than Median
Electrically Heated Building	12.09 kWh/sq ft	2	Better than Median

- For gas accounts, energy efficient is defined as accounts in the top quartile of performance or less than 0.53 therms per sq ft. Based on the 2012 inventory of 3,829 gas accounts, 937 accounts qualify as "Worse than Median" and 931 accounts qualify as "Poor". With 49% of inventories accounts falling in the bottom two quartiles, this demonstrates that there are significant energy conservation opportunities still available.

- For electric common area accounts, energy efficient is defined as accounts in the top quartile of performance or less than 2.27 kWh per sq ft. Based on the 2012 inventory of 519 electric common area accounts, 131 accounts qualify as "Worse than Median" while 128 accounts qualify as "Poor". Therefore, half (50%) of the inventoried accounts fall in the bottom quartiles which indicates that there is a great opportunity to improve the energy efficiency within the common areas of the buildings inventoried.

- For electric whole building accounts (including buildings with gas heat and gas hot water only), energy efficient is defined as accounts in the top quartile of performance or less than 3.43 kWh per sq ft. Based on the 2012 inventory of 2,961 electric whole building accounts, 735 accounts qualify as "Worse than Median" and 740 accounts qualify as "Poor". 50% of the inventoried accounts fall within the lower quartiles and demonstrate significant energy reduction opportunities.

- For electrically heated accounts (including buildings with electric heat and electric hot water only), energy efficient is defined as accounts in the top quartile of performance or less than 10.19 kWh per sq ft. Based on the 2012 inventory of 283 electrically heated building accounts, 43 accounts qualify as "Worse than Median" and 70 accounts qualify as "Poor". With 40% of the inventoried accounts falling within the bottom two quartiles, there are not as many energy conservation opportunities as with the other types of energy use that was benchmarked.

In short, the inventory of accounts that were benchmarked in 2012 reinforces the need and demand for energy efficiency within low-income multi-family buildings in MA.

PAs in conjunction with LEAN and Low Income Multi-family vendors continue to review the details of the inventory and target customers that appear in the third and fourth quartiles ("worse than average" and "poor" respectively) first. These buildings show the greatest opportunity for energy savings and further exemplify a strong pool of candidates likely to be ripe for cost-effective energy efficiency.

The 2012 benchmarked inventory shows that there is good, strong market potential for the Low Income Multi-family sector to explore within the next three year plan 2013-2015. The inventory provides each PA with detailed information as to which classification of customers may be more advantageous to target relative to their savings potential and needs within their respective territories.

Further, the report provides potential significant savings that can be achieved by each PA by addressing buildings that fall into the "poor" energy efficiency classification and bringing them to the Energy Efficient quartile, the highest level of efficiency. If PAs were able to bring the 2,138 poorly performing buildings noted in the report to the energy efficiency level there is potential to save more than 2.8 million Therms and over 48 million kWh!

CLEAR AND DISTINCT ROLE

Berkshire Gas

- Provided gas usage to WegoWise as needed for each building within our territory that is maintained for this metric.
- Reviewed inventory reports to ensure accuracy of the data
- Participated in meetings, conference calls, and email communications with WegoWise and PA's throughout 2012
- Reviewed and provided input into metric documentation

Columbia Gas

- Worked with WegoWise to finalize the statistical analysis of the potential of savings from addressing the poor performing accounts
- Provided gas usage to WegoWise as needed for each building within our territory that is maintained for this metric.
- Reviewed inventory reports to ensure accuracy of the data
- Reviewed inventory reports to ensure that our targets of the metric were being met
- Participated in meetings, conference calls, and email communications with WegoWise and PA's throughout 2012
- Reviewed and provided input into metric documentation

New England Gas

- Provided gas usage to WegoWise as needed for each building within our territory that is maintained for this metric.
- Reviewed inventory reports to ensure accuracy of the data
- Participated in meetings, conference calls, and email communications with WegoWise and PA's throughout 2012
- Reviewed and provided input into metric documentation

NSTAR

- Took the PA lead role to compile metric documentation including comments, direction, and edits from other PA's
- Compiled the backup data of the complete list of benchmarked accounts found in Attachment B
- Worked with WegoWise to finalize the statistical analysis of the potential of savings from addressing the poor performing accounts
- Provided electric and gas usage to WegoWise as needed for each building within our territory that is maintained for this metric.
- Reviewed inventory reports to ensure accuracy of the data
- Reviewed inventory reports to ensure that our targets of the metric were being met
- Participated in meetings, conference calls, and email communications with WegoWise and PA's throughout 2012
- Reviewed and provided input into metric documentation

National Grid

- Provided electric and gas usage to WegoWise as needed for each building within our territory that is maintained for this metric.
- Reviewed inventory reports to ensure accuracy of the data
- Reviewed inventory reports to ensure that our targets of the metric were being met
- Participated in meetings, conference calls, and email communications with WegoWise and PA's throughout 2012
- Reviewed and provided input into metric documentation

Unitil

- Provided electric and gas usage to WegoWise as needed for each building within our territory that is maintained for this metric.
- Reviewed inventory reports to ensure accuracy of the data
- Reviewed inventory reports to ensure that our targets of the metric were being met
- Participated in meetings, conference calls, and email communications with WegoWise and PA's throughout 2012
- Reviewed and provided input into metric documentation

WMECO

- Provided electric usage to WegoWise as needed for each building within our territory that is maintained for this metric.
- Reviewed inventory reports to ensure accuracy of the data
- Reviewed inventory reports to ensure that our targets of the metric were being met
- Participated in meetings, conference calls, and email communications with WegoWise and PA's throughout 2012
- Reviewed and provided input into metric documentation

Attachment A

Massachusetts Affordable Housing Energy Benchmarking

2012 Final Report

Prepared by WegoWise, Inc. for the Low Income Energy Affordability Network (LEAN)

12/14/2012

wegowise

This report was prepared by WegoWise, Inc. It is based on analysis of the third phase of data collection for the LEAN multi-family benchmarking program from January 2012 to December 2012. The data, analysis and recommendations are subject to change as the implementation of this program progresses. This report should therefore be understood to be an analysis of a partial sample of the larger scope of the project.

Please contact WegoWise with any questions or comments:

617-367-9346 x204

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PROJECT DESCRIPTION

The goal of this project is to create a comprehensive inventory of low-income multi-family buildings in the state of Massachusetts with the ultimate objective of establishing energy benchmarks based on aggregated usage data of these buildings over three years. This project supports the development of an energy efficiency standard and in turn an understanding of the extent of achievable energy savings in low-income multi-family buildings.

One full year of usage data was gathered for each building as well as key building characteristics including whole building square footage, common area square footage, heating fuel and hot water fuel. An individual metric for each building was calculated using these numbers and added to the database. This document serves as a status report summarizing the data gathered from January 2012 to December 2012 and outlines general recommendations based on the analysis of this data.

SUMMARY OF RELEVANT FINDINGS

Based on a quartile analysis of the data gathered from January 2012 through December 2012, the following energy benchmarks were calculated.

Gas Usage *(Therms/Conditioned SF)*	**Energy Efficiency Classification**
< .53	Energy Efficient
.53 - .70	Better Than Median
.71 - .89	Worse Than Median
> .89	Poor

Whole Building Electricity Usage *(kWh/Total SF)*	**Energy Efficiency Classification**
< 3.43	Energy Efficient
3.43 – 4.70	Better Than Median
4.71 – 5.80	Worse Than Median
> 5.80	Poor
Common Area Electricity Usage *(kWh/Common Area SF)*	**Energy Efficiency Classification**
< 2.27	Energy Efficient
2.27 – 4.65	Better Than Median
4.66– 7.89	Worse Than Median
> 7.89	Poor
Electrically Heated *(kWh/Total SF)*	**Energy Efficiency Classification**
< 10.19	Energy Efficient
10.19 – 12.53	Better Than Median
12.54 – 13.24	Worse Than Median
> 13.24	Poor

"Energy Efficient" is defined as buildings in the top quartile of performance; "Better Than Median" represents the second quartile, "Worse Than Median" the third, and "Poor" the fourth.

These calculated benchmarks can be used to approximately assess a building's performance relative to other affordable housing buildings in Massachusetts based on where its energy use falls in this classification scheme. Buildings that fall into the "Worse Than Median" and "Poor" categories likely have particularly high payback energy conservation opportunities.

The gas usage benchmark includes buildings that utilize gas for both space heating and domestic hot water. Buildings that use gas for only domestic hot water production were excluded from this benchmark to provide a more meaningful and uniform comparison.

The electric benchmark captures a range of types of electricity usage. The electric usage collected for a building for the purpose of this inventory may include interior lighting (unit lighting, corridor lighting), exterior lighting, general building plug loads, electrically-run equipment and central air conditioning electricity usage. Buildings that utilize electricity for heating were excluded from the whole building electricity usage and common area electricity usage benchmarks to provide a more meaningful comparison between non-electrically heated buildings. A separate electric benchmark was developed for electrically heated buildings to provide a comparison across those buildings that have substantially higher electricity usage due to their heating demand.

POTENTIAL ENERGY REDUCTION OPPORTUNTIES

The buildings that fall into the 'poor' energy efficiency classification present the most substantial opportunity for improvements in energy use. If efforts were put into bringing these very poorly performing buildings to the median level of efficiency, the energy savings would be significant. Detailed below are our estimates of the potential energy savings for these buildings in the 2012 dataset. These estimates were determined for each building by calculating the difference between current whole building usage and the potential usage if that building were upgraded to perform at the median per square foot benchmark.

Energy savings from electrically heated buildings:

Utility Company	Energy Savings in kWh	# of Buildings
National Grid	1,276,211	38
Nstar	2,514,787	33
Unitil[1]	N/A	N/A
WMECO	144,089	7

Energy savings from buildings with whole building electric usage:

Utility Company	Energy Savings in kWh	# of Buildings
National Grid	8,070,714	231
Nstar	11,654,773	577
Unitil	8,766	8
WMECO	1,388,254	8

[1] There were no electrically heated buildings in Unitil service territory in the 2012 data.

Energy savings from buildings that utilize gas for heat and domestic hot water production:

Utility Company	Energy Savings in Therms	# of Buildings
Berkshire Gas	21,380	17
Columbia	58,870	72
NE Gas	17,584	53
National Grid	1,090,474	594
NStar	337,631	355
Unitil	5,685	10

COMPARISON BETWEEN 2010, 2011 AND 2012 FINDINGS

GAS DATA

Below we compare the medians from our 2010 dataset (which consisted of 853 data points), our 2011 dataset (6,324 data points) and our 2012 dataset (8,099 data points).

2010 Gas Usage Median *(Therms/Conditioned SF)*	**2011 Gas Usage Median** *(Therms/Conditioned SF)*	**2012 Gas Usage Median** *(Therms/Conditioned SF)*
.75	.86	.70

Weather Normalized Median

2010 Gas Usage Median *(btu/HDD/Conditioned SF)*[2]	**2011 Gas Usage Median** *(btu/HDD/Conditioned SF)*	**2012 Gas Usage Median** *(btu/HDD/Conditioned SF)*
12.97	14.21	14.26

The median gas usage observed in 2012 is 19% lower than 2011. The difference from 2011 to 2012 can be largely attributed to last year's mild winter. In order to address the temperature difference between the two years, we normalized the 2011 and 2012 metrics for weather[3] and found that they were essentially equivalent (.2% difference). We also weather normalized the 2010 data and compared it to the 2011 and 2012 metrics. The weather normalized 2010 data was approximately 8.8% different than the 2011 and 2012 metrics. As noted in the 2011 Final Report, the 2010 dataset included a much smaller portion of public housing, which we feel contributed to a lower median for that year. Additionally, the 2010 data set was significantly smaller than that of 2011 and 2012 and therefore less statistically significant.

[2] We opted to list the weather-normalized median in BTUs because that is the commonly used metric when normalizing by heating degree-days.

[3] To normalize for weather, we summed the number of Heating Degree Days for the year proceeding the date the benchmark was submitted.

ELECTRIC DATA

Below are the medians for electric usage from our 2010 dataset (469 data points), our 2011 dataset (3,144 data points) and our 2012 dataset (3,988 data points), separated according to coverage (common area or whole building) and end use.

2010 Whole Building Electricity Usage Median *(kWh/Total SF)*	**2011 Whole Building Electricity Usage Median** *(kWh/Total SF)*	**2012 Whole Building Electricity Usage Median** *(kWh/Total SF)*
8.77	6.42	4.70
2010 Common Area Electricity Usage Median *(kWh/Common Area SF)*	**2011 Common Area Electricity Usage Median** *(kWh/Common Area SF)*	**2012 Common Area Electricity Usage Median** *(kWh/Common Area SF)*
3.83	2.94	4.65
2010 Electrically Heated Usage Median *(kWh/Total SF)*	**2011 Electrically Heated Usage Median** *(kWh/Total SF)*	**2012 Electrically Heated Usage Median** *(kWh/Total SF)*
N/A	15.11	12.53

The 2012 electric medians for whole building electric and electrically heated usage decreased from the 2011 medians. The difference in the electrically heated median can be partially attributed to weather; applying the same techniques used in the gas analysis reduces the percentage change from 17% to 11%. Given that the whole building and common area metric excludes properties with electric heating systems, we did not feel it was accurate to normalize these figures for weather.

The common area electric median did not follow the same trend and increased from 2011 to 2012. This fluctuation can largely be attributed to the nature of this benchmark, which captures all owner-paid utility accounts in properties with individually metered (tenant-paid) utilities. In some cases the scope of the owner-paid account is limited to the physical common area space in the building, but it can also involve site lighting, a common area laundry facility or a community room if these areas are rolled into the same account. Unfortunately at this time we are unable to separate for these types of end use.

CHALLENGES AND PROGRAM RECOMMENDATIONS

CHALLENGES

- At this stage in the program, our primary outreach tool is a cold-call to key personnel at target organizations. Given the brevity and lack of context inherent in cold-calling, there are two issues with this approach. First, the LEAN program is a complex undertaking; its scope and mission are difficult to adequately summarize in a brief phone introduction (or, more commonly, a voicemail). The second, and perhaps more important, issue is lack of personal connection. Property owners who do agree to participate are often slow to engage if they are not previously familiar with the LEAN program. We have found success in property owners that have heard of the LEAN program through promotional programs, even if they have not actively pursued funding.

- We continue to struggle with both the timeliness and quality of the utility and building information provided by participating housing organizations. It often takes six months of exchanges between our office and a property manager to benchmark a development. This process takes up more of the organization's time than necessary and creates an unpredictable, unreliable schedule for our team.

  In 2012, we tried to lighten the burden on the organization in hopes of achieving better and faster responses. We did this through two means: visiting the organization to help the owner sort through bills and building information, and by pre-populating building information spreadsheets with information from tax assessor databases and delivering them back to the owner. Despite these advances, we are still restricted by the property owner's response time and have been unable to benchmark a number of buildings for this reason.

- In 2010 and 2011, if we encountered a housing organization that did not wish to participate in the inventory, we moved on to other property owners and met our quotas through different portfolios. One of the challenges that emerged in the last quarter of 2012 was that we had already contacted most large property owners and had either fully benchmarked their portfolio, or had heard back that they were not interested in participating. In order to maintain our benchmarking pace in 2013, we must cycle back to these larger, disinterested property owners and convince them of our value. We will also need to work with owners of smaller portfolios, which yield fewer buildings for equivalent outreach efforts.

RECOMMENDATIONS

- Developing new outreach methods will allow our team to maintain our current benchmarking pace and complete the inventory's scope. The following methods will allow us to better and more efficiently connect with new, smaller housing organizations and to benchmark the portfolios of reluctant, larger property owners:
  - WegoWise should establish partnerships with member organizations such as MACDC and Mass Housing and ask these groups to relay our services on to their constituents. The Department of Housing and Community Development has provided support of this kind, and it has been integral to our success in benchmarking the public sector of affordable housing.
  - In a similar vein, WegoWise should leverage its existing customer base in outreach efforts to new organizations; many Massachusetts housing owners are familiar with one another, and a positive referral of our services from a current user would carry a lot of weight.

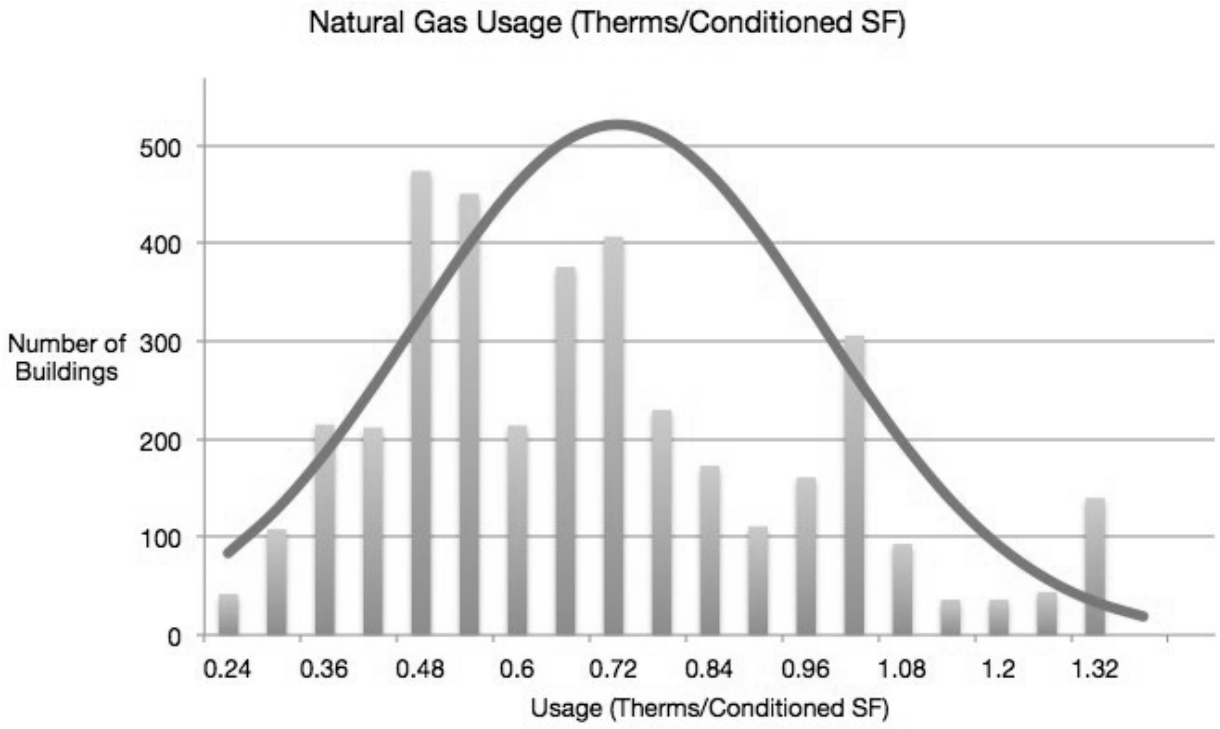
- In the case where an organization is unresponsive or not interested in participating in the inventory, it would be very helpful if the utility provider contacted the organization and encouraged them to participate. We believe a call of this kind would further legitimize the program, and help communicate its importance.

- WegoWise could develop a more persuasive pitch by tying the LEAN MF Benchmarking Inventory to other Massachusetts-based energy efficiency programs, such as the LEAN Funding Program and the Massachusetts Green Retrofit Initiative. Packaging the Inventory as a part of a comprehensive energy plan will increase interest and improve response time among eligible organizations. We could also collaborate with these programs in our outreach efforts.

ANALYSIS BY UTILITY TYPE

GAS USAGE DATA AND ANALYSIS

Aggregated Gas Benchmark 2012 Statistics *(Therms/Conditioned SF)*	
Mean	0.73
Median	0.70
Standard Deviation	0.25
Minimum	0.27
Maximum	1.34
Reported Benchmarks*	4111

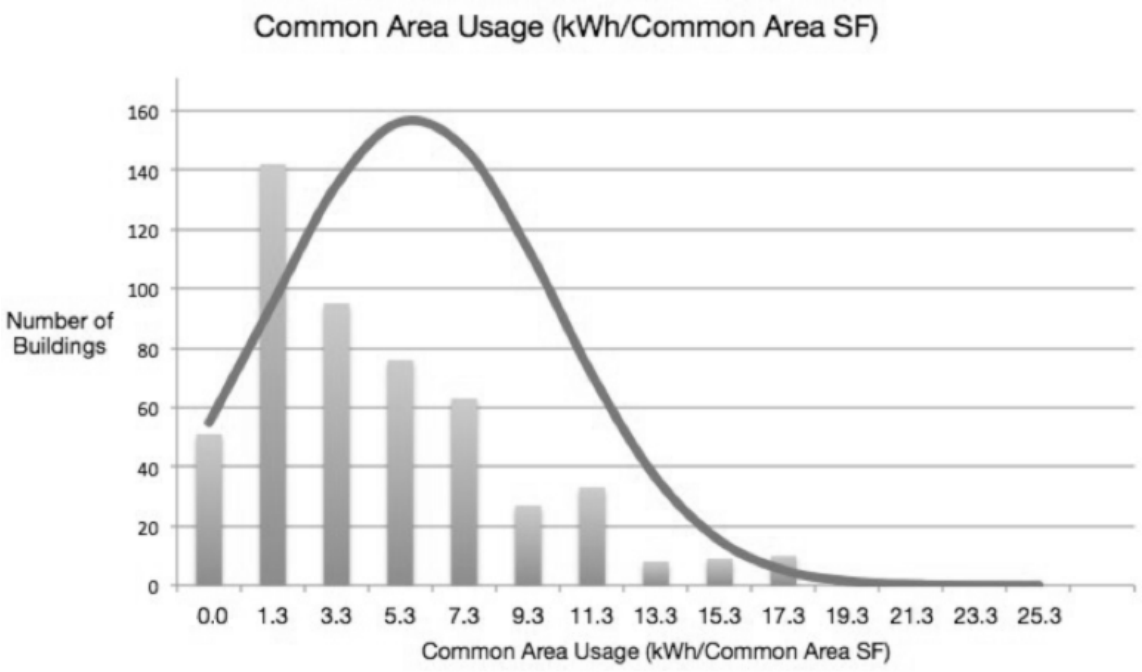


ELECTRICITY USAGE DATA AND ANALYSIS

The total reported electric usage benchmarks for the year (aggregated over all buildings, including whole building usage, common area usage and electrically heated buildings) is 3,988. The inventory does not include individual quotas for each type of electric usage.

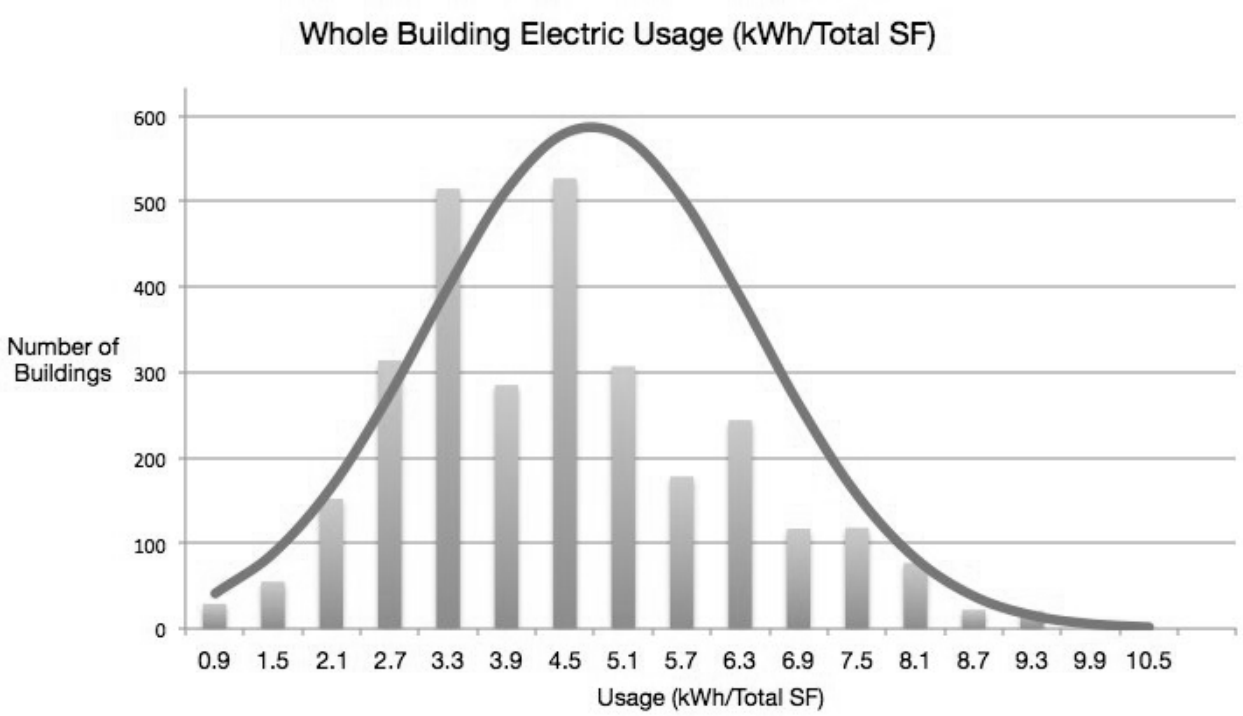
Common Area Usage:

Aggregated Electric Common Area Benchmark 2012 Statistics *(kWh/Common Area SF)*	
Mean	5.73
Median	4.65
Standard Deviation	4.43
Minimum	0.32
Maximum	23.49
Reported Benchmarks*	576



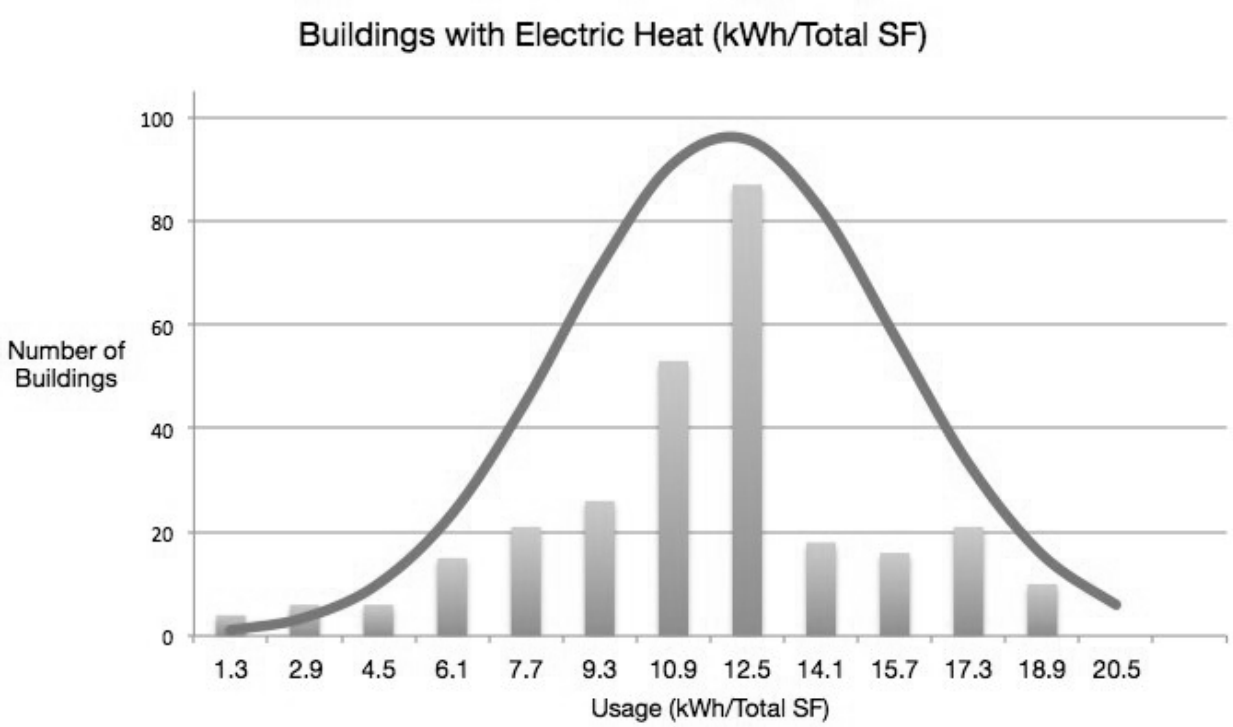
Whole Building Usage:

Aggregated Electric Whole Building Benchmark 2012 Statistics *(kWh/Total SF)*	
Mean	4.77
Median	4.70
Standard Deviation	1.68
Minimum	1.25
Maximum	9.67
Reported Benchmarks*	3417



Electrically Heated Building Usage:

Aggregated Electrically Heated Building Benchmark 2012 Statistics *(kWh/Total SF)*	
Mean	12.09
Median	12.53
Standard Deviation	3.57
Minimum	2.15
Maximum	19.03
Reported Benchmarks*	300



ANALYSIS BY UTILITY COMPANY

NATIONAL GRID GAS

National Grid Gas Benchmark 2012 Statistics *(Therms/Conditioned SF)*	
Mean	0.74
Median	0.67
Standard Deviation	0.25
Minimum	0.27
Maximum	1.34
Reported Benchmarks*	1781

NSTAR GAS

NStar Gas Benchmark 2012 Statistics *(Therms/Conditioned SF)*	
Mean	0.77
Median	0.78
Standard Deviation	0.29
Minimum	0.27
Maximum	1.34
Reported Benchmarks*	1176

COLUMBIA GAS

Columbia Gas Benchmark 2012 Statistics *(Therms/Conditioned SF)*	
Mean	0.63
Median	0.68
Standard Deviation	0.19
Minimum	0.27
Maximum	1.27
Reported Benchmarks*	792

BERKSHIRE GAS

Berkshire Gas Benchmark 2012 Statistics *(Therms/Conditioned SF)*	
Mean	0.59
Median	0.53
Standard Deviation	0.19
Minimum	0.34
Maximum	1.04
Reported Benchmarks*	159

NEW ENGLAND GAS

New England Gas Benchmark 2012 Statistics *(Therms/Conditioned SF)*	
Mean	0.84
Median	0.79
Standard Deviation	0.18
Minimum	0.33
Maximum	1.29
Reported Benchmarks*	148

UNITIL GAS

Unitil Gas Benchmark 2012 Statistics *(Therms/Conditioned SF)*	
Mean	0.71
Median	0.68
Standard Deviation	0.27
Minimum	0.33
Maximum	1.28
Reported Benchmarks*	55

NATIONAL GRID ELECTRIC

The total reported benchmarks for National Grid electric usage benchmarks is 1,596.

Common Area Usage:

National Grid Electric Common Area Benchmark 2012 Statistics *(kWh/Common Area SF)*	
Mean	6.97
Median	6.08
Standard Deviation	5.02
Minimum	0.48
Maximum	23.49

Whole Building Usage:

National Grid Electric Whole Building Benchmark 2012 Statistics *(kWh/Total SF)*	
Mean	4.62
Median	4.66
Standard Deviation	1.57
Minimum	1.25
Maximum	9.62

Electric Heat:

National Grid Electrically Heated Buildings Benchmark 2012 Statistics *(kWh/Total SF)*	
Mean	11.28
Median	11.75
Standard Deviation	3.72
Minimum	2.15
Maximum	19.03

NSTAR ELECTRIC

The total reported benchmarks for Nstar electric usage benchmarks is 2,023.

Common Area Usage:

NStar Electric Common Area Benchmark 2012 Statistics *(kWh/Common Area SF)*	
Mean	5.31
Median	4.39
Standard Deviation	3.83
Minimum	0.40
Maximum	22.82

Whole Building Usage:

NStar Electric Whole Building Benchmark 2012 Statistics *(kWh/Total SF)*	
Mean	5.09
Median	4.90
Standard Deviation	1.74
Minimum	1.27
Maximum	9.67

Electrically Heated:

NStar Electric Whole Building Benchmark 2012 Statistics *(kWh/Total SF)*	
Mean	13.33
Median	12.53
Standard Deviation	2.98
Minimum	3.26
Maximum	17.57

WMECO

The total reported benchmarks for WMECO electric usage benchmarks is 336.

Common Area Usage:

WMECO Common Area Electric Benchmark 2012 Statistics *(kWh/Common Area SF)*	
Mean	4.41
Median	2.40
Standard Deviation	4.73
Minimum	0.32
Maximum	20.62

Whole Building Usage:

WMECO Electric Whole Building Benchmark 2012 Statistics *(kWh/Total SF)*	
Mean	3.54
Median	3.34
Standard Deviation	1.02
Minimum	1.43
Maximum	9.52

Electrically Heated:

WMECO Electric Heated Building Benchmark 2012 Statistics *(kWh/Total SF)*	
Mean	12.14
Median	11.88
Standard Deviation	3.44
Minimum	2.16
Maximum	17.17

UNITIL ELECTRIC

The total reported benchmarks for Unitil electric usage benchmarks is 33.

Common Area Usage:

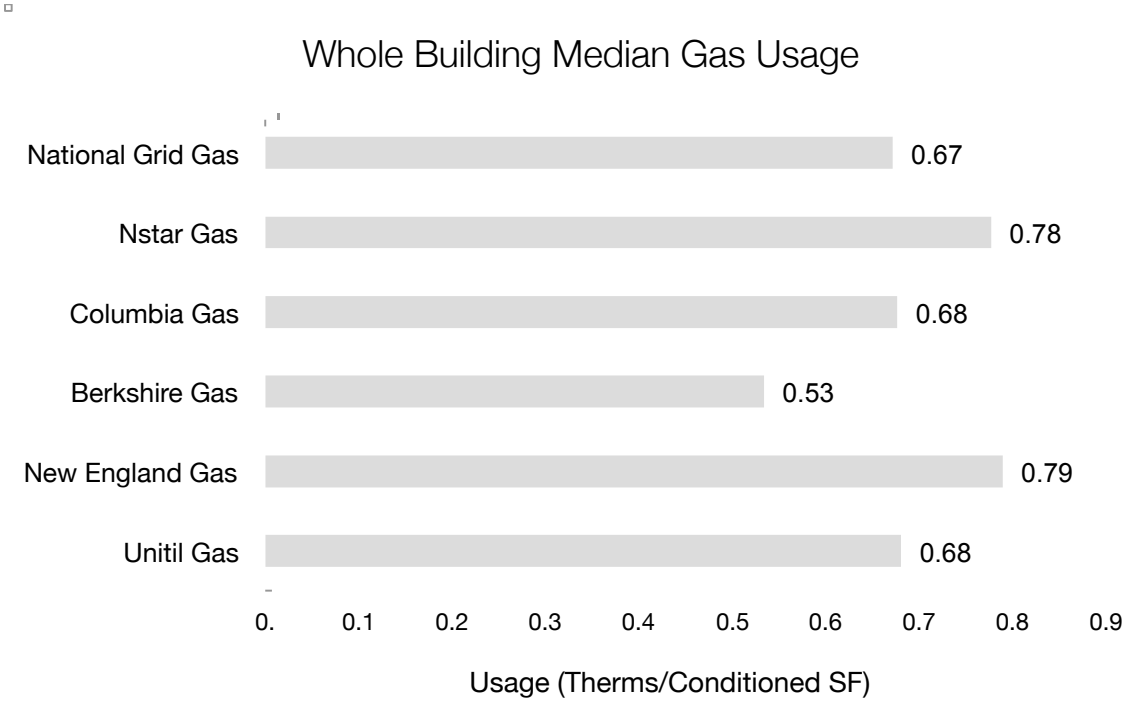
Unitil Common Area Electric Benchmark 2012 Statistics *(kWh/Common Area SF)*	
Mean	N/A
Median	N/A
Standard Deviation	N/A
Minimum	N/A
Maximum	N/A

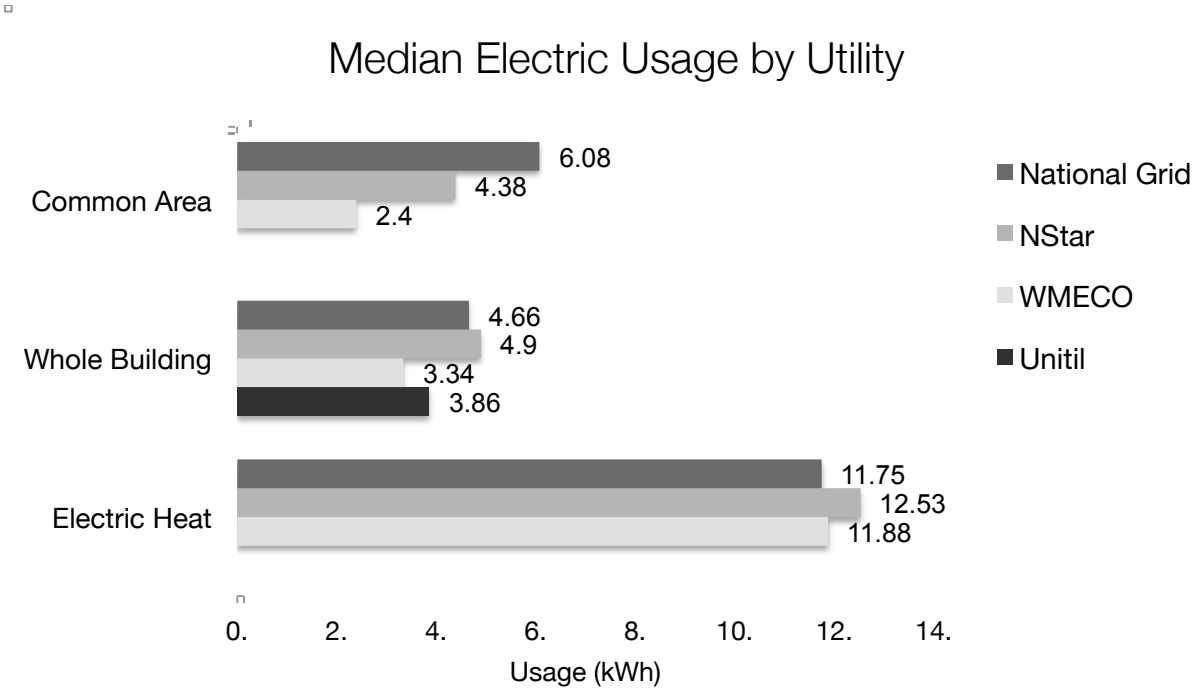
Whole Building Usage:

Unitil Electric Whole Building Benchmark 2012 Statistics *(kWh/Total SF)*	
Mean	3.95
Median	3.86
Standard Deviation	1.29
Minimum	1.29
Maximum	6.67

Electrically Heated:

Unitil Electric Heated Building Benchmark 2012 Statistics *(kWh/Total SF)*	
Mean	N/A
Median	N/A
Standard Deviation	N/A
Minimum	N/A
Maximum	N/A


Whole Building Median Gas Usage
National Grid Gas
0.67
Nstar Gas
0.78
Columbia Gas
0.68
Berkshire Gas
0.53
New England Gas
0.79
Unitil Gas
0.68
0.
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
Usage (Therms/Conditioned SF)



** Based on research into statistical best practices, we elected to trim 5% of the data points to eliminate outliers and provide a meaningful statistical analysis. Additionally when calculating the gas benchmarks we eliminated a small number of buildings that did not utilize gas for both space heating and domestic hot water production to ensure a uniform comparison.*

Attachment B

2012 Metric 2
Multi Family Building Inventory Summary

	GOAL		ACTUAL	
Program Administrator	% Allocation	Acct Reports/ Month	2012 Year Total	Mthly Average Accounts
Berkshire Gas	2%	11	159	13.3
Columbia Gas	10%	54	792	66.0
NGrid Electric	20%	107	1,596	133.0
NGrid Gas	22%	118	1,781	148.4
New England Gas	2%	11	148	12.3
NSTAR Electric	24%	129	2,023	168.6
NSTAR Gas	14%	75	1,176	98.0
Unitil Electric	1%	5	33	2.8
Unitil Gas	1%	5	55	4.6
WMECO	4%	21	336	28.0
Total	100%	536	8,099	674.9

	Gas Usage		Whole Building Elec Usage		Common Area Elec Usage		Electrically Heated	
Category	Therms/ Sq Ft	# of Accts	kWh/ Sq Ft	# of Accounts	kWh/ Sq Ft	# of Accounts	kWh/ Sq Ft	# of Accounts
Energy Efficienct	< 0.53	839	< 3.43	735	< 2.27	130	< 10.19	66
Better than Median	0.53 - 0.70	1,122	3.43 - 4.70	751	2.27 - 4.65	130	10.19 - 12.53	104
Worse than Median	0.71 - 0.89	937	4.71 - 5.80	735	4.66 - 7.89	131	12.54 - 13.24	43
Poor	> 0.89	931	> 5.80	740	> 7.89	128	> 13.24	70
Total		3,829		2,961		519		283
Bottom 2 Quartiles:		1,868		1,475		259		113
% of Accts in Bottom 2 Quartiles:		49%		50%		50%		40%

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1	Jan	6415	Elm Terrace 1 and 2	20-21 Elm Terrace	Greenfield	8	Berkshire Gas	4984	4984	1464	12947	645	0.13	Electric	Electric
2	Jan	6417	Elm Terrace 1 and 3	22-23 Elm Terrace	Greenfield	8	Berkshire Gas	4984	4984	1464	19206	957	0.19	Electric	Electric
3	Jan	6413	Elm Terrace 1 and 4	18-19 ELM TERRACE	Greenfield	8	Berkshire Gas	4984	4984	1464	22351	1114	0.22	Electric	Electric
4	Jan	6441A	Oak Courts	21 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	55161	760	0.55	Gas	Gas
5	Jan	6431A	Oak Courts	49 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	58515	806	0.59	Gas	Gas
6	Jan	6434A	Oak Courts	61 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	50523	696	0.51	Gas	Gas
7	Jan	6435A	Oak Courts	65 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	49456	681	0.49	Gas	Gas
8	Jan	6436A	Oak Courts	69 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	61738	851	0.62	Gas	Gas
9	Jan	4385	Pomeroy Manor	EAST DEMING STREET - 2	Dalton	8	Berkshire Gas	4186	4186	586	12520	524	0.13	Electric	Electric
10	Jan	4387	Pomeroy Manor	EAST DEMING STREET - 3	Dalton	8	Berkshire Gas	4186	4186	586	22140	927	0.22	Electric	Electric
11	Jan	4375	Spring Park	45 Spring Street	North Adams	53	Berkshire Gas	42417	42417	11298	9715	4121	0.10	Electric	Gas
12	Feb	6460	Briar Way	195 Briar Way	Greenfield	1	Berkshire Gas	1280	1280	0	36542	468	0.37	Electric	Electric
13	Feb	6418	Elm Terrace 1 and 5	24-25 Elm Terrace	Greenfield	8	Berkshire Gas	4984	4984	1464	26843	1338	0.27	Electric	Electric
14	Feb	6442A	Oak Courts	25 Oak Courts	Greenfield	1	Berkshire Gas	1200	1200	0	50875	611	0.51	Gas	Gas
15	Feb	6430A	Oak Courts	45 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	40418	557	0.40	Gas	Gas
16	Feb	6432A	Oak Courts	53 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	47038	648	0.47	Gas	Gas
17	Feb	6433A	Oak Courts	57 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	52983	730	0.53	Gas	Gas
18	Feb	6438A	Oak Courts	9 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	42443	585	0.42	Gas	Gas
19	Feb	4384	Pomeroy Manor	EAST DEMING STREET - 1	Dalton	4	Berkshire Gas	2106	2106	306	28468	600	0.28	Electric	Electric
20	Feb	4389	Pomeroy Manor	EAST DEMING STREET - 4	Dalton	6	Berkshire Gas	3146	3146	446	23987	755	0.24	Electric	Electric
21	Feb	4386	Pomeroy Manor	EAST DEMING STREET - 5	Dalton	8	Berkshire Gas	4186	4186	586	32305	1352	0.32	Electric	Electric
22	Feb	4388	Pomeroy Manor	EAST DEMING STREET - 6	Dalton	6	Berkshire Gas	3146	3146	446	34217	1076	0.34	Electric	Electric
23	Mar	6446	Conway-Wells	113 Conway St	Greenfield	2	Berkshire Gas	1586	1586	0	68135	1081	0.68	Gas	Gas
24	Mar	7668	Hatfield Housing	Community Building	Hatfield	1	Berkshire Gas	1680	1680	1679	62215	1045	0.62	Gas	Gas
25	Mar	6443A	Oak Courts	33 Oak Cts	Greenfield	1	Berkshire Gas	1200	1200	0	66903	803	0.67	Gas	Gas
26	Mar	6443C	Oak Courts	35 Oak Cts	Greenfield	1	Berkshire Gas	800	800	0	66903	535	0.67	Gas	Gas
27	Mar	6443E	Oak Courts	37 Oak Cts	Greenfield	1	Berkshire Gas	800	800	0	66903	535	0.67	Gas	Gas
28	Mar	6443F	Oak Courts	38 Oak Cts	Greenfield	1	Berkshire Gas	800	800	0	66903	535	0.67	Gas	Gas
29	Mar	6443G	Oak Courts	39 Oak Cts	Greenfield	1	Berkshire Gas	800	800	0	66903	535	0.67	Gas	Gas
30	Mar	6443H	Oak Courts	40 Oak Cts	Greenfield	1	Berkshire Gas	1200	1200	0	66903	803	0.67	Gas	Gas
31	Mar	6400	Olympia Drive	5-7 OLYMPIA DRIVE	Amherst	2	Berkshire Gas	4430	2540	1890	39300	998	0.39	Gas	Gas
32	Mar	6492	Scattered Site	27-29 SPRUCE ST	Greenfield	2	Berkshire Gas	1586	1586	0	77578	1230	0.78	Gas	Gas
33	Mar	6491	Scattered Site	74-76 Phillips St	Greenfield	2	Berkshire Gas	2784	2784	0	49731	1385	0.50	Gas	Gas
34	Apr	7667	Hatfield Housing	2 School Street	Hatfield	44	Berkshire Gas	23348	23348	0	12475	2913	0.12	Electric	Gas
35	Apr	6429A	Oak Courts	1 Oak Courts	Greenfield	1	Berkshire Gas	2066	1378	689	55945	771	0.56	Gas	Gas
36	Apr	6439A	Oak Courts	13 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	74260	1023	0.74	Gas	Gas
37	Apr	6439B	Oak Courts	14 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	74260	682	0.74	Gas	Gas
38	Apr	6439C	Oak Courts	15 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	74260	682	0.74	Gas	Gas
39	Apr	6439D	Oak Courts	16 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	74260	1023	0.74	Gas	Gas
40	Apr	6429B	Oak Courts	2 Oak Courts	Greenfield	1	Berkshire Gas	1378	918	459	55945	514	0.56	Gas	Gas
41	Apr	6429C	Oak Courts	3 Oak Courts	Greenfield	1	Berkshire Gas	1378	918	459	55945	514	0.56	Gas	Gas
42	Apr	6429D	Oak Courts	4 Oak Courts	Greenfield	1	Berkshire Gas	2066	1378	689	55945	771	0.56	Gas	Gas
43	Apr	6437B	Oak Courts	6 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	83558	767	0.84	Gas	Gas
44	Apr	6437C	Oak Courts	7 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	83558	767	0.84	Gas	Gas
45	May	9441	Greylock Valley Apartments	1-9 Isbell St	North Adams	5	Berkshire Gas	4896	4896	0	103801	5082	1.04	Gas	Gas
46	May	9490	Greylock Valley Apartments	103 -113 Sullivan St	North Adams	6	Berkshire Gas	4044	4044	0	103801	4198	1.04	Gas	Gas
47	May	9491	Greylock Valley Apartments	119-125 Sullivan St	North Adams	4	Berkshire Gas	4368	4368	0	103801	4534	1.04	Gas	Gas
48	May	9498	Greylock Valley Apartments	161- 165 Greylock Ave	North Adams	4	Berkshire Gas	4656	4656	0	103801	4833	1.04	Gas	Gas
49	May	9436	Greylock Valley Apartments	17-23 Angeli St	North Adams	4	Berkshire Gas	4368	4368	0	103801	4534	1.04	Gas	Gas
50	May	9499	Greylock Valley Apartments	172-178 Greylock Ave	North Adams	4	Berkshire Gas	4368	4368	0	103801	4534	1.04	Gas	Gas
51	May	9493	Greylock Valley Apartments	173-179 Greylock Ave	North Adams	4	Berkshire Gas	4656	4656	0	103801	4833	1.04	Gas	Gas
52	May	9492	Greylock Valley Apartments	185-195 Greylock Ave	North Adams	6	Berkshire Gas	4044	4044	0	103801	4198	1.04	Gas	Gas
53	May	9444	Greylock Valley Apartments	20-26 Isbell St	North Adams	4	Berkshire Gas	4368	4368	0	103801	4534	1.04	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
54	May	9438	Greylock Valley Apartments	20-30 Sutton St	North Adams	6	Berkshire Gas	4044	4044	0	103801	4198	1.04	Gas	Gas
55	May	9443	Greylock Valley Apartments	25-35 Isbell St	North Adams	6	Berkshire Gas	4044	4044	0	103801	4198	1.04	Gas	Gas
56	Jun	7710	Holy Family Terrace	611 State Road	North Adams	39	Berkshire Gas	29974	29974	9950	56566	16955	0.57	Gas	Gas
57	Jun	6440A	Oak Courts	17 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	55444	764	0.55	Gas	Gas
58	Jun	6440B	Oak Courts	18 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	55444	509	0.55	Gas	Gas
59	Jun	6440C	Oak Courts	19 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	55444	509	0.55	Gas	Gas
60	Jun	6440D	Oak Courts	20 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	55444	764	0.55	Gas	Gas
61	Jun	6443B	Oak Courts	34 Oak Courts	Greenfield	1	Berkshire Gas	800	800	0	55444	535	0.67	Gas	Gas
62	Jun	6443D	Oak Courts	36 Oak Courts	Greenfield	1	Berkshire Gas	800	800	0	55444	535	0.67	Gas	Gas
63	Jun	6444A	Oak Courts	41 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	55335	763	0.55	Gas	Gas
64	Jun	6444B	Oak Courts	42 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	55335	508	0.55	Gas	Gas
65	Jun	6444C	Oak Courts	43 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	55335	508	0.55	Gas	Gas
66	Jun	6444D	Oak Courts	44 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	55335	763	0.55	Gas	Gas
67	Jul	9442	Greylock Valley Apartments	30-40 Angeli St	North Adams	6	Berkshire Gas	4044	4044	0	93230	3770	0.93	Gas	Gas
68	Jul	9431	Greylock Valley Apartments	31-39 Angeli St	North Adams	5	Berkshire Gas	4896	4896	0	89026	4359	0.89	Gas	Gas
69	Jul	9489	Greylock Valley Apartments	32-42 Isbell St	North Adams	6	Berkshire Gas	4044	4044	0	85363	3452	0.85	Gas	Gas
70	Jul	9440	Greylock Valley Apartments	4-14 Isbell St	North Adams	6	Berkshire Gas	4044	4044	0	88020	3560	0.88	Gas	Gas
71	Jul	4377	Greylock Valley Apartments	48 Angeli Street (Office)	North Adams	1	Berkshire Gas	3103	3103	3102	84982	2637	0.85	Gas	Gas
72	Jul	9435	Greylock Valley Apartments	49-59 Angeli St	North Adams	6	Berkshire Gas	4225	4225	0	89026	3761	0.89	Gas	Gas
73	Jul	9437	Greylock Valley Apartments	6-12 Sutton St	North Adams	4	Berkshire Gas	4368	4368	0	89816	3923	0.90	Gas	Gas
74	Jul	9503	Greylock Valley Apartments	60-70 Angeli St	North Adams	6	Berkshire Gas	4044	4044	0	84982	3437	0.85	Gas	Gas
75	Jul	9439	Greylock Valley Apartments	87-93 Sullivan St	North Adams	4	Berkshire Gas	4656	4656	0	88021	4098	0.88	Gas	Gas
76	Jul	6441B	Oak Courts	22 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	55161	506	0.55	Gas	Gas
77	Jul	6441C	Oak Courts	23 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	55161	506	0.55	Gas	Gas
78	Jul	6441D	Oak Courts	24 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	55161	760	0.55	Gas	Gas
79	Jul	6431B	Oak Courts	50 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	58515	537	0.59	Gas	Gas
80	Jul	6431C	Oak Courts	51 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	58515	537	0.59	Gas	Gas
81	Jul	6434B	Oak Courts	62 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	50523	464	0.51	Gas	Gas
82	Jul	6434C	Oak Courts	63 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	50523	464	0.51	Gas	Gas
83	Jul	6434D	Oak Courts	64 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	50523	696	0.51	Gas	Gas
84	Aug	11057A	Hillcrest Homes	10A Turners Falls Rd	Montague	1	Berkshire Gas	1620	1080	540	53668	580	0.54	Gas	Gas
85	Aug	11057B	Hillcrest Homes	10B Turners Falls Rd	Montague	1	Berkshire Gas	1080	720	360	53668	386	0.54	Gas	Gas
86	Aug	11055E	Hillcrest Homes	11A Griswold St	Montague	1	Berkshire Gas	1080	720	360	38253	275	0.38	Gas	Gas
87	Aug	11055F	Hillcrest Homes	11B Griswold St	Montague	1	Berkshire Gas	1620	1080	540	38253	413	0.38	Gas	Gas
88	Aug	11057C	Hillcrest Homes	12A Turners Falls Rd	Montague	1	Berkshire Gas	1620	1080	540	53668	580	0.54	Gas	Gas
89	Aug	11057D	Hillcrest Homes	12B Turners Falls Rd	Montague	1	Berkshire Gas	1620	1080	540	53668	580	0.54	Gas	Gas
90	Aug	11057E	Hillcrest Homes	14A Turners Falls Rd	Montague	1	Berkshire Gas	1080	720	360	53668	386	0.54	Gas	Gas
91	Aug	11056A	Hillcrest Homes	1A Griswold St	Montague	1	Berkshire Gas	1234.3	822.8571429	411.42857	42976	354	0.43	Gas	Gas
92	Aug	11056B	Hillcrest Homes	1B Griswold St	Montague	1	Berkshire Gas	1851.4	1234.285714	617.14286	42976	530	0.43	Gas	Gas
93	Aug	11056C	Hillcrest Homes	3A Griswold St	Montague	1	Berkshire Gas	1234.3	822.8571429	411.42857	42976	354	0.43	Gas	Gas
94	Aug	11056D	Hillcrest Homes	3B Griswold St	Montague	1	Berkshire Gas	1234.3	822.8571429	411.42857	42976	354	0.43	Gas	Gas
95	Aug	11056E	Hillcrest Homes	5A Griswold St	Montague	1	Berkshire Gas	1851.4	1234.285714	617.14286	42976	530	0.43	Gas	Gas
96	Aug	11056F	Hillcrest Homes	5B Griswold St	Montague	1	Berkshire Gas	1234.3	822.8571429	411.42857	42976	354	0.43	Gas	Gas
97	Aug	11055A	Hillcrest Homes	7A Griswold St	Montague	1	Berkshire Gas	1620	1080	540	38253	413	0.38	Gas	Gas
98	Aug	11055B	Hillcrest Homes	7B Griswold St	Montague	1	Berkshire Gas	1080	720	360	38253	275	0.38	Gas	Gas
99	Aug	11055C	Hillcrest Homes	9A Griswold St	Montague	1	Berkshire Gas	1620	1080	540	38253	413	0.38	Gas	Gas
100	Aug	11055D	Hillcrest Homes	9B Griswold St	Montague	1	Berkshire Gas	1620	1080	540	38253	413	0.38	Gas	Gas
101	Sep	1367	Dower Square	253 Wahconah St - Bldg 1	Pittsfield	5	Berkshire Gas	6050	6050	0	70339	4256	0.70	Gas	Electric
102	Sep	1369	Dower Square	253 Wahconah St - Bldg 2	Pittsfield	5	Berkshire Gas	7560	7560	0	36816	2783	0.37	Gas	Electric
103	Sep	1372	Dower Square	253 Wahconah St - Bldg 3	Pittsfield	5	Berkshire Gas	6050	6050	0	35498	2148	0.36	Gas	Electric
104	Sep	1373	Dower Square	253 Wahconah St - Bldg 4	Pittsfield	7	Berkshire Gas	7560	7560	0	39058	2953	0.39	Gas	Electric
105	Sep	1375	Dower Square	253 Wahconah St - Bldg 5	Pittsfield	7	Berkshire Gas	10800	10800	0	25531	2757	0.26	Gas	Electric
106	Sep	1377	Dower Square	253 Wahconah St - Bldg 6	Pittsfield	7	Berkshire Gas	7560	7560	0	35923	2716	0.36	Gas	Electric

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107	Sep	1378	Dower Square	253 Wahconah St - Bldg 7	Pittsfield	7	Berkshire Gas	7560	7560	0	35875	2712	0.36	Gas	Electric
108	Sep	1379	Dower Square	253 Wahconah St - Bldg 8	Pittsfield	7	Berkshire Gas	10800	10800	0	22024	2379	0.22	Gas	Electric
109	Sep	1286A	Jubilee Apts	10 Francis Ave Bldg A1	Pittsfield	1	Berkshire Gas	1512.5	1512.5	0	52485	794	0.52	Gas	Gas
110	Sep	1286B	Jubilee Apts	10 Francis Ave Bldg A2	Pittsfield	1	Berkshire Gas	1512.5	1512.5	0	52485	794	0.52	Gas	Gas
111	Sep	1335A	Jubilee Apts	10 Francis Ave Bldg B1	Pittsfield	1	Berkshire Gas	1440	1440	0	52485	756	0.52	Gas	Gas
112	Sep	1335B	Jubilee Apts	10 Francis Ave Bldg B2	Pittsfield	1	Berkshire Gas	1440	1440	0	52485	756	0.52	Gas	Gas
113	Sep	1335C	Jubilee Apts	10 Francis Ave Bldg B3	Pittsfield	1	Berkshire Gas	1440	1440	0	52485	756	0.52	Gas	Gas
114	Sep	1336A	Jubilee Apts	10 Francis Ave Bldg C1	Pittsfield	1	Berkshire Gas	1512.5	1512.5	0	52485	794	0.52	Gas	Gas
115	Sep	1336B	Jubilee Apts	10 Francis Ave Bldg C2	Pittsfield	1	Berkshire Gas	1512.5	1512.5	0	52485	794	0.52	Gas	Gas
116	Sep	1337A	Jubilee Apts	10 Francis Ave Bldg D1	Pittsfield	1	Berkshire Gas	1620	1620	0	52485	850	0.52	Gas	Gas
117	Sep	9950	Riverview Apartments	20-42 Sperry Ave	North Adams	12	Berkshire Gas	7047	7047	0	60326	4251	0.60	Gas	Gas
118	Oct	6438B	Oak Courts	10 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	42443	390	0.42	Gas	Gas
119	Oct	6438C	Oak Courts	11 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	42443	390	0.42	Gas	Gas
120	Oct	6438D	Oak Courts	12 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	42443	585	0.42	Gas	Gas
121	Oct	6442B	Oak Courts	26 Oak Courts	Greenfield	1	Berkshire Gas	800	800	0	50875	407	0.51	Gas	Gas
122	Oct	6442C	Oak Courts	27 Oak Courts	Greenfield	1	Berkshire Gas	800	800	0	50875	407	0.51	Gas	Gas
123	Oct	6442D	Oak Courts	28 Oak Courts	Greenfield	1	Berkshire Gas	800	800	0	50875	407	0.51	Gas	Gas
124	Oct	6442E	Oak Courts	29 Oak Courts	Greenfield	1	Berkshire Gas	800	800	0	50875	407	0.51	Gas	Gas
125	Oct	6430B	Oak Courts	46 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	40418	371	0.40	Gas	Gas
126	Oct	6430C	Oak Courts	47 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	40418	371	0.40	Gas	Gas
127	Oct	6430D	Oak Courts	48 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	40418	557	0.40	Gas	Gas
128	Oct	6432B	Oak Courts	54 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	47038	432	0.47	Gas	Gas
129	Oct	6432C	Oak Courts	55 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	47038	432	0.47	Gas	Gas
130	Oct	6432D	Oak Courts	56 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	47038	648	0.47	Gas	Gas
131	Oct	6436D	Oak Courts	72 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	61738	851	0.62	Gas	Gas
132	Nov	11058C	Hillcrest Homes	18A Turners Falls Rd	Montague	1	Berkshire Gas	1234	823	411	33821	278	0.34	Gas	Gas
133	Nov	11058D	Hillcrest Homes	18B Turners Falls Rd	Montague	1	Berkshire Gas	1234	823	411	33821	278	0.34	Gas	Gas
134	Nov	11058E	Hillcrest Homes	20A Turners Falls Rd	Montague	1	Berkshire Gas	1851	1234	617	33821	417	0.34	Gas	Gas
135	Nov	11058F	Hillcrest Homes	20B Turners Falls Rd	Montague	1	Berkshire Gas	1234	823	411	33821	278	0.34	Gas	Gas
136	Nov	1342A	Jubilee Apts	10 Francis Ave Bldg H1	Pittsfield	1	Berkshire Gas	1620	1620	0	52485	850	0.52	Gas	Gas
137	Nov	1342B	Jubilee Apts	10 Francis Ave Bldg H2	Pittsfield	1	Berkshire Gas	1620	1620	0	52485	850	0.52	Gas	Gas
138	Nov	1342C	Jubilee Apts	10 Francis Ave Bldg H3	Pittsfield	1	Berkshire Gas	1620	1620	0	52485	850	0.52	Gas	Gas
139	Nov	1342D	Jubilee Apts	10 Francis Ave Bldg H4	Pittsfield	1	Berkshire Gas	1620	1620	0	52485	850	0.52	Gas	Gas
140	Nov	6431D	Oak Courts	52 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	58515	806	0.59	Gas	Gas
141	Nov	6435B	Oak Courts	66 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	49456	454	0.49	Gas	Gas
142	Nov	6435C	Oak Courts	67 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	49456	454	0.49	Gas	Gas
143	Nov	6435D	Oak Courts	68 Oak Courts	Greenfield	1	Berkshire Gas	1378	1378	0	49456	681	0.49	Gas	Gas
144	Nov	6436B	Oak Courts	70 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	61738	567	0.62	Gas	Gas
145	Nov	6436C	Oak Courts	71 Oak Courts	Greenfield	1	Berkshire Gas	918	918	0	61738	567	0.62	Gas	Gas
146	Dec	11057F	Hillcrest Homes	14B Turners Falls Rd	Montague	1	Berkshire Gas	1620	1080	540	53668	580	0.54	Gas	Gas
147	Dec	11058A	Hillcrest Homes	16A Turners Falls Rd	Montague	1	Berkshire Gas	1234	823	411	33821	278	0.34	Gas	Gas
148	Dec	11058B	Hillcrest Homes	16B Turners Falls Rd	Montague	1	Berkshire Gas	1851	1234	617	33821	417	0.34	Gas	Gas
149	Dec	1337B	Jubilee Apts	10 Francis Ave Bldg D2	Pittsfield	1	Berkshire Gas	1620	1620	0	52485	850	0.52	Gas	Gas
150	Dec	1337C	Jubilee Apts	10 Francis Ave Bldg D3	Pittsfield	1	Berkshire Gas	1620	1620	0	52485	850	0.52	Gas	Gas
151	Dec	1337D	Jubilee Apts	10 Francis Ave Bldg D4	Pittsfield	1	Berkshire Gas	1620	1620	0	52485	850	0.52	Gas	Gas
152	Dec	1338A	Jubilee Apts	10 Francis Ave Bldg E1	Pittsfield	1	Berkshire Gas	1008	1008	0	52485	529	0.52	Gas	Gas
153	Dec	1338B	Jubilee Apts	10 Francis Ave Bldg E2	Pittsfield	1	Berkshire Gas	1008	1008	0	52485	529	0.52	Gas	Gas
154	Dec	1338C	Jubilee Apts	10 Francis Ave Bldg E3	Pittsfield	1	Berkshire Gas	1008	1008	0	52485	529	0.52	Gas	Gas
155	Dec	1339A	Jubilee Apts	10 Francis Ave Bldg F1	Pittsfield	1	Berkshire Gas	2160	2160	0	52485	1134	0.52	Gas	Gas
156	Dec	1339B	Jubilee Apts	10 Francis Ave Bldg F2	Pittsfield	1	Berkshire Gas	2160	2160	0	52485	1134	0.52	Gas	Gas
157	Dec	1340A	Jubilee Apts	10 Francis Ave Bldg G1	Pittsfield	1	Berkshire Gas	1008	1008	0	52485	529	0.52	Gas	Gas
158	Dec	1340B	Jubilee Apts	10 Francis Ave Bldg G2	Pittsfield	1	Berkshire Gas	1008	1008	0	52485	529	0.52	Gas	Gas
159	Dec	1340C	Jubilee Apts	10 Francis Ave Bldg G3	Pittsfield	1	Berkshire Gas	1008	1008	0	52485	529	0.52	Gas	Gas

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1	Jan	6273	JFK Village	1 - 9 Tudor Street	Methuen	4	Columbia Gas	4540	4540	390	48694	2211	0.49	Gas	Gas
2	Jan	7341	Birch Park Circle	115-117 Birch Park Circle	West Springfield	2	Columbia Gas	3055	2036	1019	50981	1038	0.51	Gas	Gas
3	Jan	7354	Birch Park Circle	121-123 Birch Park Circle	West Springfield	2	Columbia Gas	2592	1728	864	66647	1152	0.67	Gas	Gas
4	Jan	7349	Birch Park Circle	128-130 Birch Park Circle	West Springfield	2	Columbia Gas	2592	1728	864	56673	979	0.57	Gas	Gas
5	Jan	7340	Birch Park Circle	129R - 129L Birch Park Circle	West Springfield	2	Columbia Gas	2808	2808	956	39920	1121	0.40	Gas	Gas
6	Jan	7344	Birch Park Circle	138-140 Birch Park Circle	West Springfield	2	Columbia Gas	2592	1728	864	56340	974	0.56	Gas	Gas
7	Jan	7342	Birch Park Circle	139L - 139R Birch Park Circle	West Springfield	2	Columbia Gas	2808	2808	956	32524	913	0.33	Gas	Gas
8	Jan	7348	Birch Park Circle	143L - 143R Birch Park Circle	West Springfield	2	Columbia Gas	2964	1976	1008	48686	962	0.49	Gas	Gas
9	Jan	7431	Birch Park Circle	151 - 157 Birch Park Circle	West Springfield	2	Columbia Gas	3055	2036	1019	66913	1362	0.67	Gas	Gas
10	Jan	7339	Birch Park Circle	152-156 Birch Park Circle	West Springfield	2	Columbia Gas	3055	2036	1019	55490	1130	0.55	Gas	Gas
11	Jan	7337	Birch Park Circle	158-160 Birch Park Circle	West Springfield	2	Columbia Gas	2592	1728	864	62878	1087	0.63	Gas	Gas
12	Jan	7345	Birch Park Circle	161R - 161L Birch Park Circle	West Springfield	2	Columbia Gas	2808	2808	956	42938	1206	0.43	Gas	Gas
13	Jan	7350	Birch Park Circle	169R - 169L Birch Park Circle	West Springfield	2	Columbia Gas	2808	2808	956	46948	1318	0.47	Gas	Gas
14	Jan	7353	Birch Park Circle	178L - 178R Birch Park Circle	West Springfield	2	Columbia Gas	2808	2808	956	40979	1151	0.41	Gas	Gas
15	Jan	7352	Birch Park Circle	26-34 Birch Park Circle	West Springfield	2	Columbia Gas	3055	2036	1019	46075	938	0.46	Gas	Gas
16	Jan	7363	Birch Park Circle	63L - 63R Birch Park Circle	West Springfield	2	Columbia Gas	2808	2808	956	36717	1031	0.37	Gas	Gas
17	Jan	7335	Birch Park Circle	64L - 64R Birch Park Circle	West Springfield	2	Columbia Gas	2808	2808	956	38192	1072	0.38	Gas	Gas
18	Jan	7325	Birch Park Circle	71L-71R Birch Park Circle	West Springfield	2	Columbia Gas	2964	1976	1008	69069	1365	0.69	Gas	Gas
19	Jan	7332	Birch Park Circle	72L - 72R Birch Park Circle	West Springfield	2	Columbia Gas	2964	1976	1008	53530	1058	0.54	Gas	Gas
20	Jan	7338	Birch Park Circle	80R - 80L Birch Park Circle	West Springfield	2	Columbia Gas	2808	2808	956	42160	1184	0.42	Gas	Gas
21	Jan	7351	Birch Park Circle	83-87 Birch Park Circle	West Springfield	2	Columbia Gas	3055	2036	1019	54017	1100	0.54	Gas	Gas
22	Jan	7379	Brunswick House	198 ESSEX ST	Lawrence	92	Columbia Gas	79980	66650	13330	53567	35702	0.54	Gas	Gas
23	Jan	7075	Cedar Court	WILSON PLACE - A	Mansfield	6	Columbia Gas	3422	3422	422	74261	2541	0.74	Gas	Gas
24	Jan	7076	Cedar Court	WILSON PLACE - B	Mansfield	6	Columbia Gas	3422	3422	422	74261	2541	0.74	Gas	Gas
25	Jan	7077	Cedar Court	WILSON PLACE - C	Mansfield	6	Columbia Gas	3422	3422	422	74261	2541	0.74	Gas	Gas
26	Jan	7079	Cedar Court	WILSON PLACE - D / Community	Mansfield	5	Columbia Gas	3915	3915	1415	74261	2907	0.74	Gas	Gas
27	Jan	7078	Cedar Court	WILSON PLACE - E	Mansfield	6	Columbia Gas	3422	3422	422	74261	2541	0.74	Gas	Gas
28	Jan	7302	Edgewood Ave	75 EDGEWOOD AVE - 1	Methuen	8	Columbia Gas	7425	4950	2975	73486	3638	0.73	Gas	Gas
29	Jan	7303	Edgewood Ave	75 EDGEWOOD AVE - 2	Methuen	8	Columbia Gas	7425	4950	2975	73486	3638	0.73	Gas	Gas
30	Jan	7304	Edgewood Ave	75 EDGEWOOD AVE - 3	Methuen	8	Columbia Gas	7425	4950	2975	73486	3638	0.73	Gas	Gas
31	Jan	7305	Edgewood Ave	75 EDGEWOOD AVE - 4	Methuen	8	Columbia Gas	7425	4950	2975	73486	3638	0.73	Gas	Gas
32	Jan	7306	Edgewood Ave	75 EDGEWOOD AVE - 5	Methuen	8	Columbia Gas	7425	4950	2975	73486	3638	0.73	Gas	Gas
33	Jan	7307	Edgewood Ave	75 EDGEWOOD AVE - 6	Methuen	8	Columbia Gas	7425	4950	2975	73486	3638	0.73	Gas	Gas
34	Jan	7309	Edgewood Ave	75 EDGEWOOD AVE - 7	Methuen	8	Columbia Gas	7425	4950	2975	73486	3638	0.73	Gas	Gas
35	Jan	7308	Edgewood Ave	75 EDGEWOOD AVE - 8	Methuen	8	Columbia Gas	7425	4950	2975	73486	3638	0.73	Gas	Gas
36	Jan	7310	Edgewood Ave	75 EDGEWOOD AVE - Community	Methuen	1	Columbia Gas	1728	1152	576	73486	847	0.73	Gas	Gas
37	Jan	7392	Morris School Extension	603 BERKSHIRE AVE - A	Springfield	12	Columbia Gas	11136	7424	4136	42740	3173	0.43	Gas	Gas
38	Jan	7394	Morris School Extension	603 BERKSHIRE AVE - B	Springfield	8	Columbia Gas	7488	4992	2788	42740	2134	0.43	Gas	Gas
39	Jan	7396	Morris School Extension	603 BERKSHIRE AVE - C	Springfield	10	Columbia Gas	9696	6464	3696	42740	2763	0.43	Gas	Gas
40	Jan	7404	Morris School Extension	603 BERKSHIRE AVE - Community	Springfield	1	Columbia Gas	3420	1710	1710	56987	974	0.57	Gas	Gas
41	Jan	7398	Morris School Extension	603 BERKSHIRE AVE - D	Springfield	10	Columbia Gas	9696	6464	3696	42740	2763	0.43	Gas	Gas
42	Jan	7402	Morris School Extension	603 BERKSHIRE AVE - E - Congregate	Springfield	5	Columbia Gas	4597	3065	1797	42735	1310	0.43	Gas	Gas
43	Jan	7300	Oakland Ave	36 OAKLAND AVE - 1	Methuen	8	Columbia Gas	7560	5040	2960	112060	5648	1.12	Gas	Gas
44	Jan	7296	Oakland Ave	36 OAKLAND AVE - 2	Methuen	8	Columbia Gas	6600	4400	2600	112060	4931	1.12	Gas	Gas
45	Jan	7297	Oakland Ave	36 OAKLAND AVE - 3	Methuen	8	Columbia Gas	6600	4400	2600	112060	4931	1.12	Gas	Gas
46	Jan	7298	Oakland Ave	36 OAKLAND AVE - 4	Methuen	8	Columbia Gas	6600	4400	2600	112060	4931	1.12	Gas	Gas
47	Jan	7299	Oakland Ave	36 OAKLAND AVE - 5	Methuen	8	Columbia Gas	6600	4400	2600	112060	4931	1.12	Gas	Gas
48	Jan	7301	Oakland Ave	36 OAKLAND AVE - Commmunity	Methuen	1	Columbia Gas	1302	868	434	112060	973	1.12	Gas	Gas
49	Jan	6179	Reed Village	18,120,122,124 LIONEL BENOIT, 47 ASTER S	Springfield	4	Columbia Gas	5700	5700	0	11088	632	0.11	Gas	Gas
50	Jan	7356	Village Green	1-2 VILLAGE GREEN	East Longmeadow	8	Columbia Gas	10000	5000	5000	69773	3489	0.70	Gas	Gas
51	Jan	7357	Village Green	3-4 VILLAGE GREEN	East Longmeadow	8	Columbia Gas	10000	5000	5000	69773	3489	0.70	Gas	Gas
52	Jan	7358	Village Green	5-6 VILLAGE GREEN	East Longmeadow	8	Columbia Gas	10000	5000	5000	69773	3489	0.70	Gas	Gas
53	Jan	7359	Village Green	7-8 VILLAGE GREEN	East Longmeadow	8	Columbia Gas	10000	5000	5000	69773	3489	0.70	Gas	Gas
54	Jan	7360	Village Green	9-10 VILLAGE GREEN	East Longmeadow	8	Columbia Gas	10000	5000	5000	69773	3489	0.70	Gas	Gas
55	Feb	7343	Birch Park Circle	103 - 105 Birch Park Circle	West Springfield	2	Columbia Gas	2592	1728	864	70841	1224	0.71	Gas	Gas
56	Feb	7330	Birch Park Circle	168L-168R Birch Park Circle	West Springfield	2	Columbia Gas	2964	1976	1008	72594	1434	0.73	Gas	Gas
57	Feb	7326	Birch Park Circle	175-177 Birch Park Circle	West Springfield	2	Columbia Gas	2592	1728	864	76175	1316	0.76	Gas	Gas
58	Feb	7346	Birch Park Circle	184 - 353 Birch Park Circle	West Springfield	2	Columbia Gas	3054	2036	1018	71372	1453	0.71	Gas	Gas
59	Feb	7334	Birch Park Circle	77 - 79 Birch Park Circle	West Springfield	2	Columbia Gas	2592	1728	864	69584	1202	0.70	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
60	Feb	7336	Birch Park Circle	95 - 97 Birch Park Circle	West Springfield	2	Columbia Gas	2592	1728	864	72873	1259	0.73	Gas	Gas
61	Feb	6218	Douglas House	20 Haverill Street	Brockton	63	Columbia Gas	142791	142791	42257	33699	48120	0.34	Gas	Gas
62	Feb	6219	Hamilton Wade House	54 Haverill Street	Brockton	84	Columbia Gas	64016	64016	10200	55527	35546	0.56	Gas	Gas
63	Feb	Federal	John L. Sullivan	John L. Sullivan 1	Springfield	3	Columbia Gas	4200	2100	2100	80720	2025	0.81	Gas	Gas
64	Feb	Federal	John L. Sullivan	John L. Sullivan 10	Springfield	11	Columbia Gas	11200	6720	4480	80720	5400	0.81	Gas	Gas
65	Feb	Federal	John L. Sullivan	John L. Sullivan 11	Springfield	11	Columbia Gas	11200	6720	4480	80720	5400	0.81	Gas	Gas
66	Feb	Federal	John L. Sullivan	John L. Sullivan 12	Springfield	11	Columbia Gas	11200	6720	4480	80720	5400	0.81	Gas	Gas
67	Feb	Federal	John L. Sullivan	John L. Sullivan 2	Springfield	9	Columbia Gas	9200	5520	3680	80720	4436	0.81	Gas	Gas
68	Feb	Federal	John L. Sullivan	John L. Sullivan 3	Springfield	9	Columbia Gas	9200	5520	3680	80720	4436	0.81	Gas	Gas
69	Feb	Federal	John L. Sullivan	John L. Sullivan 4	Springfield	9	Columbia Gas	9200	5520	3680	80720	4436	0.81	Gas	Gas
70	Feb	Federal	John L. Sullivan	John L. Sullivan 5	Springfield	9	Columbia Gas	9200	5520	3680	80720	4436	0.81	Gas	Gas
71	Feb	Federal	John L. Sullivan	John L. Sullivan 6	Springfield	9	Columbia Gas	9200	5520	3680	80720	4436	0.81	Gas	Gas
72	Feb	Federal	John L. Sullivan	John L. Sullivan 7	Springfield	9	Columbia Gas	9200	5520	3680	80720	4436	0.81	Gas	Gas
73	Feb	Federal	John L. Sullivan	John L. Sullivan 8	Springfield	11	Columbia Gas	11200	6720	4480	80720	5400	0.81	Gas	Gas
74	Feb	Federal	John L. Sullivan	John L. Sullivan 9	Springfield	11	Columbia Gas	11200	6720	4480	80720	5400	0.81	Gas	Gas
75	Feb	Federal	Pine-Renee	Pine-Renee 1	Springfield	2	Columbia Gas	3000	2000	1000	41375	785	0.41	Gas	Gas
76	Feb	Federal	Pine-Renee	Pine-Renee 10	Springfield	2	Columbia Gas	3600	2400	1200	41375	941	0.41	Gas	Gas
77	Feb	Federal	Pine-Renee	Pine-Renee 11	Springfield	2	Columbia Gas	3600	2400	1200	41375	941	0.41	Gas	Gas
78	Feb	Federal	Pine-Renee	Pine-Renee 12	Springfield	2	Columbia Gas	3600	2400	1200	41375	941	0.41	Gas	Gas
79	Feb	Federal	Pine-Renee	Pine-Renee 13	Springfield	2	Columbia Gas	3600	2400	1200	41375	941	0.41	Gas	Gas
80	Feb	Federal	Pine-Renee	Pine-Renee 14	Springfield	2	Columbia Gas	5100	3400	1700	41375	1334	0.41	Gas	Gas
81	Feb	Federal	Pine-Renee	Pine-Renee 15	Springfield	2	Columbia Gas	5100	3400	1700	41375	1334	0.41	Gas	Gas
82	Feb	Federal	Pine-Renee	Pine-Renee 16	Springfield	18	Columbia Gas	21600	11700	9900	41375	5649	0.41	Gas	Gas
83	Feb	Federal	Pine-Renee	Pine-Renee 2	Springfield	2	Columbia Gas	3600	2400	1200	41375	941	0.41	Gas	Gas
84	Feb	Federal	Pine-Renee	Pine-Renee 3	Springfield	2	Columbia Gas	3600	2400	1200	41375	941	0.41	Gas	Gas
85	Feb	Federal	Pine-Renee	Pine-Renee 4	Springfield	2	Columbia Gas	3600	2400	1200	41375	941	0.41	Gas	Gas
86	Feb	Federal	Pine-Renee	Pine-Renee 5	Springfield	2	Columbia Gas	3600	2400	1200	41375	941	0.41	Gas	Gas
87	Feb	Federal	Pine-Renee	Pine-Renee 6	Springfield	2	Columbia Gas	3600	2400	1200	41375	941	0.41	Gas	Gas
88	Feb	Federal	Pine-Renee	Pine-Renee 7	Springfield	2	Columbia Gas	3600	2400	1200	41375	941	0.41	Gas	Gas
89	Feb	Federal	Pine-Renee	Pine-Renee 8	Springfield	2	Columbia Gas	3600	2400	1200	41375	941	0.41	Gas	Gas
90	Feb	Federal	Pine-Renee	Pine-Renee 9	Springfield	2	Columbia Gas	3600	2400	1200	41375	941	0.41	Gas	Gas
91	Feb	Federal	Riverview	Riverview 1	Springfield	5	Columbia Gas	9200	4600	4600	72690	4154	0.73	Gas	Gas
92	Feb	Federal	Riverview	Riverview 10	Springfield	8	Columbia Gas	11100	7200	3900	72690	5012	0.73	Gas	Gas
93	Feb	Federal	Riverview	Riverview 11	Springfield	8	Columbia Gas	11100	7200	3900	72690	5012	0.73	Gas	Gas
94	Feb	Federal	Riverview	Riverview 12	Springfield	8	Columbia Gas	11100	7200	3900	72690	5012	0.73	Gas	Gas
95	Feb	Federal	Riverview	Riverview 13	Springfield	18	Columbia Gas	32000	16000	16000	72690	14450	0.73	Gas	Gas
96	Feb	Federal	Riverview	Riverview 14	Springfield	48	Columbia Gas	66600	42480	24120	72690	30074	0.73	Gas	Gas
97	Feb	Federal	Riverview	Riverview 15	Springfield	48	Columbia Gas	66600	42480	24120	72690	30074	0.73	Gas	Gas
98	Feb	Federal	Riverview	Riverview 16	Springfield	48	Columbia Gas	66600	42480	24120	72690	30074	0.73	Gas	Gas
99	Feb	Federal	Riverview	Riverview 17	Springfield	48	Columbia Gas	66600	42480	24120	72690	30074	0.73	Gas	Gas
100	Feb	Federal	Riverview	Riverview 18	Springfield	48	Columbia Gas	66600	42480	24120	72690	30074	0.73	Gas	Gas
101	Feb	Federal	Riverview	Riverview 2	Springfield	5	Columbia Gas	9200	4600	4600	72690	4154	0.73	Gas	Gas
102	Feb	Federal	Riverview	Riverview 3	Springfield	5	Columbia Gas	9200	4600	4600	72690	4154	0.73	Gas	Gas
103	Feb	Federal	Riverview	Riverview 4	Springfield	5	Columbia Gas	9200	4600	4600	72690	4154	0.73	Gas	Gas
104	Feb	Federal	Riverview	Riverview 5	Springfield	8	Columbia Gas	11100	7200	3900	72690	5012	0.73	Gas	Gas
105	Feb	Federal	Riverview	Riverview 6	Springfield	8	Columbia Gas	11100	7200	3900	72690	5012	0.73	Gas	Gas
106	Feb	Federal	Riverview	Riverview 7	Springfield	8	Columbia Gas	11100	7200	3900	72690	5012	0.73	Gas	Gas
107	Feb	Federal	Riverview	Riverview 8	Springfield	8	Columbia Gas	11100	7200	3900	72690	5012	0.73	Gas	Gas
108	Feb	Federal	Riverview	Riverview 9	Springfield	8	Columbia Gas	11100	7200	3900	72690	5012	0.73	Gas	Gas
109	Mar	8589	Birch Park Circle	109-111 Birch Park Circle	West Springfield	2	Columbia Gas	3055	2036	1019	48965	997	0.49	Gas	Gas
110	Mar	8590	Birch Park Circle	110-124 Birch Park Circle	West Springfield	2	Columbia Gas	3055	2036	1019	46540	948	0.47	Gas	Gas
111	Mar	8591A	Birch Park Circle	12L Birch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	32086	450	0.48	Gas	Gas
112	Mar	8591B	Birch Park Circle	12R Birch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	32086	450	0.48	Gas	Gas
113	Mar	8592A	Birch Park Circle	13L Birch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	49589	696	0.74	Gas	Gas
114	Mar	8592B	Birch Park Circle	13R Birch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	49589	696	0.74	Gas	Gas
115	Mar	8593	Birch Park Circle	144-148 (YMCA) Birch Park Circle	West Springfield	1	Columbia Gas	3055	2036	3054	29243	595	0.29	Gas	Gas
116	Mar	8595	Birch Park Circle	20-22 Birch Park Circle	West Springfield	2	Columbia Gas	2592	1728	864	62277	1076	0.62	Gas	Gas
117	Mar	8596	Birch Park Circle	25 Birch Park Circle	West Springfield	2	Columbia Gas	3055	2036	1019	46936	956	0.47	Gas	Gas
118	Mar	8588	Birch Park Circle	3-5 Birch Park Circle	West Springfield	2	Columbia Gas	2592	1728	864	65909	1139	0.66	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
119	Mar	8597A	Birch Park Circle	33L Birch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	48871	686	0.73	Gas	Gas
120	Mar	8597B	Birch Park Circle	33R Birch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	48871	686	0.73	Gas	Gas
121	Mar	8599A	Birch Park Circle	39L Birch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	44392	623	0.67	Gas	Gas
122	Mar	8599B	Birch Park Circle	39R Birch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	44392	623	0.67	Gas	Gas
123	Mar	8600A	Birch Park Circle	42L Birch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	36148	508	0.54	Gas	Gas
124	Mar	8600B	Birch Park Circle	42R Birch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	36148	508	0.54	Gas	Gas
125	Mar	8603A	Birch Park Circle	55LBirch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	57879	813	0.89	Gas	Gas
126	Mar	8603B	Birch Park Circle	55R Birch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	57879	813	0.89	Gas	Gas
127	Mar	8604A	Birch Park Circle	56L Birch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	36210	508	0.54	Gas	Gas
128	Mar	8604B	Birch Park Circle	56R Birch Park Circle	West Springfield	1	Columbia Gas	1404	936	478	36210	508	0.54	Gas	Gas
129	Mar	8605	Birch Park Circle	86-102 Birch Park Circle	West Springfield	2	Columbia Gas	3055	2036	1019	48965	997	0.49	Gas	Gas
130	Mar	8606	Birch Park Circle	89-93 Birch Park Circle	West Springfield	2	Columbia Gas	3055	2036	1019	61029	1243	0.61	Gas	Gas
131	Mar	8629D	Duggan	100 Layzon Bros Rd	Springfield	1	Columbia Gas	952	952	0	95061	905	0.95	Gas	Gas
132	Mar	5748B	Duggan	11 ARTHUR PICARD CIRCLE	Springfield	1	Columbia Gas	901	901	0	104335	940	1.04	Gas	Gas
133	Mar	5748C	Duggan	13 ARTHUR PICARD CIRCLE	Springfield	1	Columbia Gas	901	901	0	104335	940	1.04	Gas	Gas
134	Mar	5748D	Duggan	15 ARTHUR PICARD CIRCLE	Springfield	1	Columbia Gas	901	901	0	104335	940	1.04	Gas	Gas
135	Mar	5462A	Duggan	61 LAYZON BROS RD	Springfield	1	Columbia Gas	832	832	0	113580	945	1.14	Gas	Gas
136	Mar	5462B	Duggan	63 LAYZON BROS RD	Springfield	1	Columbia Gas	832	832	0	113580	945	1.14	Gas	Gas
137	Mar	5462C	Duggan	65 LAYZON BROS RD	Springfield	1	Columbia Gas	832	832	0	113580	945	1.14	Gas	Gas
138	Mar	5462D	Duggan	67 LAYZON BROS RD	Springfield	1	Columbia Gas	832	832	0	113580	945	1.14	Gas	Gas
139	Mar	5463A	Duggan	69 LAYZON BROS RD	Springfield	1	Columbia Gas	1120	1120	0	91098	1020	0.91	Gas	Gas
140	Mar	5463B	Duggan	71 LAYZON BROS RD	Springfield	1	Columbia Gas	1120	1120	0	91098	1020	0.91	Gas	Gas
141	Mar	5463C	Duggan	73 LAYZON BROS RD	Springfield	1	Columbia Gas	1120	1120	0	91098	1020	0.91	Gas	Gas
142	Mar	5463D	Duggan	75 LAYZON BROS RD	Springfield	1	Columbia Gas	1120	1120	0	91098	1020	0.91	Gas	Gas
143	Mar	5464A	Duggan	77 LAYZON BROS RD	Springfield	1	Columbia Gas	665	665	0	161666	1075	1.62	Gas	Gas
144	Mar	5464B	Duggan	79 LAYZON BROS RD	Springfield	1	Columbia Gas	665	665	0	161666	1075	1.62	Gas	Gas
145	Mar	5464C	Duggan	81 LAYZON BROS RD	Springfield	1	Columbia Gas	665	665	0	161666	1075	1.62	Gas	Gas
146	Mar	5464D	Duggan	83 LAYZON BROS RD	Springfield	1	Columbia Gas	665	665	0	161666	1075	1.62	Gas	Gas
147	Mar	5464E	Duggan	85 LAYZON BROS RD	Springfield	1	Columbia Gas	665	665	0	161666	1075	1.62	Gas	Gas
148	Mar	5748A	Duggan	9 ARTHUR PICARD CIRCLE	Springfield	1	Columbia Gas	901	901	0	104335	940	1.04	Gas	Gas
149	Mar	8629A	Duggan	94 Layzon Bros Rd	Springfield	1	Columbia Gas	952	952	0	95061	905	0.95	Gas	Gas
150	Mar	8629B	Duggan	96 Layzon Bros Rd	Springfield	1	Columbia Gas	952	952	0	95061	905	0.95	Gas	Gas
151	Mar	8629C	Duggan	98 Layzon Bros Rd	Springfield	1	Columbia Gas	952	952	0	95061	905	0.95	Gas	Gas
152	Mar	8583	Orchard Manor	1 - 7 Milton Court	Springfield	4	Columbia Gas	3530	1765	1765	48119	1699	0.96	Gas	Gas
153	Mar	8575	Orchard Manor	16 - 24 Milton Court B	Springfield	5	Columbia Gas	4412	2206	2206	87083	3842	1.74	Gas	Gas
154	Mar	8581	Orchard Manor	19 - 33 Milton Court	Springfield	8	Columbia Gas	7350	3675	3675	52273	3842	1.05	Gas	Gas
155	Mar	8573	Orchard Manor	2 - 8 Milton Court A	Springfield	4	Columbia Gas	3530	1765	1765	47917	1691	0.96	Gas	Gas
156	Mar	8576	Orchard Manor	28 - 36 Milton Court C	Springfield	5	Columbia Gas	4412	2206	2206	87083	3842	1.74	Gas	Gas
157	Mar	8579	Orchard Manor	37 - 43 Milton Court E	Springfield	4	Columbia Gas	3530	1765	1765	108841	3842	2.18	Gas	Gas
158	Mar	8578	Orchard Manor	47 - 57 Milton Court D	Springfield	6	Columbia Gas	4150	2075	2075	63304	2627	1.27	Gas	Gas
159	Mar	8582	Orchard Manor	9 - 15 Milton Court	Springfield	4	Columbia Gas	3530	1765	1765	51464	1817	1.03	Gas	Gas
160	Mar	5200	Rivercourt	RIVERCOURT	Attleboro	59	Columbia Gas	53850	44875	24350	13109	5882	0.13	Electric	Gas
161	Mar	8628A	Robinson Gardens	50 William Sands Jr	Springfield	1	Columbia Gas	1254	836	418	150077	1255	1.50	Gas	Gas
162	Mar	8628B	Robinson Gardens	52 William Sands Jr	Springfield	1	Columbia Gas	1254	836	0	150077	1255	1.50	Gas	Gas
163	Apr	Federal	Plante Circle	Stonina/Plante - 67	Chicopee	1	Columbia Gas	9000	4500	4500	110206	6479	0.72	Gas	Gas
164	Apr	Federal	Plante Circle	Stonina/Plante - 68	Chicopee	3	Columbia Gas	6350	3850	2500	110206	4571	0.72	Gas	Gas
165	Apr	Federal	Plante Circle	Stonina/Plante - 69	Chicopee	3	Columbia Gas	6350	3850	2500	110206	4571	0.72	Gas	Gas
166	Apr	Federal	Plante Circle	Stonina/Plante - 70	Chicopee	3	Columbia Gas	6350	3850	2500	110206	4571	0.72	Gas	Gas
167	Apr	Federal	Plante Circle	Stonina/Plante - 71	Chicopee	3	Columbia Gas	6350	3850	2500	110206	4571	0.72	Gas	Gas
168	Apr	Federal	Plante Circle	Stonina/Plante - 1	Chicopee	1	Columbia Gas	2250	1500	750	110206	1620	0.72	Gas	Gas
169	Apr	Federal	Plante Circle	Stonina/Plante - 2	Chicopee	1	Columbia Gas	2250	1500	750	110206	1620	0.72	Gas	Gas
170	Apr	Federal	Plante Circle	Stonina/Plante - 3	Chicopee	1	Columbia Gas	2250	1500	750	110206	1620	0.72	Gas	Gas
171	Apr	Federal	Plante Circle	Stonina/Plante - 4	Chicopee	1	Columbia Gas	2250	1500	750	110206	1620	0.72	Gas	Gas
172	Apr	Federal	Plante Circle	Stonina/Plante - 5	Chicopee	1	Columbia Gas	2250	1500	750	110206	1620	0.72	Gas	Gas
173	Apr	Federal	Plante Circle	Stonina/Plante - 6	Chicopee	1	Columbia Gas	2250	1500	750	110206	1620	0.72	Gas	Gas
174	Apr	Federal	Plante Circle	Stonina/Plante - 7	Chicopee	1	Columbia Gas	2250	1500	750	110206	1620	0.72	Gas	Gas
175	Apr	Federal	Plante Circle	Stonina/Plante - 8	Chicopee	1	Columbia Gas	2250	1500	750	110206	1620	0.72	Gas	Gas
176	Apr	Federal	Plante Circle	Stonina/Plante - 9	Chicopee	1	Columbia Gas	2250	1500	750	110206	1620	0.72	Gas	Gas
177	Apr	Federal	Plante Circle	Stonina/Plante - 10	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
178	Apr	Federal	Plante Circle	Stonina/Plante - 11	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
179	Apr	Federal	Plante Circle	Stonina/Plante - 12	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
180	Apr	Federal	Plante Circle	Stonina/Plante - 13	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
181	Apr	Federal	Plante Circle	Stonina/Plante - 14	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
182	Apr	Federal	Plante Circle	Stonina/Plante - 15	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
183	Apr	Federal	Plante Circle	Stonina/Plante - 16	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
184	Apr	Federal	Plante Circle	Stonina/Plante - 17	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
185	Apr	Federal	Plante Circle	Stonina/Plante - 18	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
186	Apr	Federal	Plante Circle	Stonina/Plante - 19	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
187	Apr	Federal	Plante Circle	Stonina/Plante - 20	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
188	Apr	Federal	Plante Circle	Stonina/Plante - 21	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
189	Apr	Federal	Plante Circle	Stonina/Plante - 22	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
190	Apr	Federal	Plante Circle	Stonina/Plante - 23	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
191	Apr	Federal	Plante Circle	Stonina/Plante - 24	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
192	Apr	Federal	Plante Circle	Stonina/Plante - 25	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
193	Apr	Federal	Plante Circle	Stonina/Plante - 26	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
194	Apr	Federal	Plante Circle	Stonina/Plante - 27	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
195	Apr	Federal	Plante Circle	Stonina/Plante - 28	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
196	Apr	Federal	Plante Circle	Stonina/Plante - 29	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
197	Apr	Federal	Plante Circle	Stonina/Plante - 30	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
198	Apr	Federal	Plante Circle	Stonina/Plante - 31	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
199	Apr	Federal	Plante Circle	Stonina/Plante - 32	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
200	Apr	Federal	Plante Circle	Stonina/Plante - 33	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
201	Apr	Federal	Plante Circle	Stonina/Plante - 34	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
202	Apr	Federal	Plante Circle	Stonina/Plante - 35	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
203	Apr	Federal	Plante Circle	Stonina/Plante - 36	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
204	Apr	Federal	Plante Circle	Stonina/Plante - 37	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
205	Apr	Federal	Plante Circle	Stonina/Plante - 38	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
206	Apr	Federal	Plante Circle	Stonina/Plante - 39	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
207	Apr	Federal	Plante Circle	Stonina/Plante - 40	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
208	Apr	Federal	Plante Circle	Stonina/Plante - 41	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
209	Apr	Federal	Plante Circle	Stonina/Plante - 42	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
210	Apr	Federal	Plante Circle	Stonina/Plante - 43	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
211	Apr	Federal	Plante Circle	Stonina/Plante - 44	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
212	Apr	Federal	Plante Circle	Stonina/Plante - 45	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
213	Apr	Federal	Plante Circle	Stonina/Plante - 46	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
214	Apr	Federal	Plante Circle	Stonina/Plante - 47	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
215	Apr	Federal	Plante Circle	Stonina/Plante - 48	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
216	Apr	Federal	Plante Circle	Stonina/Plante - 49	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
217	May	9075A	Hampshire Heights	Hampshire Heights 10A	Northampton	1	Columbia Gas	1980	1320	N/A	49159	649	0.49	Gas	Gas
218	May	9075B	Hampshire Heights	Hampshire Heights 10B	Northampton	1	Columbia Gas	1320	880	N/A	49159	433	0.49	Gas	Gas
219	May	9075C	Hampshire Heights	Hampshire Heights 10C	Northampton	1	Columbia Gas	1320	880	N/A	49159	433	0.49	Gas	Gas
220	May	9075D	Hampshire Heights	Hampshire Heights 10D	Northampton	1	Columbia Gas	1980	1320	N/A	49159	649	0.49	Gas	Gas
221	May	9077A	Hampshire Heights	Hampshire Heights 11A	Northampton	1	Columbia Gas	1980	1320	N/A	60188	794	0.60	Gas	Gas
222	May	9077B	Hampshire Heights	Hampshire Heights 11B	Northampton	1	Columbia Gas	1320	880	N/A	60188	530	0.60	Gas	Gas
223	May	9077C	Hampshire Heights	Hampshire Heights 11C	Northampton	1	Columbia Gas	1320	880	N/A	60188	530	0.60	Gas	Gas
224	May	9077D	Hampshire Heights	Hampshire Heights 11D	Northampton	1	Columbia Gas	1980	1320	N/A	60188	794	0.60	Gas	Gas
225	May	9078A	Hampshire Heights	Hampshire Heights 12A	Northampton	1	Columbia Gas	1980	1320	N/A	41114	543	0.41	Gas	Gas
226	May	9078B	Hampshire Heights	Hampshire Heights 12B	Northampton	1	Columbia Gas	1320	880	N/A	41114	362	0.41	Gas	Gas
227	May	9078C	Hampshire Heights	Hampshire Heights 12C	Northampton	1	Columbia Gas	1320	880	N/A	41114	362	0.41	Gas	Gas
228	May	9078D	Hampshire Heights	Hampshire Heights 12D	Northampton	1	Columbia Gas	1980	1320	N/A	41114	543	0.41	Gas	Gas
229	May	9082A	Hampshire Heights	Hampshire Heights 13A	Northampton	1	Columbia Gas	1980	1320	N/A	31455	411	0.31	Gas	Gas
230	May	9082B	Hampshire Heights	Hampshire Heights 13B	Northampton	1	Columbia Gas	1320	880	N/A	31455	274	0.31	Gas	Gas
231	May	9082C	Hampshire Heights	Hampshire Heights 13C	Northampton	1	Columbia Gas	1320	880	N/A	31455	274	0.31	Gas	Gas
232	May	9082D	Hampshire Heights	Hampshire Heights 13D	Northampton	1	Columbia Gas	1980	1320	N/A	31455	411	0.31	Gas	Gas
233	May	9084A	Hampshire Heights	Hampshire Heights 14A	Northampton	1	Columbia Gas	1980	1320	N/A	51250	676	0.51	Gas	Gas
234	May	9084B	Hampshire Heights	Hampshire Heights 14B	Northampton	1	Columbia Gas	1320	880	N/A	51250	451	0.51	Gas	Gas
235	May	9084C	Hampshire Heights	Hampshire Heights 14C	Northampton	1	Columbia Gas	1320	880	N/A	51250	451	0.51	Gas	Gas
236	May	9084D	Hampshire Heights	Hampshire Heights 14D	Northampton	1	Columbia Gas	1980	1320	N/A	51250	676	0.51	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
237	May	9087A	Hampshire Heights	Hampshire Heights 15A	Northampton	1	Columbia Gas	1980	1320	N/A	43909	647	0.49	Gas	Gas
238	May	9087B	Hampshire Heights	Hampshire Heights 15B	Northampton	1	Columbia Gas	1320	880	N/A	43909	431	0.49	Gas	Gas
239	May	9087C	Hampshire Heights	Hampshire Heights 15C	Northampton	1	Columbia Gas	1320	880	N/A	43909	431	0.49	Gas	Gas
240	May	9087D	Hampshire Heights	Hampshire Heights 15D	Northampton	1	Columbia Gas	1980	1320	N/A	43909	647	0.49	Gas	Gas
241	May	9089A	Hampshire Heights	Hampshire Heights 16A	Northampton	1	Columbia Gas	1980	1320	N/A	46864	619	0.47	Gas	Gas
242	May	9089B	Hampshire Heights	Hampshire Heights 16B	Northampton	1	Columbia Gas	1320	880	N/A	46864	412	0.47	Gas	Gas
243	May	9089C	Hampshire Heights	Hampshire Heights 16C	Northampton	1	Columbia Gas	1320	880	N/A	46864	412	0.47	Gas	Gas
244	May	9089D	Hampshire Heights	Hampshire Heights 16D	Northampton	1	Columbia Gas	1980	1320	N/A	46864	619	0.47	Gas	Gas
245	May	9091A	Hampshire Heights	Hampshire Heights 17A	Northampton	1	Columbia Gas	1980	1320	N/A	54841	724	0.55	Gas	Gas
246	May	9091B	Hampshire Heights	Hampshire Heights 17B	Northampton	1	Columbia Gas	1320	880	N/A	54841	483	0.55	Gas	Gas
247	May	9091C	Hampshire Heights	Hampshire Heights 17C	Northampton	1	Columbia Gas	1320	880	N/A	54841	483	0.55	Gas	Gas
248	May	9091D	Hampshire Heights	Hampshire Heights 17D	Northampton	1	Columbia Gas	1980	1320	N/A	54841	724	0.55	Gas	Gas
249	May	9092A	Hampshire Heights	Hampshire Heights 18A	Northampton	1	Columbia Gas	1980	1320	N/A	58750	775	0.59	Gas	Gas
250	May	9092B	Hampshire Heights	Hampshire Heights 18B	Northampton	1	Columbia Gas	1320	880	N/A	58750	517	0.59	Gas	Gas
251	May	9092C	Hampshire Heights	Hampshire Heights 18C	Northampton	1	Columbia Gas	1320	880	N/A	58750	517	0.59	Gas	Gas
252	May	9092D	Hampshire Heights	Hampshire Heights 18D	Northampton	1	Columbia Gas	1980	1320	N/A	58750	775	0.59	Gas	Gas
253	May	9052A	Hampshire Heights	Hampshire Heights 19A	Northampton	1	Columbia Gas	2121	1414	N/A	46919	663	0.47	Gas	Gas
254	May	9052B	Hampshire Heights	Hampshire Heights 19B	Northampton	1	Columbia Gas	1414	942.6666667	N/A	46919	442	0.47	Gas	Gas
255	May	9052C	Hampshire Heights	Hampshire Heights 19C	Northampton	1	Columbia Gas	1414	942.6666667	N/A	46919	442	0.47	Gas	Gas
256	May	9052D	Hampshire Heights	Hampshire Heights 19D	Northampton	1	Columbia Gas	1414	942.6666667	N/A	46919	442	0.47	Gas	Gas
257	May	9052E	Hampshire Heights	Hampshire Heights 19E	Northampton	1	Columbia Gas	1414	942.6666667	N/A	46919	442	0.47	Gas	Gas
258	May	9052F	Hampshire Heights	Hampshire Heights 19F	Northampton	1	Columbia Gas	2121	1414	N/A	46919	663	0.47	Gas	Gas
259	May	9054A	Hampshire Heights	Hampshire Heights 1A	Northampton	1	Columbia Gas	1980	1320	N/A	41841	552	0.42	Gas	Gas
260	May	9054B	Hampshire Heights	Hampshire Heights 1B	Northampton	1	Columbia Gas	1320	880	N/A	41841	368	0.42	Gas	Gas
261	May	9054C	Hampshire Heights	Hampshire Heights 1C	Northampton	1	Columbia Gas	1320	880	N/A	41841	368	0.42	Gas	Gas
262	May	9054D	Hampshire Heights	Hampshire Heights 1D	Northampton	1	Columbia Gas	1980	1320	N/A	41841	552	0.42	Gas	Gas
263	May	9051A	Hampshire Heights	Hampshire Heights 2A	Northampton	1	Columbia Gas	2121	1414	N/A	38235	541	0.38	Gas	Gas
264	May	9051B	Hampshire Heights	Hampshire Heights 2B	Northampton	1	Columbia Gas	1414	942.6666667	N/A	38235	360	0.38	Gas	Gas
265	May	9051C	Hampshire Heights	Hampshire Heights 2C	Northampton	1	Columbia Gas	1414	942.6666667	N/A	38235	360	0.38	Gas	Gas
266	May	9051D	Hampshire Heights	Hampshire Heights 2D	Northampton	1	Columbia Gas	1414	942.6666667	N/A	38235	360	0.38	Gas	Gas
267	May	9051E	Hampshire Heights	Hampshire Heights 2E	Northampton	1	Columbia Gas	1414	942.6666667	N/A	38235	360	0.38	Gas	Gas
268	May	9051F	Hampshire Heights	Hampshire Heights 2F	Northampton	1	Columbia Gas	2121	1414	N/A	38235	541	0.38	Gas	Gas
269	May	9059A	Hampshire Heights	Hampshire Heights 3A	Northampton	1	Columbia Gas	1980	1320	N/A	37795	499	0.38	Gas	Gas
270	May	9059B	Hampshire Heights	Hampshire Heights 3B	Northampton	1	Columbia Gas	1320	880	N/A	37795	333	0.38	Gas	Gas
271	Jun	9525	Diamond Spring Gardens	1 Beacon Avenue	Lawrence	97	Columbia Gas	77266	77266	9141	55826	43135	0.56	Gas	Gas
272	Jun	7711	Farnham Apartments	211 Farnham Street	Lawrence	3	Columbia Gas	4280	3240	1040	87821	2845	0.88	Gas	Electric
273	Jun	7712	Farnham Apartments	213 Farnham Street	Lawrence	3	Columbia Gas	4280	3240	1040	65686	2128	0.66	Gas	Gas
274	Jun	7713	Farnham Apartments	215 Farnham Street	Lawrence	3	Columbia Gas	4280	3240	1040	63397	2054	0.63	Gas	Electric
275	Jun	7714	Farnham Apartments	217 Farnham Street	Lawrence	2	Columbia Gas	3500	2420	1080	62271	1507	0.62	Gas	Gas
276	Jun	7882	Garden/Newbury	119 Garden Street	Lawrence	2	Columbia Gas	2880	2065	815	60896	1258	0.61	Gas	Gas
277	Jun	8488	Garden/Newbury	121 Garden Street	Lawrence	2	Columbia Gas	2880	2065	815	67081	1385	0.67	Gas	Gas
278	Jun	8489	Garden/Newbury	67 Newbury Street	Lawrence	2	Columbia Gas	2622	1886	736	57165	1078	0.57	Gas	Gas
279	Jun	8490	Garden/Newbury	69 Newbury Street	Lawrence	2	Columbia Gas	2622	1886	736	72367	1365	0.72	Gas	Gas
280	Jun	9059C	Hampshire Heights	Hampshire Heights 3C	Northampton	1	Columbia Gas	1320	880	N/A	38750	341	0.39	Gas	Gas
281	Jun	9059D	Hampshire Heights	Hampshire Heights 3D	Northampton	1	Columbia Gas	1980	1320	N/A	38750	512	0.39	Gas	Gas
282	Jun	9061A	Hampshire Heights	Hampshire Heights 4A	Northampton	1	Columbia Gas	1980	1320	N/A	43341	572	0.43	Gas	Gas
283	Jun	9061B	Hampshire Heights	Hampshire Heights 4B	Northampton	1	Columbia Gas	1320	880	N/A	43341	381	0.43	Gas	Gas
284	Jun	9061C	Hampshire Heights	Hampshire Heights 4C	Northampton	1	Columbia Gas	1320	880	N/A	43341	381	0.43	Gas	Gas
285	Jun	9061D	Hampshire Heights	Hampshire Heights 4D	Northampton	1	Columbia Gas	1980	1320	N/A	43341	572	0.43	Gas	Gas
286	Jun	9063A	Hampshire Heights	Hampshire Heights 5A	Northampton	1	Columbia Gas	1980	1320	N/A	39864	526	0.40	Gas	Gas
287	Jun	9063B	Hampshire Heights	Hampshire Heights 5B	Northampton	1	Columbia Gas	1320	880	N/A	39864	351	0.40	Gas	Gas
288	Jun	9063C	Hampshire Heights	Hampshire Heights 5C	Northampton	1	Columbia Gas	1320	880	N/A	39864	351	0.40	Gas	Gas
289	Jun	9063D	Hampshire Heights	Hampshire Heights 5D	Northampton	1	Columbia Gas	1980	1320	N/A	39864	526	0.40	Gas	Gas
290	Jun	9070A	Hampshire Heights	Hampshire Heights 6A	Northampton	1	Columbia Gas	1980	1320	N/A	29886	395	0.30	Gas	Gas
291	Jun	9070B	Hampshire Heights	Hampshire Heights 6B	Northampton	1	Columbia Gas	1320	880	N/A	29886	263	0.30	Gas	Gas
292	Jun	9070C	Hampshire Heights	Hampshire Heights 6C	Northampton	1	Columbia Gas	1320	880	N/A	29886	263	0.30	Gas	Gas
293	Jun	9070D	Hampshire Heights	Hampshire Heights 6D	Northampton	1	Columbia Gas	1980	1320	N/A	29886	395	0.30	Gas	Gas
294	Jun	9071A	Hampshire Heights	Hampshire Heights 7A	Northampton	1	Columbia Gas	1980	1320	N/A	52909	698	0.53	Gas	Gas
295	Jun	9071B	Hampshire Heights	Hampshire Heights 7B	Northampton	1	Columbia Gas	1320	880	N/A	52909	466	0.53	Gas	Gas

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296	Jun	9071C	Hampshire Heights	Hampshire Heights 7C	Northampton	1	Columbia Gas	1320	880	N/A	52909	466	0.53	Gas	Gas
297	Jun	9071D	Hampshire Heights	Hampshire Heights 7D	Northampton	1	Columbia Gas	1980	1320	N/A	52909	698	0.53	Gas	Gas
298	Jun	9073A	Hampshire Heights	Hampshire Heights 8A	Northampton	1	Columbia Gas	1980	1320	N/A	44227	584	0.44	Gas	Gas
299	Jun	9073B	Hampshire Heights	Hampshire Heights 8B	Northampton	1	Columbia Gas	1320	880	N/A	44227	389	0.44	Gas	Gas
300	Jun	9073C	Hampshire Heights	Hampshire Heights 8C	Northampton	1	Columbia Gas	1320	880	N/A	44227	389	0.44	Gas	Gas
301	Jun	9073D	Hampshire Heights	Hampshire Heights 8D	Northampton	1	Columbia Gas	1980	1320	N/A	44227	584	0.44	Gas	Gas
302	Jun	9074A	Hampshire Heights	Hampshire Heights 9A	Northampton	1	Columbia Gas	1980	1320	N/A	45159	596	0.45	Gas	Gas
303	Jun	9074B	Hampshire Heights	Hampshire Heights 9B	Northampton	1	Columbia Gas	1320	880	N/A	45159	397	0.45	Gas	Gas
304	Jun	9074C	Hampshire Heights	Hampshire Heights 9C	Northampton	1	Columbia Gas	1320	880	N/A	45159	397	0.45	Gas	Gas
305	Jun	9074D	Hampshire Heights	Hampshire Heights 9D	Northampton	1	Columbia Gas	1980	1320	N/A	45159	596	0.45	Gas	Gas
306	Jun	Federal	John L. Sullivan	John L. Sullivan - 13	Springfield	11	Columbia Gas	11200	6720	4480	80720	5400	0.81	Gas	Gas
307	Jun	Federal	John L. Sullivan	John L. Sullivan - 14	Springfield	14	Columbia Gas	15200	9120	6080	80720	7329	0.81	Gas	Gas
308	Jun	Federal	John L. Sullivan	John L. Sullivan - 15	Springfield	14	Columbia Gas	15200	9120	6080	80720	7329	0.81	Gas	Gas
309	Jun	8899	Meadowbrook	1	Northampton	12	Columbia Gas	12019	12019	1093	55934	6723	0.56	Gas	Gas
310	Jun	8902	Meadowbrook	2	Northampton	12	Columbia Gas	14137	14137	1285	55934	7907	0.56	Gas	Gas
311	Jun	8905	Meadowbrook	3	Northampton	12	Columbia Gas	12019	12019	1093	55934	6723	0.56	Gas	Gas
312	Jun	8908	Meadowbrook	5	Northampton	12	Columbia Gas	12019	12019	1093	55934	6723	0.56	Gas	Gas
313	Jun	8927	Meadowbrook	12	Northampton	2	Columbia Gas	2800	2800	0	55934	1566	0.56	Gas	Gas
314	Jun	8928	Meadowbrook	14	Northampton	2	Columbia Gas	2800	2800	0	55934	1566	0.56	Gas	Gas
315	Jun	8929	Meadowbrook	16	Northampton	2	Columbia Gas	2800	2800	0	55934	1566	0.56	Gas	Gas
316	Jun	8930	Meadowbrook	18	Northampton	2	Columbia Gas	2800	2800	0	55934	1566	0.56	Gas	Gas
317	Jun	8932	Meadowbrook	19	Northampton	2	Columbia Gas	2800	2800	0	55934	1566	0.56	Gas	Gas
318	Jun	8937	Meadowbrook	21	Northampton	12	Columbia Gas	13032	13032	1185	55934	7289	0.56	Gas	Gas
319	Jun	8939	Meadowbrook	24	Northampton	12	Columbia Gas	13032	13032	1185	55934	7289	0.56	Gas	Gas
320	Jun	8941	Meadowbrook	25	Northampton	12	Columbia Gas	12694	12694	1154	55934	7100	0.56	Gas	Gas
321	Jun	8943	Meadowbrook	26	Northampton	12	Columbia Gas	13032	13032	1185	55934	7289	0.56	Gas	Gas
322	Jun	8944	Meadowbrook	27	Northampton	12	Columbia Gas	14137	14137	1285	55934	7907	0.56	Gas	Gas
323	Jun	8945	Meadowbrook	28	Northampton	12	Columbia Gas	14137	14137	1285	55934	7907	0.56	Gas	Gas
324	Jun	8946	Meadowbrook	29	Northampton	12	Columbia Gas	14137	14137	1285	55934	7907	0.56	Gas	Gas
325	Jul	7609A	Kent Village	1 North River Road	Scituate	1	Columbia Gas	589	589	0	72500	427	0.73	Gas	Gas
326	Jul	7611A	Kent Village	17 North River Road	Scituate	1	Columbia Gas	1160	1160	0	59500	690	0.60	Gas	Gas
327	Jul	7611B	Kent Village	18 North River Road	Scituate	1	Columbia Gas	928	928	0	59500	552	0.60	Gas	Gas
328	Jul	7611C	Kent Village	19 North River Road	Scituate	1	Columbia Gas	1160	1160	0	59500	690	0.60	Gas	Gas
329	Jul	7609B	Kent Village	2 North River Road	Scituate	1	Columbia Gas	589	589	0	72500	427	0.73	Gas	Gas
330	Jul	7611D	Kent Village	20 North River Road	Scituate	1	Columbia Gas	928	928	0	59500	552	0.60	Gas	Gas
331	Jul	7611E	Kent Village	21 North River Road	Scituate	1	Columbia Gas	928	928	0	59500	552	0.60	Gas	Gas
332	Jul	7611F	Kent Village	22 North River Road	Scituate	1	Columbia Gas	1560	1560	0	59500	928	0.60	Gas	Gas
333	Jul	7612A	Kent Village	23 North River Road	Scituate	1	Columbia Gas	589	589	0	74900	441	0.75	Gas	Gas
334	Jul	7612B	Kent Village	27 North River Road	Scituate	1	Columbia Gas	1160	1160	0	74900	869	0.75	Gas	Gas
335	Jul	7612C	Kent Village	28 North River Road	Scituate	1	Columbia Gas	928	928	0	74900	695	0.75	Gas	Gas
336	Jul	7612D	Kent Village	29 North River Road	Scituate	1	Columbia Gas	928	928	0	74900	695	0.75	Gas	Gas
337	Jul	7609C	Kent Village	3 North River Road	Scituate	1	Columbia Gas	589	589	0	72500	427	0.73	Gas	Gas
338	Jul	7612E	Kent Village	30 North River Road	Scituate	1	Columbia Gas	1160	1160	0	74900	869	0.75	Gas	Gas
339	Jul	7613A	Kent Village	31 North River Road	Scituate	1	Columbia Gas	1160	1160	0	71400	828	0.71	Gas	Gas
340	Jul	7613B	Kent Village	32 North River Road	Scituate	1	Columbia Gas	928	928	0	71400	663	0.71	Gas	Gas
341	Jul	7613C	Kent Village	33 North River Road	Scituate	1	Columbia Gas	1160	1160	0	71400	828	0.71	Gas	Gas
342	Jul	7613D	Kent Village	34 North River Road	Scituate	1	Columbia Gas	928	928	0	71400	663	0.71	Gas	Gas
343	Jul	7613E	Kent Village	35 North River Road	Scituate	1	Columbia Gas	928	928	0	71400	663	0.71	Gas	Gas
344	Jul	7613F	Kent Village	36 North River Road	Scituate	1	Columbia Gas	1560	1560	0	71400	1114	0.71	Gas	Gas
345	Jul	7614A	Kent Village	37 North River Road	Scituate	1	Columbia Gas	1560	1560	0	53100	828	0.53	Gas	Gas
346	Jul	7614B	Kent Village	38 North River Road	Scituate	1	Columbia Gas	928	928	0	53100	493	0.53	Gas	Gas
347	Jul	7614C	Kent Village	39 North River Road	Scituate	1	Columbia Gas	1160	1160	0	53100	616	0.53	Gas	Gas
348	Jul	7609D	Kent Village	4 North River Road	Scituate	1	Columbia Gas	589	589	0	72500	427	0.73	Gas	Gas
349	Jul	7614D	Kent Village	40 North River Road	Scituate	1	Columbia Gas	928	928	0	53100	493	0.53	Gas	Gas
350	Jul	7614E	Kent Village	41 North River Road	Scituate	1	Columbia Gas	928	928	0	53100	493	0.53	Gas	Gas
351	Jul	7614F	Kent Village	42 North River Road	Scituate	1	Columbia Gas	1160	1160	0	53100	616	0.53	Gas	Gas
352	Jul	7614G	Kent Village	43 North River Road	Scituate	1	Columbia Gas	589	589	0	53100	313	0.53	Gas	Gas
353	Jul	7614H	Kent Village	44 North River Road	Scituate	1	Columbia Gas	589	589	0	53100	313	0.53	Gas	Gas
354	Jul	7614I	Kent Village	45 North River Road	Scituate	1	Columbia Gas	589	589	0	53100	313	0.53	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
355	Jul	7614J	Kent Village	46 North River Road	Scituate	1	Columbia Gas	589	589	0	53100	313	0.53	Gas	Gas
356	Jul	7615A	Kent Village	47 North River Road	Scituate	1	Columbia Gas	1160	1160	0	70800	821	0.71	Gas	Gas
357	Jul	7615B	Kent Village	48 North River Road	Scituate	1	Columbia Gas	928	928	0	70800	657	0.71	Gas	Gas
358	Jul	7615C	Kent Village	49 North River Road	Scituate	1	Columbia Gas	1160	1160	0	70800	821	0.71	Gas	Gas
359	Jul	7609E	Kent Village	5 North River Road	Scituate	1	Columbia Gas	928	928	0	72500	673	0.73	Gas	Gas
360	Jul	7615D	Kent Village	50 North River Road	Scituate	1	Columbia Gas	1160	1160	0	70800	821	0.71	Gas	Gas
361	Jul	7615E	Kent Village	51 North River Road	Scituate	1	Columbia Gas	1160	1160	0	70800	821	0.71	Gas	Gas
362	Jul	7615F	Kent Village	52 North River Road	Scituate	1	Columbia Gas	928	928	0	70800	657	0.71	Gas	Gas
363	Jul	7615G	Kent Village	53 North River Road	Scituate	1	Columbia Gas	589	589	0	70800	417	0.71	Gas	Gas
364	Jul	7615H	Kent Village	54 North River Road	Scituate	1	Columbia Gas	589	589	0	70800	417	0.71	Gas	Gas
365	Jul	7615I	Kent Village	55 North River Road	Scituate	1	Columbia Gas	589	589	0	70800	417	0.71	Gas	Gas
366	Jul	7615J	Kent Village	56 North River Road	Scituate	1	Columbia Gas	589	589	0	70800	417	0.71	Gas	Gas
367	Jul	7616A	Kent Village	57 North River Road	Scituate	1	Columbia Gas	589	589	0	68500	403	0.69	Gas	Gas
368	Jul	7616B	Kent Village	58 North River Road	Scituate	1	Columbia Gas	589	589	0	68500	403	0.69	Gas	Gas
369	Jul	7616C	Kent Village	59 North River Road	Scituate	1	Columbia Gas	589	589	0	68500	403	0.69	Gas	Gas
370	Jul	7609F	Kent Village	6 North River Road	Scituate	1	Columbia Gas	1160	1160	0	72500	841	0.73	Gas	Gas
371	Jul	7616D	Kent Village	60 North River Road	Scituate	1	Columbia Gas	589	589	0	68500	403	0.69	Gas	Gas
372	Jul	7616E	Kent Village	61 North River Road	Scituate	1	Columbia Gas	928	928	0	68500	636	0.69	Gas	Gas
373	Jul	7616F	Kent Village	62 North River Road	Scituate	1	Columbia Gas	1160	1160	0	68500	795	0.69	Gas	Gas
374	Jul	7616G	Kent Village	63 North River Road	Scituate	1	Columbia Gas	928	928	0	68500	636	0.69	Gas	Gas
375	Jul	7616H	Kent Village	64 North River Road	Scituate	1	Columbia Gas	1160	1160	0	68500	795	0.69	Gas	Gas
376	Jul	7609G	Kent Village	7 North River Road	Scituate	1	Columbia Gas	928	928	0	72500	673	0.73	Gas	Gas
377	Jul	7609H	Kent Village	8 North River Road	Scituate	1	Columbia Gas	1560	1560	0	72500	1131	0.73	Gas	Gas
378	Jul	10594	Roosevelt Heights	1 Richmond St	Brockton	6	Columbia Gas	5364	5364	0	43704	0	0.44	Gas	Gas
379	Jul	10599	Roosevelt Heights	10 Richmond St	Brockton	5	Columbia Gas	8178	5452	2726	42207	0	0.42	Gas	Gas
380	Jul	10600	Roosevelt Heights	11 Richmond St	Brockton	2	Columbia Gas	3396	2264	1132	36764	0	0.37	Gas	Gas
381	Jul	10601	Roosevelt Heights	12 Richmond St	Brockton	2	Columbia Gas	3396	2264	1132	54630	0	0.55	Gas	Gas
382	Jul	10602	Roosevelt Heights	13 Richmond St	Brockton	4	Columbia Gas	5628	3752	1876	38695	0	0.39	Gas	Gas
383	Jul	10603	Roosevelt Heights	14 Richmond St	Brockton	2	Columbia Gas	3396	2264	1132	51748	0	0.52	Gas	Gas
384	Jul	10605	Roosevelt Heights	15 Richmond St	Brockton	4	Columbia Gas	5760	3840	1920	43098	0	0.43	Gas	Gas
385	Jul	10606	Roosevelt Heights	16 Richmond St	Brockton	4	Columbia Gas	5760	3840	1920	42570	0	0.43	Gas	Gas
386	Jul	10608	Roosevelt Heights	17 Richmond St	Brockton	2	Columbia Gas	3396	2264	1132	39159	0	0.39	Gas	Gas
387	Jul	10609	Roosevelt Heights	18 Richmond St	Brockton	2	Columbia Gas	3396	2264	1132	41813	0	0.42	Gas	Gas
388	Jul	10610	Roosevelt Heights	19 Richmond St	Brockton	4	Columbia Gas	5628	3752	1876	38176	0	0.38	Gas	Gas
389	Jul	10612	Roosevelt Heights	2 Richmond St	Brockton	4	Columbia Gas	5628	3752	1876	37952	0	0.38	Gas	Gas
390	Jul	10613	Roosevelt Heights	20 Richmond St	Brockton	6	Columbia Gas	5364	5364	0	37516	0	0.38	Gas	Gas
391	Jul	10614	Roosevelt Heights	21 Richmond St	Brockton	3	Columbia Gas	4992	3328	1664	48890	0	0.49	Gas	Gas
392	Jul	10615	Roosevelt Heights	22 Richmond St	Brockton	3	Columbia Gas	4992	3328	1664	34611	0	0.35	Gas	Gas
393	Jul	10616	Roosevelt Heights	23 Richmond St	Brockton	3	Columbia Gas	5628	3752	1876	38284	0	0.38	Gas	Gas
394	Jul	10617	Roosevelt Heights	26 Richmond St	Brockton	3	Columbia Gas	5628	3752	1876	29412	0	0.29	Gas	Gas
395	Jul	10620	Roosevelt Heights	27 Richmond St	Brockton	3	Columbia Gas	4992	3328	1664	49899	0	0.50	Gas	Gas
396	Jul	10621	Roosevelt Heights	28 Richmond St	Brockton	3	Columbia Gas	4992	3328	1664	29875	0	0.30	Gas	Gas
397	Jul	10623	Roosevelt Heights	29 Richmond St	Brockton	4	Columbia Gas	5628	3752	1876	39868	0	0.40	Gas	Gas
398	Jul	10624	Roosevelt Heights	31 Richmond St	Brockton	6	Columbia Gas	8046	5364	2682	37960	0	0.38	Gas	Gas
399	Jul	10619	Roosevelt Heights	32 Richmond St	Brockton	3	Columbia Gas	4992	3328	1664	46359	0	0.46	Gas	Gas
400	Jul	10622	Roosevelt Heights	4 Richmond St	Brockton	4	Columbia Gas	5628	3752	1876	37401	0	0.37	Gas	Gas
401	Jul	10627	Roosevelt Heights	5 Richmond St	Brockton	6	Columbia Gas	8046	5364	2682	36638	0	0.37	Gas	Gas
402	Jul	10625	Roosevelt Heights	6 Richmond St	Brockton	2	Columbia Gas	3396	2264	1132	49557	0	0.50	Gas	Gas
403	Jul	10626	Roosevelt Heights	7 Richmond St	Brockton	4	Columbia Gas	5628	3752	1876	42626	0	0.43	Gas	Gas
404	Jul	10630	Roosevelt Heights	8 Richmond St	Brockton	2	Columbia Gas	3396	2264	1132	42252	0	0.42	Gas	Gas
405	Jul	10631	Roosevelt Heights	9 Richmond St	Brockton	5	Columbia Gas	8178	5452	2726	33018	0	0.33	Gas	Gas
406	Aug	2927A	Golden Circle	1 Golden Circle	Brockton	1	Columbia Gas	858	572	286	107186	613	1.07	Gas	Gas
407	Aug	2932A	Golden Circle	10 Golden Circle	Brockton	1	Columbia Gas	858	572	286	107613	615	1.08	Gas	Gas
408	Aug	2932B	Golden Circle	11 Golden Circle	Brockton	1	Columbia Gas	1287	858	429	107613	923	1.08	Gas	Gas
409	Aug	2932C	Golden Circle	12 Golden Circle	Brockton	1	Columbia Gas	858	572	286	107613	615	1.08	Gas	Gas
410	Aug	2930A	Golden Circle	13 Golden Circle	Brockton	1	Columbia Gas	812	541	271	78797	426	0.79	Gas	Gas
411	Aug	2930B	Golden Circle	14 Golden Circle	Brockton	1	Columbia Gas	1218	812	406	78797	640	0.79	Gas	Gas
412	Aug	2930C	Golden Circle	15 Golden Circle	Brockton	1	Columbia Gas	1218	812	406	78797	640	0.79	Gas	Gas
413	Aug	2930D	Golden Circle	16 Golden Circle	Brockton	1	Columbia Gas	812	541	271	78797	426	0.79	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
414	Aug	2931A	Golden Circle	17 Golden Circle	Brockton	1	Columbia Gas	858	572	286	101346	579	1.01	Gas	Gas
415	Aug	2931B	Golden Circle	18 Golden Circle	Brockton	1	Columbia Gas	1287	858	429	101346	869	1.01	Gas	Gas
416	Aug	2931C	Golden Circle	19 Golden Circle	Brockton	1	Columbia Gas	858	572	286	101346	579	1.01	Gas	Gas
417	Aug	2927B	Golden Circle	2 Golden Circle	Brockton	1	Columbia Gas	1287	858	429	107186	919	1.07	Gas	Gas
418	Aug	2927C	Golden Circle	3 Golden Circle	Brockton	1	Columbia Gas	858	572	286	107186	613	1.07	Gas	Gas
419	Aug	2928A	Golden Circle	4 Golden Circle	Brockton	1	Columbia Gas	858	572	286	104128	170	1.04	Gas	Gas
420	Aug	2928B	Golden Circle	5 Golden Circle	Brockton	1	Columbia Gas	1287	858	429	104128	255	1.04	Gas	Gas
421	Aug	2928C	Golden Circle	6 Golden Circle	Brockton	1	Columbia Gas	858	572	286	104128	170	1.04	Gas	Gas
422	Aug	2929A	Golden Circle	7 Golden Circle	Brockton	1	Columbia Gas	858	572	286	111935	640	1.12	Gas	Gas
423	Aug	2929B	Golden Circle	8 Golden Circle	Brockton	1	Columbia Gas	1287	858	429	111935	960	1.12	Gas	Gas
424	Aug	2929C	Golden Circle	9 Golden Circle	Brockton	1	Columbia Gas	858	572	286	111935	640	1.12	Gas	Gas
425	Aug	10883	Highland House	250 Oak Grove Ave	Springfield	42	Columbia Gas	34378	34378	6396	33929	1166	0.34	Gas	Gas
426	Aug	10884	Seniority House	307 Chestnut St	Springfield	167	Columbia Gas	99865	85599	35557	17274	1479	0.17	Electric	Gas
427	Aug	11066A	Walnut-Crowell	12 Crowell St	Brockton	1	Columbia Gas	1872	1872	0	29636	555	0.30	Gas	Gas
428	Aug	11066B	Walnut-Crowell	14 Crowell St	Brockton	1	Columbia Gas	1872	1872	0	29636	555	0.30	Gas	Gas
429	Aug	11065A	Walnut-Crowell	18 Crowell St	Brockton	1	Columbia Gas	801	801	0	59740	342	0.60	Gas	Gas
430	Aug	11065B	Walnut-Crowell	20 Crowell St	Brockton	1	Columbia Gas	534	534	0	59740	228	0.60	Gas	Gas
431	Aug	11068A	Walnut-Crowell	4 Crowell St	Brockton	1	Columbia Gas	624	624	0	112901	705	1.13	Gas	Gas
432	Aug	11064A	Walnut-Crowell	40 Walnut St	Brockton	1	Columbia Gas	624	624	0	75887	474	0.76	Gas	Gas
433	Aug	11064B	Walnut-Crowell	42 Walnut St	Brockton	1	Columbia Gas	624	624	0	75887	474	0.76	Gas	Gas
434	Aug	11063A	Walnut-Crowell	44 Walnut St	Brockton	1	Columbia Gas	624	624	0	118016	736	1.18	Gas	Gas
435	Aug	11063B	Walnut-Crowell	46 Walnut St	Brockton	1	Columbia Gas	624	624	0	118016	736	1.18	Gas	Gas
436	Aug	11062A	Walnut-Crowell	48 Walnut St	Brockton	1	Columbia Gas	801	801	0	52369	419	0.52	Gas	Gas
437	Aug	11062B	Walnut-Crowell	50 Walnut St	Brockton	1	Columbia Gas	534	534	0	52369	280	0.52	Gas	Gas
438	Aug	11061A	Walnut-Crowell	52 Walnut St	Brockton	1	Columbia Gas	624	624	0	124570	777	1.25	Gas	Gas
439	Aug	11061B	Walnut-Crowell	54 Walnut St	Brockton	1	Columbia Gas	624	624	0	124570	777	1.25	Gas	Gas
440	Aug	11060A	Walnut-Crowell	56 Walnut St	Brockton	1	Columbia Gas	1382	1382	0	39612	547	0.40	Gas	Gas
441	Aug	11060B	Walnut-Crowell	58 Walnut St	Brockton	1	Columbia Gas	1382	1382	0	39612	547	0.40	Gas	Gas
442	Aug	11059A	Walnut-Crowell	60 Walnut St	Brockton	1	Columbia Gas	1872	1872	0	35800	670	0.36	Gas	Gas
443	Aug	11059B	Walnut-Crowell	62 Walnut St	Brockton	1	Columbia Gas	1872	1872	0	35800	670	0.36	Gas	Gas
444	Aug	11068B	Walnut-Crowell	8 Crowell St	Brockton	1	Columbia Gas	624	624	0	112901	705	1.13	Gas	Gas
445	Aug	11046B	Washburn Heights	22 1/2 Clifford Ave	Brockton	1	Columbia Gas	1121	747	374	55812	417	0.56	Gas	Gas
446	Aug	11046A	Washburn Heights	22 Clifford Ave	Brockton	1	Columbia Gas	1121	747	374	55812	417	0.56	Gas	Gas
447	Aug	11046D	Washburn Heights	24 1/2 Clifford Ave	Brockton	1	Columbia Gas	1681	1121	560	55812	626	0.56	Gas	Gas
448	Aug	11046C	Washburn Heights	24 Clifford Ave	Brockton	1	Columbia Gas	1681	1121	560	55812	626	0.56	Gas	Gas
449	Aug	11047B	Washburn Heights	26 1/2 Clifford Ave	Brockton	1	Columbia Gas	1121	747	374	58341	436	0.58	Gas	Gas
450	Aug	11047A	Washburn Heights	26 Clifford Ave	Brockton	1	Columbia Gas	1121	747	374	58341	436	0.58	Gas	Gas
451	Aug	11047D	Washburn Heights	28 1/2 Clifford Ave	Brockton	1	Columbia Gas	1681	1121	560	58341	654	0.58	Gas	Gas
452	Aug	11047C	Washburn Heights	28 Clifford Ave	Brockton	1	Columbia Gas	1681	1121	560	58341	654	0.58	Gas	Gas
453	Aug	11048B	Washburn Heights	30 1/2 Clifford Ave	Brockton	1	Columbia Gas	1121	747	374	46444	347	0.46	Gas	Gas
454	Aug	11048A	Washburn Heights	30 Clifford Ave	Brockton	1	Columbia Gas	1121	747	374	46444	347	0.46	Gas	Gas
455	Aug	11048D	Washburn Heights	32 1/2 Clifford Ave	Brockton	1	Columbia Gas	1681	1121	560	46444	521	0.46	Gas	Gas
456	Aug	11048C	Washburn Heights	32 Clifford Ave	Brockton	1	Columbia Gas	1681	1121	560	46444	521	0.46	Gas	Gas
457	Aug	11049B	Washburn Heights	34 1/2 Clifford Ave	Brockton	1	Columbia Gas	1092	728	364	61790	450	0.62	Gas	Gas
458	Aug	11049A	Washburn Heights	34 Clifford Ave	Brockton	1	Columbia Gas	1092	728	364	61790	450	0.62	Gas	Gas
459	Aug	11049D	Washburn Heights	36 1/2 Clifford Ave	Brockton	1	Columbia Gas	1092	728	364	61790	450	0.62	Gas	Gas
460	Aug	11049C	Washburn Heights	36 Clifford Ave	Brockton	1	Columbia Gas	1092	728	364	61790	450	0.62	Gas	Gas
461	Aug	11041B	Washburn Heights	40 1/2 Clifford Ave	Brockton	1	Columbia Gas	1092	728	364	55933	407	0.56	Gas	Gas
462	Aug	11041A	Washburn Heights	40 Clifford Ave	Brockton	1	Columbia Gas	1092	728	364	55933	407	0.56	Gas	Gas
463	Aug	11041D	Washburn Heights	42 1/2 Clifford Ave	Brockton	1	Columbia Gas	1092	728	364	55933	407	0.56	Gas	Gas
464	Aug	11041C	Washburn Heights	42 Clifford Ave	Brockton	1	Columbia Gas	1092	728	364	55933	407	0.56	Gas	Gas
465	Aug	11041F	Washburn Heights	44 1/2 Clifford Ave	Brockton	1	Columbia Gas	1637	1092	546	55933	611	0.56	Gas	Gas
466	Aug	11041E	Washburn Heights	44 Clifford Ave	Brockton	1	Columbia Gas	1637	1092	546	55933	611	0.56	Gas	Gas
467	Aug	11045B	Washburn Heights	963 1/2 North Main St	Brockton	1	Columbia Gas	1567	1044	522	54378	568	0.54	Gas	Gas
468	Aug	11045A	Washburn Heights	963 North Main St	Brockton	1	Columbia Gas	1567	1044	522	54378	568	0.54	Gas	Gas
469	Aug	11045D	Washburn Heights	965 1/2 North Main St	Brockton	1	Columbia Gas	1567	1044	522	54378	568	0.54	Gas	Gas
470	Aug	11045C	Washburn Heights	965 North Main St	Brockton	1	Columbia Gas	1567	1044	522	54378	568	0.54	Gas	Gas
471	Aug	11045F	Washburn Heights	967 1/2 North Main St	Brockton	1	Columbia Gas	1044	696	348	54378	379	0.54	Gas	Gas
472	Aug	11045E	Washburn Heights	967 North Main St	Brockton	1	Columbia Gas	1044	696	348	54378	379	0.54	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
473	Aug	11043B	Washburn Heights	975 1/2 North Main St	Brockton	1	Columbia Gas	1681	1121	560	41242	462	0.41	Gas	Gas
474	Aug	11043A	Washburn Heights	975 North Main St	Brockton	1	Columbia Gas	1681	1121	560	41242	462	0.41	Gas	Gas
475	Aug	11043D	Washburn Heights	977 1/2 North Main St	Brockton	1	Columbia Gas	1121	747	374	41242	308	0.41	Gas	Gas
476	Aug	11043C	Washburn Heights	977 North Main St	Brockton	1	Columbia Gas	1121	747	374	41242	308	0.41	Gas	Gas
477	Aug	11042B	Washburn Heights	979 1/2 North Main St	Brockton	1	Columbia Gas	1121	747	374	54258	405	0.54	Gas	Gas
478	Aug	11042A	Washburn Heights	979 North Main St	Brockton	1	Columbia Gas	1121	747	374	54258	405	0.54	Gas	Gas
479	Aug	11042D	Washburn Heights	981 1/2 North Main St	Brockton	1	Columbia Gas	1681	1121	560	54258	608	0.54	Gas	Gas
480	Aug	11042C	Washburn Heights	981 North Main St	Brockton	1	Columbia Gas	1681	1121	560	54258	608	0.54	Gas	Gas
481	Aug	2926B	Washburn Heights	983 1/2 North Main St	Brockton	1	Columbia Gas	1092	728	364	60745	442	0.61	Gas	Gas
482	Aug	2926A	Washburn Heights	983 North Main St	Brockton	1	Columbia Gas	1092	728	364	60745	442	0.61	Gas	Gas
483	Aug	2926D	Washburn Heights	985 1/2 North Main St	Brockton	1	Columbia Gas	1092	728	364	60745	442	0.61	Gas	Gas
484	Aug	2926C	Washburn Heights	985 North Main St	Brockton	1	Columbia Gas	1092	728	364	60745	442	0.61	Gas	Gas
485	Aug	2926F	Washburn Heights	987 1/2 North Main St	Brockton	1	Columbia Gas	1637	1092	546	60745	663	0.61	Gas	Gas
486	Aug	2926E	Washburn Heights	987 North Main St	Brockton	1	Columbia Gas	1637	1092	546	60745	663	0.61	Gas	Gas
487	Sep	10897A	Amesbury Gardens	101 White St	Lawrence	4	Columbia Gas	2953	2953	13	73288	2164	0.73	Gas	Gas
488	Sep	10897B	Amesbury Gardens	109 White St	Lawrence	4	Columbia Gas	2953	2953	13	73288	2164	0.73	Gas	Gas
489	Sep	10892A	Amesbury Gardens	110 Maple St	Lawrence	4	Columbia Gas	2953	2953	13	73288	2164	0.73	Gas	Gas
490	Sep	10893A	Amesbury Gardens	116 Lawrence St	Lawrence	4	Columbia Gas	2957	2957	17	73288	2167	0.73	Gas	Gas
491	Sep	10897C	Amesbury Gardens	117 White St	Lawrence	4	Columbia Gas	2953	2953	13	73288	2164	0.73	Gas	Gas
492	Sep	10892B	Amesbury Gardens	118 Maple St	Lawrence	4	Columbia Gas	2953	2953	13	73288	2164	0.73	Gas	Gas
493	Sep	10893B	Amesbury Gardens	124 Lawrence St	Lawrence	4	Columbia Gas	2957	2957	17	73288	2167	0.73	Gas	Gas
494	Sep	10897D	Amesbury Gardens	125 White St	Lawrence	4	Columbia Gas	2953	2953	13	73288	2164	0.73	Gas	Gas
495	Sep	10892C	Amesbury Gardens	126 Maple St	Lawrence	4	Columbia Gas	2953	2953	13	73288	2164	0.73	Gas	Gas
496	Sep	10893C	Amesbury Gardens	132 Lawrence St	Lawrence	4	Columbia Gas	2957	2957	17	73288	2167	0.73	Gas	Gas
497	Sep	10892D	Amesbury Gardens	134 Maple St	Lawrence	4	Columbia Gas	2953	2953	13	73288	2164	0.73	Gas	Gas
498	Sep	10894A	Amesbury Gardens	142 Maple St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
499	Sep	10894B	Amesbury Gardens	150 Maple St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
500	Sep	10895A	Amesbury Gardens	158 Maple St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
501	Sep	10896A	Amesbury Gardens	161 White St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
502	Sep	10895B	Amesbury Gardens	166 Maple St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
503	Sep	10896B	Amesbury Gardens	169 White St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
504	Sep	10891A	Amesbury Gardens	174 Maple St	Lawrence	4	Columbia Gas	2967	2967	27	73288	2174	0.73	Gas	Gas
505	Sep	10891B	Amesbury Gardens	182 Maple St	Lawrence	4	Columbia Gas	2967	2967	27	73288	2174	0.73	Gas	Gas
506	Sep	10891C	Amesbury Gardens	190 Maple St	Lawrence	4	Columbia Gas	2967	2967	27	73288	2174	0.73	Gas	Gas
507	Sep	10899A	Amesbury Gardens	240 Amesbury St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
508	Sep	10899B	Amesbury Gardens	248 Amesbury St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
509	Sep	10898A	Amesbury Gardens	71 White St	Lawrence	4	Columbia Gas	3352	3352	167	73288	2456	0.73	Gas	Gas
510	Sep	10898B	Amesbury Gardens	79 White St	Lawrence	4	Columbia Gas	3352	3352	167	73288	2456	0.73	Gas	Gas
511	Sep	10898C	Amesbury Gardens	87 White St	Lawrence	4	Columbia Gas	3352	3352	167	73288	2456	0.73	Gas	Gas
512	Sep	10504A	Davis Commons	Building A - 1	Brockton	12	Columbia Gas	9282	8422	1455	69412	5845	0.69	Gas	Gas
513	Sep	10504B	Davis Commons	Building A - 2	Brockton	12	Columbia Gas	9282	8422	1455	69412	5845	0.69	Gas	Gas
514	Sep	10505A	Davis Commons	Building B - 1	Brockton	5	Columbia Gas	5931	5683	248	62977	3579	0.63	Gas	Gas
515	Sep	10505B	Davis Commons	Building B - 2	Brockton	5	Columbia Gas	5931	5683	248	62977	3579	0.63	Gas	Gas
516	Sep	10505C	Davis Commons	Building B - 3	Brockton	6	Columbia Gas	7117	6820	297	62977	4295	0.63	Gas	Gas
517	Sep	10506A	Davis Commons	Building C - 1	Brockton	8	Columbia Gas	8676	8332	740	77008	6416	0.77	Gas	Gas
518	Sep	10506B	Davis Commons	Building C - 2	Brockton	8	Columbia Gas	8676	8332	740	77008	6416	0.77	Gas	Gas
519	Sep	10506C	Davis Commons	Building C - 3	Brockton	8	Columbia Gas	8676	8332	740	77008	6416	0.77	Gas	Gas
520	Sep	10506D	Davis Commons	Building C - 4	Brockton	8	Columbia Gas	8676	8332	740	77008	6416	0.77	Gas	Gas
521	Sep	10506E	Davis Commons	Building C - 5	Brockton	8	Columbia Gas	8676	8332	740	77008	6416	0.77	Gas	Gas
522	Sep	10507A	Davis Commons	Building D - 1	Brockton	8	Columbia Gas	8676	8332	740	71791	5982	0.72	Gas	Gas
523	Sep	10507B	Davis Commons	Building D - 2	Brockton	8	Columbia Gas	8676	8332	740	71791	5982	0.72	Gas	Gas
524	Sep	10507C	Davis Commons	Building D - 3	Brockton	8	Columbia Gas	8676	8332	740	71791	5982	0.72	Gas	Gas
525	Sep	10507D	Davis Commons	Building D - 4	Brockton	8	Columbia Gas	8676	8332	740	71791	5982	0.72	Gas	Gas
526	Sep	10507E	Davis Commons	Building D - 5	Brockton	8	Columbia Gas	8676	8332	740	71791	5982	0.72	Gas	Gas
527	Sep	10508A	Davis Commons	Building E - 1	Brockton	8	Columbia Gas	8676	8332	740	74999	6249	0.75	Gas	Gas
528	Sep	10508B	Davis Commons	Building E - 2	Brockton	8	Columbia Gas	8676	8332	740	74999	6249	0.75	Gas	Gas
529	Sep	10508C	Davis Commons	Building E - 3	Brockton	8	Columbia Gas	8676	8332	740	74999	6249	0.75	Gas	Gas
530	Sep	10508D	Davis Commons	Building E - 4	Brockton	8	Columbia Gas	8676	8332	740	74999	6249	0.75	Gas	Gas
531	Sep	10508E	Davis Commons	Building E - 5	Brockton	8	Columbia Gas	8676	8332	740	74999	6249	0.75	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
532	Sep	10509A	Davis Commons	Building F - 1	Brockton	8	Columbia Gas	43381	41660	3702	73979	30820	0.74	Gas	Gas
533	Sep	10509B	Davis Commons	Building F - 2	Brockton	8	Columbia Gas	8676	8332	740	73979	6164	0.74	Gas	Gas
534	Sep	10509C	Davis Commons	Building F - 3	Brockton	8	Columbia Gas	8676	8332	740	73979	6164	0.74	Gas	Gas
535	Sep	10509D	Davis Commons	Building F - 4	Brockton	8	Columbia Gas	8676	8332	740	73979	6164	0.74	Gas	Gas
536	Sep	10509E	Davis Commons	Building F - 5	Brockton	8	Columbia Gas	8676	8332	740	73979	6164	0.74	Gas	Gas
537	Sep	10559	Macdonald Way (FED)	Building C	Pembroke	9	Columbia Gas	5600	5600	900	74863	4192	0.75	Gas	Gas
538	Sep	10542	Maple Lane (FED)	101 Maple Lane	Medway	1	Columbia Gas	1500	1500	0	114382	1716	1.14	Gas	Gas
539	Sep	10540A	Maple Lane (FED)	102 Maple Lane	Medway	1	Columbia Gas	1205	1205	0	84174	1014	0.84	Gas	Gas
540	Sep	10541A	Maple Lane (FED)	103 Maple Lane	Medway	1	Columbia Gas	1188	1188	0	49918	593	0.50	Gas	Gas
541	Sep	10540B	Maple Lane (FED)	104 Maple Lane	Medway	1	Columbia Gas	1205	1205	0	84174	1014	0.84	Gas	Gas
542	Sep	10541B	Maple Lane (FED)	105 Maple Lane	Medway	1	Columbia Gas	1188	1188	0	49918	593	0.50	Gas	Gas
543	Sep	10539	Maple Lane (FED)	106 Maple Lane	Medway	1	Columbia Gas	1500	1500	0	47882	718	0.48	Gas	Gas
544	Sep	10535A	Maple Lane (FED)	107 Maple Lane	Medway	1	Columbia Gas	844	844	0	69708	588	0.70	Gas	Gas
545	Sep	10538A	Maple Lane (FED)	108 Maple Lane	Medway	1	Columbia Gas	1171	1171	0	63165	740	0.63	Gas	Gas
546	Sep	10535B	Maple Lane (FED)	109 Maple Lane	Medway	1	Columbia Gas	844	844	0	69708	588	0.70	Gas	Gas
547	Sep	10538B	Maple Lane (FED)	110 Maple Lane	Medway	1	Columbia Gas	1171	1171	0	63165	740	0.63	Gas	Gas
548	Sep	10535C	Maple Lane (FED)	111 Maple Lane	Medway	1	Columbia Gas	844	844	0	69708	588	0.70	Gas	Gas
549	Sep	10537	Maple Lane (FED)	112 Maple Lane	Medway	1	Columbia Gas	1500	1500	0	50369	756	0.50	Gas	Gas
550	Sep	10535D	Maple Lane (FED)	113 Maple Lane	Medway	1	Columbia Gas	844	844	0	69708	588	0.70	Gas	Gas
551	Sep	10534A	Maple Lane (FED)	114 Maple Lane	Medway	1	Columbia Gas	840	840	0	77205	649	0.77	Gas	Gas
552	Sep	10535E	Maple Lane (FED)	115 Maple Lane	Medway	1	Columbia Gas	844	844	0	69708	588	0.70	Gas	Gas
553	Sep	10534B	Maple Lane (FED)	116 Maple Lane	Medway	1	Columbia Gas	840	840	0	77205	649	0.77	Gas	Gas
554	Sep	10535F	Maple Lane (FED)	117 Maple Lane	Medway	1	Columbia Gas	844	844	0	69708	588	0.70	Gas	Gas
555	Sep	10534C	Maple Lane (FED)	118 Maple Lane	Medway	1	Columbia Gas	840	840	0	77205	649	0.77	Gas	Gas
556	Sep	10535G	Maple Lane (FED)	119 Maple Lane	Medway	1	Columbia Gas	844	844	0	69708	588	0.70	Gas	Gas
557	Sep	10534D	Maple Lane (FED)	120 Maple Lane	Medway	1	Columbia Gas	840	840	0	77205	649	0.77	Gas	Gas
558	Sep	10534E	Maple Lane (FED)	122 Maple Lane	Medway	1	Columbia Gas	840	840	0	77205	649	0.77	Gas	Gas
559	Sep	10536A	Maple Lane (FED)	123 Maple Lane	Medway	1	Columbia Gas	843	843	0	70110	591	0.70	Gas	Gas
560	Sep	10534F	Maple Lane (FED)	124 Maple Lane	Medway	1	Columbia Gas	840	840	0	77205	649	0.77	Gas	Gas
561	Sep	10536B	Maple Lane (FED)	125 Maple Lane	Medway	1	Columbia Gas	843	843	0	70110	591	0.70	Gas	Gas
562	Sep	10536C	Maple Lane (FED)	127 Maple Lane	Medway	1	Columbia Gas	843	843	0	70110	591	0.70	Gas	Gas
563	Sep	10536D	Maple Lane (FED)	129 Maple Lane	Medway	1	Columbia Gas	843	843	0	70110	591	0.70	Gas	Gas
564	Sep	10536E	Maple Lane (FED)	131 Maple Lane	Medway	1	Columbia Gas	843	843	0	70110	591	0.70	Gas	Gas
565	Sep	10536F	Maple Lane (FED)	133 Maple Lane	Medway	1	Columbia Gas	843	843	0	70110	591	0.70	Gas	Gas
566	Sep	10536G	Maple Lane (FED)	135 Maple Lane	Medway	1	Columbia Gas	843	843	0	70110	591	0.70	Gas	Gas
567	Sep	10536H	Maple Lane (FED)	137 Maple Lane	Medway	1	Columbia Gas	843	843	0	70110	591	0.70	Gas	Gas
568	Oct	10906A	Amesbury Gardens	130 Amesbury St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
569	Oct	10906B	Amesbury Gardens	138 Amesbury St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
570	Oct	10901A	Amesbury Gardens	141 White St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
571	Oct	10901B	Amesbury Gardens	149 White St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
572	Oct	10904A	Amesbury Gardens	150 Amesbury St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
573	Oct	10904B	Amesbury Gardens	158 Amesbury St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
574	Oct	10903A	Amesbury Gardens	170 Amesbury St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
575	Oct	10903B	Amesbury Gardens	178 Amesbury St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
576	Oct	10902A	Amesbury Gardens	190 Amesbury St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
577	Oct	10902B	Amesbury Gardens	198 Amesbury St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
578	Oct	10913	Amesbury Gardens	206-208 Amesbury St	Lawrence	1	Columbia Gas	2270	2270	50	110131	2500	1.10	Gas	Gas
579	Oct	10900A	Amesbury Gardens	210 Amesbury St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
580	Oct	10900B	Amesbury Gardens	218 Amesbury St	Lawrence	4	Columbia Gas	2725	2725	25	73288	1997	0.73	Gas	Gas
581	Oct	10905A	Amesbury Gardens	41 Amesbury St	Lawrence	4	Columbia Gas	2967	2967	27	73288	2174	0.73	Gas	Gas
582	Oct	10905B	Amesbury Gardens	49 Amesbury St	Lawrence	4	Columbia Gas	2967	2967	27	73288	2174	0.73	Gas	Gas
583	Oct	10905C	Amesbury Gardens	57 Amesbury St	Lawrence	4	Columbia Gas	2967	2967	27	73288	2174	0.73	Gas	Gas
584	Oct	11459	Hampton Court	Hampton Court Main Building	Northampton	64	Columbia Gas	95509	95509	27185	33294	31795	0.33	Gas	Gas
585	Oct	11235	Mystic Street 24	Offices	Methuen	1	Columbia Gas	3950	3950	3900	47771	1887	0.48	Electric	Electric
586	Oct	11495A	North, East, West Park Street	11 W. Park St.	Franklin	1	Columbia Gas	1377	918	459	19237	177	0.19	Oil	Gas
587	Oct	11495B	North, East, West Park Street	13 W. Park St.	Franklin	1	Columbia Gas	1377	918	459	19237	177	0.19	Oil	Gas
588	Oct	11494A	North, East, West Park Street	17 W. Park St.	Franklin	1	Columbia Gas	1377	918	459	22943	211	0.23	Oil	Gas
589	Oct	11494B	North, East, West Park Street	19 W. Park St.	Franklin	1	Columbia Gas	1377	918	459	22943	211	0.23	Oil	Gas
590	Oct	11493A	North, East, West Park Street	23 W. Park St.	Franklin	1	Columbia Gas	1377	918	459	17714	163	0.18	Oil	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
591	Oct	11493B	North, East, West Park Street	25 W. Park St.	Franklin	1	Columbia Gas	1377	918	459	17714	163	0.18	Oil	Gas
592	Oct	11491A	North, East, West Park Street	29 W. Park St.	Franklin	1	Columbia Gas	1377	918	459	30454	280	0.30	Oil	Gas
593	Oct	11498A	North, East, West Park Street	30 N. Park St.	Franklin	1	Columbia Gas	1377	918	459	29243	268	0.29	Oil	Gas
594	Oct	11491B	North, East, West Park Street	31 W. Park St.	Franklin	1	Columbia Gas	1377	918	459	30454	280	0.30	Oil	Gas
595	Oct	11498B	North, East, West Park Street	32 N. Park St.	Franklin	1	Columbia Gas	1377	918	459	29243	268	0.29	Oil	Gas
596	Oct	11490A	North, East, West Park Street	35 W. Park St.	Franklin	1	Columbia Gas	1377	918	459	27166	249	0.27	Oil	Gas
597	Oct	11497A	North, East, West Park Street	36 N. Park St.	Franklin	1	Columbia Gas	1377	918	459	13070	120	0.13	Oil	Gas
598	Oct	11490B	North, East, West Park Street	37 W. Park St.	Franklin	1	Columbia Gas	1377	918	459	27166	249	0.27	Oil	Gas
599	Oct	11497B	North, East, West Park Street	38 N. Park St.	Franklin	1	Columbia Gas	1377	918	459	13070	120	0.13	Oil	Gas
600	Oct	11499A	North, East, West Park Street	4 E. Park St.	Franklin	1	Columbia Gas	1377	918	459	18364	169	0.18	Oil	Gas
601	Oct	11496A	North, East, West Park Street	5 W. Park St.	Franklin	1	Columbia Gas	1377	918	459	31749	291	0.32	Oil	Gas
602	Oct	11499B	North, East, West Park Street	6 E. Park St.	Franklin	1	Columbia Gas	1377	918	459	18364	169	0.18	Oil	Gas
603	Oct	11496B	North, East, West Park Street	7 W. Park St.	Franklin	1	Columbia Gas	1377	918	459	31749	291	0.32	Oil	Gas
604	Oct	11489A	Prospect Street	45 Prospect St	East Bridgewater	1	Columbia Gas	2071	1775	296	22886	406	0.23	Gas	Gas
605	Oct	11489B	Prospect Street	55 Prospect St	East Bridgewater	1	Columbia Gas	2071	1775	296	22886	406	0.23	Gas	Gas
606	Oct	11486A	Prospect Street	64 Prospect St	East Bridgewater	1	Columbia Gas	2340	1755	585	30880	542	0.31	Gas	Gas
607	Oct	11487A	Prospect Street	65 Prospect St	East Bridgewater	1	Columbia Gas	2340	1755	585	20044	352	0.20	Gas	Gas
608	Oct	11486B	Prospect Street	74 Prospect St	East Bridgewater	1	Columbia Gas	2340	1755	585	30880	542	0.31	Gas	Gas
609	Oct	11487B	Prospect Street	75 Prospect St	East Bridgewater	1	Columbia Gas	2340	1755	585	20044	352	0.20	Gas	Gas
610	Oct	11500	The Lorraine	The Lorraine	Northampton	28	Columbia Gas	13480	10280	5200	55223	5677	0.55	Gas	Gas
611	Oct	10939	Valley King Street LLC.	96-98 King Street	Northampton	10	Columbia Gas	6009	6009	2209	26652	1601	0.27	Gas	Gas
612	Oct	11505A	Veterans	21 Baldwin St	North Andover	1	Columbia Gas	1260	840	420	58888	495	0.59	Gas	Gas
613	Oct	11505B	Veterans	21A Baldwin St	North Andover	1	Columbia Gas	1260	840	420	58888	495	0.59	Gas	Gas
614	Oct	11505C	Veterans	23 Baldwin St	North Andover	1	Columbia Gas	1260	840	420	58888	495	0.59	Gas	Gas
615	Oct	11502A	Veterans	23 Francis St	North Andover	1	Columbia Gas	1470	980	490	44193	433	0.44	Gas	Gas
616	Oct	11505D	Veterans	23A Baldwin St	North Andover	1	Columbia Gas	1260	840	420	58888	495	0.59	Gas	Gas
617	Oct	11502B	Veterans	23A Francis St	North Andover	1	Columbia Gas	1470	980	490	44193	433	0.44	Gas	Gas
618	Oct	11506A	Veterans	25 Baldwin St	North Andover	1	Columbia Gas	1008	672	336	52002	349	0.52	Gas	Gas
619	Oct	11502C	Veterans	25 Francis St	North Andover	1	Columbia Gas	1470	980	490	44193	433	0.44	Gas	Gas
620	Oct	11506B	Veterans	25A Baldwin St	North Andover	1	Columbia Gas	1512	1008	504	52002	524	0.52	Gas	Gas
621	Oct	11502D	Veterans	25A Francis St	North Andover	1	Columbia Gas	1470	980	490	44193	433	0.44	Gas	Gas
622	Oct	11506C	Veterans	27 Baldwin St	North Andover	1	Columbia Gas	1512	1008	504	52002	524	0.52	Gas	Gas
623	Oct	11503A	Veterans	27 Francis St	North Andover	1	Columbia Gas	1260	840	420	39825	335	0.40	Gas	Gas
624	Oct	11506D	Veterans	27A Baldwin St	North Andover	1	Columbia Gas	1008	672	336	52002	349	0.52	Gas	Gas
625	Oct	11503B	Veterans	27A Francis St	North Andover	1	Columbia Gas	1260	840	420	39825	335	0.40	Gas	Gas
626	Oct	11507A	Veterans	29 Baldwin St	North Andover	1	Columbia Gas	1260	840	420	48512	407	0.49	Gas	Gas
627	Oct	11503C	Veterans	29 Francis St	North Andover	1	Columbia Gas	1260	840	420	39825	335	0.40	Gas	Gas
628	Oct	11503D	Veterans	29A Francis St	North Andover	1	Columbia Gas	1260	840	420	39825	335	0.40	Gas	Gas
629	Oct	11504A	Veterans	31 Francis St	North Andover	1	Columbia Gas	1260	840	420	59263	498	0.59	Gas	Gas
630	Oct	11504B	Veterans	31A Francis St	North Andover	1	Columbia Gas	1260	840	420	59263	498	0.59	Gas	Gas
631	Oct	11504C	Veterans	33 Francis St	North Andover	1	Columbia Gas	1260	840	420	59263	498	0.59	Gas	Gas
632	Oct	11504D	Veterans	33A Francis St	North Andover	1	Columbia Gas	1260	840	420	59263	498	0.59	Gas	Gas
633	Oct	11501A	Walnut Street	18 Walnut Street	Franklin	1	Columbia Gas	1540	1540	385	28243	435	0.28	Gas	Gas
634	Oct	11501B	Walnut Street	20 Walnut Street	Franklin	1	Columbia Gas	1540	1540	385	28243	435	0.28	Gas	Gas
635	Oct	11049F	Washburn Heights	38 1/2 Clifford Ave	Brockton	1	Columbia Gas	1637	1092	546	61790	674	0.62	Gas	Gas
636	Oct	11049E	Washburn Heights	38 Clifford Ave	Brockton	1	Columbia Gas	1637	1092	546	61790	674	0.62	Gas	Gas
637	Oct	11044B	Washburn Heights	969 1/2 North Main St	Brockton	1	Columbia Gas	1092	728	364	67603	492	0.68	Gas	Gas
638	Oct	11044A	Washburn Heights	969 North Main St	Brockton	1	Columbia Gas	1092	728	364	67603	492	0.68	Gas	Gas
639	Oct	11044D	Washburn Heights	971 1/2 North Main St	Brockton	1	Columbia Gas	1092	728	364	67603	492	0.68	Gas	Gas
640	Oct	11044C	Washburn Heights	971 North Main St	Brockton	1	Columbia Gas	1092	728	364	67603	492	0.68	Gas	Gas
641	Oct	11044F	Washburn Heights	973 1/2 North Main St	Brockton	1	Columbia Gas	1637	1092	546	67603	738	0.68	Gas	Gas
642	Oct	11044E	Washburn Heights	973 North Main St	Brockton	1	Columbia Gas	1637	1092	546	67603	738	0.68	Gas	Gas
643	Nov	9534A	70-74 Grenada Terrace	70 Grenada Terrace	Springfield	8	Columbia Gas	11016	8816	3516	29816	2629	0.30	Electric	Gas
644	Nov	9534B	70-74 Grenada Terrace	74 Grenada Terrace	Springfield	8	Columbia Gas	11016	8816	3516	29816	2629	0.30	Electric	Gas
645	Nov	3460	775 Springfield Street	10 Springfield St	Agawam	4	Columbia Gas	5208	3472	1736	15947	554	0.16	Gas	Gas
646	Nov	3459	775 Springfield Street	11 Springfield St	Agawam	4	Columbia Gas	5208	3472	1736	13082	454	0.13	Gas	Gas
647	Nov	3458	775 Springfield Street	12 Springfield St	Agawam	4	Columbia Gas	5208	3472	1736	10625	369	0.11	Gas	Gas
648	Nov	3420	Brady Village	775 Springfield St - 2	Agawam	3	Columbia Gas	4860	3240	1620	43311	1403	0.43	Gas	Gas
649	Nov	3465	Brady Village	775 Springfield Street - 6	Agawam	3	Columbia Gas	4860	3240	1620	23077	748	0.23	Gas	Gas

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650	Nov	3464	Brady Village	775 Springfield Street - 7	Agawam	4	Columbia Gas	4860	3240	1620	25738	834	0.26	Gas	Gas
651	Nov	1362	Brockton Apts	106 Main Street	Brockton	61	Columbia Gas	69240	57240	27000	32162	18408	0.32	Gas	Gas
652	Nov	8922	Meadowbrook	8	Northampton	2	Columbia Gas	2756	2756	0	55934	1542	0.56	Gas	Gas
653	Nov	8924	Meadowbrook	9	Northampton	2	Columbia Gas	2756	2756	0	55934	1542	0.56	Gas	Gas
654	Nov	8925	Meadowbrook	10	Northampton	2	Columbia Gas	2756	2756	0	55934	1542	0.56	Gas	Gas
655	Nov	8926	Meadowbrook	11	Northampton	2	Columbia Gas	2756	2756	0	55934	1542	0.56	Gas	Gas
656	Nov	8933	Meadowbrook	13	Northampton	2	Columbia Gas	2756	2756	0	55934	1542	0.56	Gas	Gas
657	Nov	8934	Meadowbrook	15	Northampton	2	Columbia Gas	2756	2756	0	55934	1542	0.56	Gas	Gas
658	Nov	8935	Meadowbrook	17	Northampton	2	Columbia Gas	2756	2756	0	55934	1542	0.56	Gas	Gas
659	Nov	8936	Meadowbrook	20	Northampton	12	Columbia Gas	12019	12019	1093	55934	6723	0.56	Gas	Gas
660	Nov	8938	Meadowbrook	23	Northampton	12	Columbia Gas	12019	12019	1093	55934	6723	0.56	Gas	Gas
661	Nov	8906	Meadowbrook	4L	Northampton	12	Columbia Gas	12019	12019	1093	55934	6723	0.56	Gas	Gas
662	Nov	8907	Meadowbrook	4R	Northampton	12	Columbia Gas	12019	12019	1093	55934	6723	0.56	Gas	Gas
663	Nov	8918	Meadowbrook	6L	Northampton	12	Columbia Gas	12019	12019	1093	55934	6723	0.56	Gas	Gas
664	Nov	8919	Meadowbrook	6R	Northampton	12	Columbia Gas	12019	12019	1093	55934	6723	0.56	Gas	Gas
665	Nov	8920	Meadowbrook	7L	Northampton	12	Columbia Gas	12019	12019	1093	55934	6723	0.56	Gas	Gas
666	Nov	8921	Meadowbrook	7R	Northampton	12	Columbia Gas	12019	12019	1093	55934	6723	0.56	Gas	Gas
667	Nov	1658	Neighborhood Homes	103/105 Albermarle Street	Springfield	3	Columbia Gas	4360	3219	293	88599	2852	0.89	Gas	Gas
668	Nov	1664	Neighborhood Homes	109/111 Cambridge Street	Springfield	2	Columbia Gas	5018	3699	336	72939	2698	0.73	Gas	Gas
669	Nov	1676	Neighborhood Homes	14/16 Gunn Square	Springfield	2	Columbia Gas	4315	3181	289	64634	2056	0.65	Gas	Gas
670	Nov	1678	Neighborhood Homes	17 Kenyon Street	Springfield	3	Columbia Gas	5961	4584	417	95375	4372	0.95	Gas	Gas
671	Nov	1668	Neighborhood Homes	19 Dawes Street	Springfield	2	Columbia Gas	4359	3287	299	57378	1886	0.57	Gas	Gas
672	Nov	1662	Neighborhood Homes	19/21 Cambridge Street	Springfield	2	Columbia Gas	4543	3295	300	94689	3120	0.95	Gas	Gas
673	Nov	1685	Neighborhood Homes	34 Norfolk Street	Springfield	3	Columbia Gas	4760	3530	321	30453	1075	0.30	Gas	Gas
674	Nov	1682	Neighborhood Homes	39/41 Middlesex Street	Springfield	2	Columbia Gas	5186	3842	349	71760	2757	0.72	Gas	Gas
675	Nov	1680	Neighborhood Homes	42/44 Marlborough Street	Springfield	2	Columbia Gas	3005	2069	188	94103	1947	0.94	Gas	Gas
676	Nov	1683	Neighborhood Homes	55/57 Middlesex Street	Springfield	3	Columbia Gas	4632	3432	312	99038	3399	0.99	Gas	Gas
677	Nov	1692	Neighborhood Homes	55/57 Reed Street	Springfield	3	Columbia Gas	4967	3842	349	78761	3026	0.79	Gas	Gas
678	Nov	1673	Neighborhood Homes	65/67 Dearborn Street	Springfield	2	Columbia Gas	4208	3102	282	98711	3062	0.99	Gas	Gas
679	Nov	1671	Neighborhood Homes	74 Dawes Street	Springfield	2	Columbia Gas	3158	2171	197	110778	2405	1.11	Gas	Gas
680	Nov	1681	Neighborhood Homes	95/97 Marlborough Street	Springfield	2	Columbia Gas	3487	2407	219	188949	4548	1.89	Gas	Gas
681	Nov	1665	Neighborhood Homes	99/100 Cambridge Street	Springfield	2	Columbia Gas	4556	3375	307	301333	10170	3.01	Gas	Gas
682	Nov	11513A	North, East, West Park Street	10 E. Park St.	Franklin	1	Columbia Gas	1377	918	459	15799	145	0.16	Oil	Gas
683	Nov	11513B	North, East, West Park Street	12 E. Park St.	Franklin	1	Columbia Gas	1377	918	459	15799	145	0.16	Oil	Gas
684	Nov	11514A	North, East, West Park Street	16 E. Park St.	Franklin	1	Columbia Gas	1377	918	459	27005	248	0.27	Oil	Gas
685	Nov	11514B	North, East, West Park Street	18 E. Park St.	Franklin	1	Columbia Gas	1377	918	459	27005	248	0.27	Oil	Gas
686	Nov	11515A	North, East, West Park Street	22 E. Park St.	Franklin	1	Columbia Gas	1377	918	459	20256	186	0.20	Oil	Gas
687	Nov	11515B	North, East, West Park Street	24 E. Park St.	Franklin	1	Columbia Gas	1377	918	459	20256	186	0.20	Oil	Gas
688	Nov	11516A	North, East, West Park Street	28 E. Park St.	Franklin	1	Columbia Gas	1377	918	459	18791	172	0.19	Oil	Gas
689	Nov	11516B	North, East, West Park Street	30 E. Park St.	Franklin	1	Columbia Gas	1377	918	459	18791	172	0.19	Oil	Gas
690	Nov	11517A	North, East, West Park Street	34 E. Park St.	Franklin	1	Columbia Gas	1377	918	459	18789	172	0.19	Oil	Gas
691	Nov	11517B	North, East, West Park Street	36 E. Park St.	Franklin	1	Columbia Gas	1377	918	459	18789	172	0.19	Oil	Gas
692	Nov	Federal	Plante Circle	Stonina/Plante - 50	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
693	Nov	Federal	Plante Circle	Stonina/Plante - 51	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
694	Nov	Federal	Plante Circle	Stonina/Plante - 52	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
695	Nov	Federal	Plante Circle	Stonina/Plante - 53	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
696	Nov	Federal	Plante Circle	Stonina/Plante - 54	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
697	Nov	Federal	Plante Circle	Stonina/Plante - 55	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
698	Nov	Federal	Plante Circle	Stonina/Plante - 56	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
699	Nov	Federal	Plante Circle	Stonina/Plante - 57	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
700	Nov	Federal	Plante Circle	Stonina/Plante - 58	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
701	Nov	Federal	Plante Circle	Stonina/Plante - 59	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
702	Nov	Federal	Plante Circle	Stonina/Plante - 60	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
703	Nov	Federal	Plante Circle	Stonina/Plante - 61	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
704	Nov	Federal	Plante Circle	Stonina/Plante - 62	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
705	Nov	Federal	Plante Circle	Stonina/Plante - 63	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
706	Nov	Federal	Plante Circle	Stonina/Plante - 64	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
707	Nov	Federal	Plante Circle	Stonina/Plante - 65	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
708	Nov	Federal	Plante Circle	Stonina/Plante - 66	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
709	Nov	6651	Quadrangle Court	114-118 Byers St	Springfield	33	Columbia Gas	39850	32850	12204	65788	21612	0.66	Gas	Gas
710	Nov	8551	Reviviendo Family Housing LLC	103-105 Haverhill Street	Lawrence	4	Columbia Gas	6254	4342	1912	58331	2533	0.58	Gas	Gas
711	Nov	7892	Union Crossing	50 Island Street	Lawrence	60	Columbia Gas	92260	73808	36904	23330	17219	0.23	Gas	Gas
712	Nov	11507B	Veterans	29A Baldwin St	North Andover	1	Columbia Gas	1260	840	420	48512	407	0.49	Gas	Gas
713	Nov	11507C	Veterans	31 Baldwin St	North Andover	1	Columbia Gas	1260	840	420	48512	407	0.49	Gas	Gas
714	Nov	11507D	Veterans	31A Baldwin St	North Andover	1	Columbia Gas	1260	840	420	48512	407	0.49	Gas	Gas
715	Nov	11527A	Walnut Street	14 Walnut St.	Franklin	1	Columbia Gas	1540	1540	385	28700	442	0.29	Gas	Gas
716	Nov	11527B	Walnut Street	16 Walnut St.	Franklin	1	Columbia Gas	1540	1540	385	28700	442	0.29	Gas	Gas
717	Nov	11526	Walnut Street	22 Walnut Ave	Franklin	1	Columbia Gas	908	908	0	38550	350	0.39	Gas	Gas
718	Dec	1374	Rita Hall Apartments	490 Hamshire Street	Lawrence	90	Columbia Gas	84672	75751	38172	37130	28126	0.37	Gas	Gas
719	Dec	1434	Pynchon/Edgewater Apartments	Hi-Rise	Springfield	362	Columbia Gas	162350	162350	0	35190	57131	0.35	Gas	Gas
720	Dec	5056	Reviviendo Family Housing LLC	10 Jackson Terrace	Lawrence	2	Columbia Gas	4545	3330	2115	63858	2126	0.64	Gas	Gas
721	Dec	8550	Reviviendo Family Housing LLC	60-62 Newbury Street	Lawrence	6	Columbia Gas	9858	7428	2430	65011	4829	0.65	Gas	Gas
722	Dec	8552	Reviviendo Family Housing LLC	105-113 Newbury Street	Lawrence	5	Columbia Gas	5330	4780	550	48617	2324	0.49	Gas	Gas
723	Dec	8594	Birch Park Circle	19-21 Birch Park Circle	West Springfield	2	Columbia Gas	2592	1728	864	69213	1196	0.69	Gas	Gas
724	Dec	8601	Birch Park Circle	47L-47R Birch Park Circle	West Springfield	2	Columbia Gas	2964	1976	1008	67718	1338	0.68	Gas	Gas
725	Dec	8602	Birch Park Circle	48L-48R Birch Park Circle	West Springfield	2	Columbia Gas	2964	1976	1008	69861	1380	0.70	Gas	Gas
726	Dec	8695	Trinity Village	Office Building	Brockton	1	Columbia Gas	5450	5450	5400	33735	1839	0.34	Gas	Gas
727	Dec	9542	New Court Terrace	68 - 70 Byers St	Springfield	8	Columbia Gas	9480	9480	3550	100842	9560	1.01	Gas	Gas
728	Dec	9543	New Court Terrace	76 Byers St	Springfield	8	Columbia Gas	15150	15150	5673	58123	8805	0.58	Gas	Gas
729	Dec	9544	New Court Terrace	84, 86, 88 Byers St	Springfield	29	Columbia Gas	17150	17150	6484	84691	14524	0.85	Gas	Gas
730	Dec	10223	Hanover Woods	Hanover Woods	Hanover	60	Columbia Gas	60540	60540	0	48629	29441	0.49	Gas	Gas
731	Dec	10380	Mahan Circle (FED)	600 Mahan Circle	Medway	70	Columbia Gas	38377	37577	9924	59204	0	0.59	Gas	Gas
732	Dec	10520	I RESIDENTIAL COMMUNITY I, IN	BUILDING I	Lawrence	106	Columbia Gas	97365	97365	39065	46444	45216	0.46	Gas	Gas
733	Dec	10524	MI RESIDENTIAL COMMUNITY III	BUILDING III	Lawrence	88	Columbia Gas	71154	71154	20954	48546	34545	0.49	Gas	Gas
734	Dec	10554	Macdonald Way (FED)	Building A	Pembroke	10	Columbia Gas	5900	5900	800	73135	0	0.73	Gas	Gas
735	Dec	10555	Macdonald Way (FED)	Building B	Pembroke	10	Columbia Gas	5900	5900	800	70876	0	0.71	Gas	Gas
736	Dec	10557	Macdonald Way (FED)	Building F (Comm Bldg)	Pembroke	1	Columbia Gas	2528	2528	2527	73373	0	0.73	Gas	Gas
737	Dec	10560	Macdonald Way (FED)	Building D	Pembroke	9	Columbia Gas	5600	5600	900	62108	0	0.62	Gas	Gas
738	Dec	10561	Macdonald Way (FED)	Building E	Pembroke	9	Columbia Gas	5600	5600	900	66933	0	0.67	Gas	Gas
739	Dec	10964	Brownstone Gardens I & II	79 Pleasant St Bldg G	East Longmeadow	18	Columbia Gas	13992	13992	2732	35124	4914	0.35	Gas	Gas
740	Dec	10971	Brownstone Gardens I & II	79 Pleasant St Bldg H	East Longmeadow	14	Columbia Gas	19204	19204	7944	35124	6744	0.35	Gas	Gas
741	Dec	10972	Brownstone Gardens I & II	75 Pleasant St Bldg A	East Longmeadow	20	Columbia Gas	17738	17738	7695	35124	6230	0.35	Gas	Gas
742	Dec	10974	Brownstone Gardens I & II	75 Pleasant St Bldg B	East Longmeadow	14	Columbia Gas	12272	12272	1150	35124	4310	0.35	Gas	Gas
743	Dec	10975	Brownstone Gardens I & II	75 Pleasant St Bldg C	East Longmeadow	14	Columbia Gas	13396	13396	1260	35124	4705	0.35	Gas	Gas
744	Dec	10976	Brownstone Gardens I & II	75 Pleasant St Bldg D	East Longmeadow	14	Columbia Gas	13396	13396	1260	35124	4705	0.35	Gas	Gas
745	Dec	10977	Brownstone Gardens I & II	75 Pleasant St Bldg E	East Longmeadow	18	Columbia Gas	16887	16887	1822	35124	5931	0.35	Gas	Gas
746	Dec	10978	Brownstone Gardens I & II	75 Pleasant St Bldg F	East Longmeadow	20	Columbia Gas	11738	11738	10043	35124	4122	0.35	Gas	Gas
747	Dec	11221	Brownstone Gardens I & II	75 Pleasant St Community Building	East Longmeadow	1	Columbia Gas	3208	3208	3158	35124	1127	0.35	Gas	Gas
748	Dec	11450	Merrimack Valley Apartments	Community Bldg	Methuen	1	Columbia Gas	2076	2076	2026	12870	267	0.13	Gas	Gas
749	Dec	11872	Trinity Village	Building A	Brockton	53	Columbia Gas	49011	49011	13891	31776	15576	0.32	Gas	Gas
750	Dec	11874	Trinity Village	Building B	Brockton	20	Columbia Gas	17256	17256	5208	48931	8443	0.49	Gas	Gas
751	Dec	11876	Trinity Village	Building C	Brockton	51	Columbia Gas	47517	47517	14343	28217	13409	0.28	Gas	Gas
752	Dec	11878	Trinity Village	Building D	Brockton	8	Columbia Gas	10966	10966	480	51995	5702	0.52	Gas	Gas
753	Dec	11880	Trinity Village	Building E	Brockton	7	Columbia Gas	9819	9819	420	51381	5045	0.51	Gas	Gas
754	Dec	11884	Trinity Village	Building F	Brockton	7	Columbia Gas	9464	9464	420	56342	5332	0.56	Gas	Gas
755	Dec	11886	Trinity Village	Building G	Brockton	9	Columbia Gas	11418	11418	540	47302	5401	0.47	Gas	Gas
756	Dec	11889	Trinity Village	Building H	Brockton	9	Columbia Gas	11418	11418	540	50185	5730	0.50	Gas	Gas
757	Dec	12531	17-19 Saab Ct	17 Saab Ct Springfield MA	Springfield	104	Columbia Gas	67287	62860	10713	41800	26275	0.42	Electric	Gas
758	Dec	12534	31-51 Morgan St	41 Morgan St	Springfield	52	Columbia Gas	26555	26555	4367	23400	6214	0.23	Electric	Gas
759	Dec	12535	500 Hancock St	500 Hancock St	Springfield	60	Columbia Gas	24965	24333	3065	23000	5597	0.23	Electric	Gas
760	Dec	12544	347-367 Central St	355 Central St	Springfield	44	Columbia Gas	24934	19446	7397	15100	2936	0.15	Electric	Gas
761	Dec	11508A	Ashland Street	18 Ashland St	North Andover	1	Columbia Gas	1800	1200	600	34964	419	0.35	Gas	Gas
762	Dec	11508B	Ashland Street	20 Ashland St	North Andover	1	Columbia Gas	1800	1200	600	34964	419	0.35	Gas	Gas
763	Dec	11509A	Ashland Street	22 Ashland St	North Andover	1	Columbia Gas	1800	1200	600	29605	355	0.30	Gas	Gas
764	Dec	11509B	Ashland Street	24 Ashland St	North Andover	1	Columbia Gas	1800	1200	600	29605	355	0.30	Gas	Gas
765	Dec	7610A	Kent Village	9 North River Road	Scituate	1	Columbia Gas	589	589	0	77100	454	0.77	Gas	Gas
766	Dec	7610B	Kent Village	10 North River Road	Scituate	1	Columbia Gas	589	589	0	77100	454	0.77	Gas	Gas
767	Dec	7610C	Kent Village	11 North River Road	Scituate	1	Columbia Gas	589	589	0	77100	454	0.77	Gas	Gas

Columbia Gas 2012 Usage

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
768	Dec	7610D	Kent Village	12 North River Road	Scituate	1	Columbia Gas	589	589	0	77100	454	0.77	Gas	Gas
769	Dec	7610E	Kent Village	13 North River Road	Scituate	1	Columbia Gas	1160	1160	0	77100	894	0.77	Gas	Gas
770	Dec	7610F	Kent Village	14 North River Road	Scituate	1	Columbia Gas	928	928	0	77100	715	0.77	Gas	Gas
771	Dec	7610G	Kent Village	15 North River Road	Scituate	1	Columbia Gas	928	928	0	77100	715	0.77	Gas	Gas
772	Dec	7610H	Kent Village	16 North River Road	Scituate	1	Columbia Gas	1160	1160	0	77100	894	0.77	Gas	Gas
773	Dec	7612F	Kent Village	25 North River Road	Scituate	1	Columbia Gas	589	589	0	74900	441	0.75	Gas	Gas
774	Dec	7612G	Kent Village	26 North River Road	Scituate	1	Columbia Gas	589	589	0	74900	441	0.75	Gas	Gas
775	Dec	7612H	Kent Village	24 North River Road	Scituate	1	Columbia Gas	589	589	0	74900	441	0.75	Gas	Gas
776	Dec	Federal	Plante Circle	Stonina/Plante - 72	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
777	Dec	Federal	Plante Circle	Stonina/Plante - 73	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
778	Dec	Federal	Plante Circle	Stonina/Plante - 74	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
779	Dec	Federal	Plante Circle	Stonina/Plante - 75	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
780	Dec	Federal	Plante Circle	Stonina/Plante - 76	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
781	Dec	Federal	Plante Circle	Stonina/Plante - 77	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
782	Dec	Federal	Plante Circle	Stonina/Plante - 78	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
783	Dec	Federal	Plante Circle	Stonina/Plante - 79	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
784	Dec	Federal	Plante Circle	Stonina/Plante - 80	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
785	Dec	Federal	Plante Circle	Stonina/Plante - 81	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
786	Dec	Federal	Plante Circle	Stonina/Plante - 82	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
787	Dec	Federal	Plante Circle	Stonina/Plante - 83	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
788	Dec	Federal	Plante Circle	Stonina/Plante - 84	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
789	Dec	Federal	Plante Circle	Stonina/Plante - 85	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
790	Dec	Federal	Plante Circle	Stonina/Plante - 86	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
791	Dec	Federal	Plante Circle	Stonina/Plante - 87	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas
792	Dec	Federal	Plante Circle	Stonina/Plante - 88	Chicopee	1	Columbia Gas	3000	2000	1000	110206	2160	0.72	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
1	Jan	Federal	Bishop Markham	Bishop Markham 1	Lowell	50.32	National Grid	47600	47600	13328	6.97	N/A	Gas	Gas
2	Jan	Federal	Bishop Markham	Bishop Markham 2	Lowell	50.32	National Grid	47600	47600	13328	6.97	N/A	Gas	Gas
3	Jan	Federal	Bishop Markham	Bishop Markham 3	Lowell	50.32	National Grid	47600	47600	13328	6.97	N/A	Gas	Gas
4	Jan	Federal	Bishop Markham	Bishop Markham 4	Lowell	50.32	National Grid	47600	47600	13328	6.97	N/A	Gas	Gas
5	Jan	Federal	Bishop Markham	Bishop Markham 5	Lowell	50.32	National Grid	47600	47600	13328	6.97	N/A	Gas	Gas
6	Jan	Federal	Bishop Markham	Bishop Markham 6	Lowell	50.32	National Grid	47600	47600	13328	6.97	N/A	Gas	Gas
7	Jan	Federal	Bishop Markham	Bishop Markham 7	Lowell	25.69	National Grid	24300	24300	6804	6.97	N/A	Gas	Gas
8	Jan	Federal	Bishop Markham	Bishop Markham 8	Lowell	25.69	National Grid	24300	24300	6804	6.97	N/A	Gas	Gas
9	Jan	Federal	Bishop Markham	Bishop Markham 9	Lowell	25.69	National Grid	24300	24300	6804	6.97	N/A	Gas	Gas
10	Jan	Federal	Colwell	1-3	Lowell	4	National Grid	5200	5200	0	6.02	N/A	Gas	Gas
11	Jan	Federal	Colwell	2-4	Lowell	4	National Grid	5200	5200	0	7.79	N/A	Gas	Gas
12	Jan	Federal	Colwell	5-7	Lowell	4	National Grid	4100	4100	0	6.29	N/A	Gas	Gas
13	Jan	Federal	Colwell	6-8	Lowell	4	National Grid	3750	3750	0	9.45	N/A	Gas	Gas
14	Jan	Federal	Colwell	9-11	Lowell	4	National Grid	3750	3750	0	7.02	N/A	Gas	Gas
15	Jan	6218	Douglas House	20 Haverill Street	Brockton	158	National Grid	142971	142971	42437	N/A	6.84	Gas	Gas
16	Jan	7364	Enon Village	Ayer	Wenham	8	National Grid	4406	4406	406	19.03	N/A	Electric	Electric
17	Jan	7365	Enon Village	CONARY	Wenham	8	National Grid	4200	4200	200	19.03	N/A	Electric	Electric
18	Jan	7366	Enon Village	DEARBORN	Wenham	8	National Grid	4200	4200	200	19.03	N/A	Electric	Electric
19	Jan	7367	Enon Village	DODGE	Wenham	8	National Grid	4200	4200	200	19.03	N/A	Electric	Electric
20	Jan	7368	Enon Village	GATCHELL	Wenham	8	National Grid	4200	4200	200	19.03	N/A	Electric	Electric
21	Jan	7370	Enon Village	Larch Lane - Cole	Wenham	10	National Grid	3619	3619	362	19.03	N/A	Electric	Electric
22	Jan	7374	Enon Village	Larch Lane- SARGENT	Wenham	8	National Grid	2431	2431	122	19.03	N/A	Electric	Electric
23	Jan	7391	Enon Village	Maintenance Garage/Barn	Wenham	1	National Grid	2160	2160	2159	1.99	no	Electric	Electric
24	Jan	7372	Enon Village	OSGOOD	Wenham	8	National Grid	2431	2431	122	19.03	N/A	Electric	Electric
25	Jan	7376	Enon Village	ROGERS	Wenham	10	National Grid	3640	3640	364	19.03	N/A	Electric	Electric
26	Jan	7369	Enon Village	TROWT	Wenham	8	National Grid	4200	4200	200	19.03	N/A	Electric	Electric
27	Jan	Federal	Father Norton	Father Norton	Lowell	112	National Grid	72000	72000	18000	13.42	N/A	Gas	Gas
28	Jan	Federal	Flanagan Village	Flanagan Village 1	Lowell	4	National Grid	3400	3400	0	8.58	N/A	Gas	Gas
29	Jan	Federal	Flanagan Village	Flanagan Village 10	Lowell	4	National Grid	4000	4000	0	8.58	N/A	Gas	Gas
30	Jan	Federal	Flanagan Village	Flanagan Village 11	Lowell	5	National Grid	6000	6000	0	8.58	N/A	Gas	Gas
31	Jan	Federal	Flanagan Village	Flanagan Village 12	Lowell	5	National Grid	6000	6000	0	8.58	N/A	Gas	Gas
32	Jan	Federal	Flanagan Village	Flanagan Village 13	Lowell	4	National Grid	2800	2800	0	8.58	N/A	Gas	Gas
33	Jan	Federal	Flanagan Village	Flanagan Village 14	Lowell	5	National Grid	6000	6000	0	8.58	N/A	Gas	Gas
34	Jan	Federal	Flanagan Village	Flanagan Village 15	Lowell	4	National Grid	2800	2800	0	8.58	N/A	Gas	Gas
35	Jan	Federal	Flanagan Village	Flanagan Village 16	Lowell	4	National Grid	3400	3400	0	8.58	N/A	Gas	Gas
36	Jan	Federal	Flanagan Village	Flanagan Village 17	Lowell	4	National Grid	4000	4000	0	8.58	N/A	Gas	Gas
37	Jan	Federal	Flanagan Village	Flanagan Village 18	Lowell	4	National Grid	3400	3400	0	8.58	N/A	Gas	Gas
38	Jan	Federal	Flanagan Village	Flanagan Village 19	Lowell	4	National Grid	4600	4600	0	8.58	N/A	Gas	Gas
39	Jan	Federal	Flanagan Village	Flanagan Village 2	Lowell	1	National Grid	10600	10600	0	8.58	N/A	Gas	Gas
40	Jan	Federal	Flanagan Village	Flanagan Village 20	Lowell	4	National Grid	4000	4000	0	8.58	N/A	Gas	Gas
41	Jan	Federal	Flanagan Village	Flanagan Village 21	Lowell	4	National Grid	4000	4000	0	8.58	N/A	Gas	Gas
42	Jan	Federal	Flanagan Village	Flanagan Village 22	Lowell	4	National Grid	3400	3400	0	8.58	N/A	Gas	Gas
43	Jan	Federal	Flanagan Village	Flanagan Village 23	Lowell	4	National Grid	3400	3400	0	8.58	N/A	Gas	Gas
44	Jan	Federal	Flanagan Village	Flanagan Village 24	Lowell	5	National Grid	6000	6000	0	8.58	N/A	Gas	Gas
45	Jan	Federal	Flanagan Village	Flanagan Village 25	Lowell	5	National Grid	6000	6000	0	8.58	N/A	Gas	Gas
46	Jan	Federal	Flanagan Village	Flanagan Village 26	Lowell	4	National Grid	2800	2800	0	8.58	N/A	Gas	Gas
47	Jan	Federal	Flanagan Village	Flanagan Village 27	Lowell	4	National Grid	2800	2800	0	8.58	N/A	Gas	Gas
48	Jan	Federal	Flanagan Village	Flanagan Village 28	Lowell	4	National Grid	2800	2800	0	8.58	N/A	Gas	Gas
49	Jan	Federal	Flanagan Village	Flanagan Village 29	Lowell	5	National Grid	6000	6000	0	8.58	N/A	Gas	Gas
50	Jan	Federal	Flanagan Village	Flanagan Village 3	Lowell	5	National Grid	4600	4600	0	8.58	N/A	Gas	Gas
51	Jan	Federal	Flanagan Village	Flanagan Village 30	Lowell	5	National Grid	6000	6000	0	8.58	N/A	Gas	Gas
52	Jan	Federal	Flanagan Village	Flanagan Village 31	Lowell	4	National Grid	3400	3400	0	8.58	N/A	Gas	Gas
53	Jan	Federal	Flanagan Village	Flanagan Village 32	Lowell	4	National Grid	2800	2800	0	8.58	N/A	Gas	Gas
54	Jan	Federal	Flanagan Village	Flanagan Village 33	Lowell	4	National Grid	3400	3400	0	8.58	N/A	Gas	Gas
55	Jan	Federal	Flanagan Village	Flanagan Village 34	Lowell	4	National Grid	2800	2800	0	8.58	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
56	Jan	Federal	Flanagan Village	Flanagan Village 35	Lowell	5	National Grid	6000	6000	0	8.58	N/A	Gas	Gas
57	Jan	Federal	Flanagan Village	Flanagan Village 36	Lowell	4	National Grid	2800	2800	0	8.58	N/A	Gas	Gas
58	Jan	Federal	Flanagan Village	Flanagan Village 37	Lowell	3	National Grid	3800	3800	0	8.58	N/A	Gas	Gas
59	Jan	Federal	Flanagan Village	Flanagan Village 4	Lowell	4	National Grid	3400	3400	0	8.58	N/A	Gas	Gas
60	Jan	Federal	Flanagan Village	Flanagan Village 5	Lowell	4	National Grid	4000	4000	0	8.58	N/A	Gas	Gas
61	Jan	Federal	Flanagan Village	Flanagan Village 6	Lowell	4	National Grid	4000	4000	0	8.58	N/A	Gas	Gas
62	Jan	Federal	Flanagan Village	Flanagan Village 7	Lowell	5	National Grid	6000	6000	0	8.58	N/A	Gas	Gas
63	Jan	Federal	Flanagan Village	Flanagan Village 8	Lowell	4	National Grid	4600	4600	0	8.58	N/A	Gas	Gas
64	Jan	Federal	Flanagan Village	Flanagan Village 9	Lowell	4	National Grid	2800	2800	0	8.58	N/A	Gas	Gas
65	Jan	Federal	Lawrence & Faulkner	Lawrence & Faulkner 1	Lowell	4	National Grid	2750	2750	0	5.83	N/A	Gas	Gas
66	Jan	Federal	Lawrence & Faulkner	Lawrence & Faulkner 2	Lowell	4	National Grid	2750	2750	0	5.83	N/A	Gas	Gas
67	Jan	Federal	Lawrence & Faulkner	Lawrence & Faulkner 3	Lowell	4	National Grid	2750	2750	0	5.83	N/A	Gas	Gas
68	Jan	Federal	Lawrence & Faulkner	Lawrence & Faulkner 4	Lowell	4	National Grid	2750	2750	0	5.83	N/A	Gas	Gas
69	Jan	Federal	Lawrence & Faulkner	Lawrence & Faulkner 5	Lowell	4	National Grid	2750	2750	0	5.83	N/A	Gas	Gas
70	Jan	Federal	Lawrence & Faulkner	Lawrence & Faulkner 6	Lowell	4	National Grid	2750	2750	0	5.83	N/A	Gas	Gas
71	Jan	Federal	Lawrence & Faulkner	Lawrence & Faulkner 7	Lowell	4	National Grid	2750	2750	0	5.83	N/A	Gas	Gas
72	Jan	Federal	North Common Village	North Common Village 1	Lowell	10.77	National Grid	8500	8500	0	7.51	N/A	Gas	Gas
73	Jan	Federal	North Common Village	North Common Village 10	Lowell	25.1	National Grid	19800	19800	3960	7.51	N/A	Gas	Gas
74	Jan	Federal	North Common Village	North Common Village 11	Lowell	25.1	National Grid	19800	19800	3960	7.51	N/A	Gas	Gas
75	Jan	Federal	North Common Village	North Common Village 12	Lowell	11.41	National Grid	9000	9000	1800	7.51	N/A	Gas	Gas
76	Jan	Federal	North Common Village	North Common Village 13	Lowell	18.82	National Grid	14850	14850	2970	7.51	N/A	Gas	Gas
77	Jan	Federal	North Common Village	North Common Village 14	Lowell	26.81	National Grid	21150	21150	4230	7.51	N/A	Gas	Gas
78	Jan	Federal	North Common Village	North Common Village 15	Lowell	26.81	National Grid	21150	21150	4230	7.51	N/A	Gas	Gas
79	Jan	Federal	North Common Village	North Common Village 16	Lowell	24.53	National Grid	19350	19350	3870	7.51	N/A	Gas	Gas
80	Jan	Federal	North Common Village	North Common Village 17	Lowell	25.1	National Grid	19800	19800	3960	7.51	N/A	Gas	Gas
81	Jan	Federal	North Common Village	North Common Village 18	Lowell	29.66	National Grid	23400	23400	4680	7.51	N/A	Gas	Gas
82	Jan	Federal	North Common Village	North Common Village 19	Lowell	29.66	National Grid	23400	23400	4680	7.51	N/A	Gas	Gas
83	Jan	Federal	North Common Village	North Common Village 2	Lowell	10.77	National Grid	8500	8500	0	7.51	N/A	Gas	Gas
84	Jan	Federal	North Common Village	North Common Village 20	Lowell	29.66	National Grid	23400	23400	4680	7.51	N/A	Gas	Gas
85	Jan	Federal	North Common Village	North Common Village 21	Lowell	18.82	National Grid	14850	14850	2970	7.51	N/A	Gas	Gas
86	Jan	Federal	North Common Village	North Common Village 22	Lowell	10.46	National Grid	8250	8250	0	7.51	N/A	Gas	Gas
87	Jan	Federal	North Common Village	North Common Village 23	Lowell	18.82	National Grid	14850	14850	2970	7.51	N/A	Gas	Gas
88	Jan	Federal	North Common Village	North Common Village 24	Lowell	10.46	National Grid	8250	8250	0	7.51	N/A	Gas	Gas
89	Jan	Federal	North Common Village	North Common Village 25	Lowell	8.239	National Grid	6500	6500	0	7.51	N/A	Gas	Gas
90	Jan	Federal	North Common Village	North Common Village 26	Lowell	4.119	National Grid	3250	3250	0	7.51	N/A	Gas	Gas
91	Jan	Federal	North Common Village	North Common Village 27	Lowell	12.55	National Grid	9900	9900	0	7.51	N/A	Gas	Gas
92	Jan	Federal	North Common Village	North Common Village 28	Lowell	8.239	National Grid	6500	6500	0	7.51	N/A	Gas	Gas
93	Jan	Federal	North Common Village	North Common Village 29	Lowell	8.239	National Grid	6500	6500	0	7.51	N/A	Gas	Gas
94	Jan	Federal	North Common Village	North Common Village 3	Lowell	10.77	National Grid	8500	8500	0	7.51	N/A	Gas	Gas
95	Jan	Federal	North Common Village	North Common Village 30	Lowell	8.239	National Grid	6500	6500	0	7.51	N/A	Gas	Gas
96	Jan	Federal	North Common Village	North Common Village 31	Lowell	4.119	National Grid	3250	3250	0	7.51	N/A	Gas	Gas
97	Jan	Federal	North Common Village	North Common Village 32	Lowell	8.239	National Grid	6500	6500	0	7.51	N/A	Gas	Gas
98	Jan	Federal	North Common Village	North Common Village 33	Lowell	12.55	National Grid	9900	9900	0	7.51	N/A	Gas	Gas
99	Jan	Federal	North Common Village	North Common Village 34	Lowell	12.55	National Grid	9900	9900	0	7.51	N/A	Gas	Gas
100	Jan	Federal	North Common Village	North Common Village 4	Lowell	10.77	National Grid	8500	8500	0	7.51	N/A	Gas	Gas
101	Jan	Federal	North Common Village	North Common Village 5	Lowell	8.239	National Grid	6500	6500	0	7.51	N/A	Gas	Gas
102	Jan	Federal	North Common Village	North Common Village 6	Lowell	8.239	National Grid	6500	6500	0	7.51	N/A	Gas	Gas
103	Jan	Federal	North Common Village	North Common Village 7	Lowell	8.239	National Grid	6500	6500	0	7.51	N/A	Gas	Gas
104	Jan	Federal	North Common Village	North Common Village 8	Lowell	8.239	National Grid	6500	6500	0	7.51	N/A	Gas	Gas
105	Jan	Federal	North Common Village	North Common Village 9	Lowell	29.66	National Grid	23400	23400	4680	7.51	N/A	Gas	Gas
106	Jan	Federal	Temple St	Temple St 1	Lowell	9	National Grid	10400	10400	0	8.03	N/A	Gas	Gas
107	Jan	Federal	Temple St	Temple St 2	Lowell	16	National Grid	18000	18000	0	8.03	N/A	Gas	Gas
108	Feb	7525	25 Sturgis St.	25 Sturgis St.	Worcester	16	National Grid	3265	2465	3105	9.93	N/A	Gas	Gas
109	Feb	7250	901 Mammoth	901 Mammoth	Dracut	18	National Grid	14148	10049	5148	5.69	N/A	Gas	Gas
110	Feb	7588	CHEBACCO TERRACE	Chebacco Terrace - 1	Essex	8	National Grid	4368	4368	368	14.44	N/A	Electric	Electric

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
111	Feb	7589	CHEBACCO TERRACE	Chebacco Terrace - 2	Essex	8	National Grid	4368	4368	368	14.44	N/A	Electric	Electric
112	Feb	7590	CHEBACCO TERRACE	Chebacco Terrace - 3	Essex	8	National Grid	4368	4368	368	14.44	N/A	Electric	Electric
113	Feb	7591	CHEBACCO TERRACE	Chebacco Terrace - 4	Essex	8	National Grid	4368	4368	368	14.44	N/A	Electric	Electric
114	Feb	7592	CHEBACCO TERRACE	Chebacco Terrace - 5	Essex	8	National Grid	4368	4368	368	14.44	N/A	Electric	Electric
115	Feb	7593	CHEBACCO TERRACE	Community Building	Essex	1	National Grid	1200	1200	1199	14.44	N/A	Electric	Electric
116	Feb	7690	Colonial Acres	200 EAST RIVER STREET - 1	Orange	8	National Grid	5136	5136	1136	12.92	N/A	Electric	Electric
117	Feb	7691	Colonial Acres	200 EAST RIVER STREET - 2	Orange	8	National Grid	5136	5136	1136	10.52	N/A	Electric	Electric
118	Feb	7692	Colonial Acres	200 EAST RIVER STREET - 4	Orange	8	National Grid	5136	5136	1136	13.42	N/A	Electric	Electric
119	Feb	7694	Colonial Acres	200 EAST RIVER STREET - 5	Orange	8	National Grid	5136	5136	1136	12.18	N/A	Electric	Electric
120	Feb	7697	Colonial Acres	200 EAST RIVER STREET - 7	Orange	8	National Grid	5136	5136	1136	12.06	N/A	Electric	Electric
121	Feb	7699	Colonial Acres	200 EAST RIVER STREET - 8	Orange	8	National Grid	5136	5136	1136	11.85	N/A	Electric	Electric
122	Feb	7700	Colonial Acres	Community Building	Orange	1	National Grid	1800	1800	1799	19.66	N/A	Electric	Electric
123	Feb	7659	Dennett Apartments	116 Hopedale Street - 1	Hopedale	8	National Grid	9450	6300	5450	8.68	N/A	Electric	Electric
124	Feb	7655	Dennett Apartments	116 Hopedale Street - 2	Hopedale	8	National Grid	9450	6300	5450	8.68	N/A	Electric	Electric
125	Feb	7656	Dennett Apartments	116 Hopedale Street - 3	Hopedale	8	National Grid	9450	6300	5450	8.68	N/A	Electric	Electric
126	Feb	7657	Dennett Apartments	116 Hopedale Street - 4	Hopedale	8	National Grid	9450	6300	5450	8.68	N/A	Electric	Electric
127	Feb	7658	Dennett Apartments	116 Hopedale Street - 5	Hopedale	8	National Grid	9450	6300	5450	8.68	N/A	Electric	Electric
128	Feb	7660	Dennett Apartments	Community Bldg	Hopedale	1	National Grid	2048	1024	2047	8.68	N/A	Electric	Electric
129	Feb	7723	Elise Circle	11-18 ELISE CIRCLE - 1	Easton	8	National Grid	5376	5376	1376	11.75	N/A	Electric	Electric
130	Feb	7724	Elise Circle	21-28 ELISE CIRCLE - 2	Easton	8	National Grid	5376	5376	1376	11.75	N/A	Electric	Electric
131	Feb	7725	Elise Circle	31-38 ELISE CIRCLE - 3	Easton	8	National Grid	5376	5376	1376	11.75	N/A	Electric	Electric
132	Feb	7726	Elise Circle	41-48 ELISE CIRCLE - 4	Easton	8	National Grid	5376	5376	1376	11.75	N/A	Electric	Electric
133	Feb	7727	Elise Circle	51-58 ELISE CIRCLE - 5	Easton	8	National Grid	5376	5376	1376	11.75	N/A	Electric	Electric
134	Feb	7728	Elise Circle	61-68 ELISE CIRCLE - 6	Easton	8	National Grid	5376	5376	1376	11.75	N/A	Electric	Electric
135	Feb	7729	Elise Circle	71-78 ELISE CIRCLE - 7	Easton	8	National Grid	5376	5376	1376	11.75	N/A	Electric	Electric
136	Feb	7730	Elise Circle	81-88 ELISE CIRCLE - 8	Easton	8	National Grid	5376	5376	1376	11.75	N/A	Electric	Electric
137	Feb	7731	Elise Circle	ELISE CIRCLE - 9 (Comm Bldg)	Easton	1	National Grid	1936	1936	1935	11.75	N/A	Electric	Electric
138	Feb	7617	Fox Brook Manor	1 - 2 AUSTIN STREET	Blackstone	8	National Grid	7100	4900	2200	6.54	N/A	Electric	Electric
139	Feb	7622	Fox Brook Manor	11-12 AUSTIN ST	Blackstone	8	National Grid	7100	4900	2200	10.05	N/A	Electric	Electric
140	Feb	7623	Fox Brook Manor	13-14 AUSTIN ST	Blackstone	8	National Grid	7100	4900	2200	10.05	N/A	Electric	Electric
141	Feb	7618	Fox Brook Manor	3 -4 AUSTIN ST	Blackstone	8	National Grid	7100	4900	2200	6.54	N/A	Electric	Electric
142	Feb	7619	Fox Brook Manor	5-6 AUSTIN ST	Blackstone	8	National Grid	7100	4900	2200	6.54	N/A	Electric	Electric
143	Feb	7620	Fox Brook Manor	7-8 AUSTIN ST	Blackstone	8	National Grid	7100	4900	2200	19.64	N/A	Electric	Electric
144	Feb	7621	Fox Brook Manor	9-10 AUSTIN ST	Blackstone	8	National Grid	7100	4900	2200	12.40	N/A	Electric	Electric
145	Feb	4377	Greylock Valley Apartments	48 Angeli Street	North Adams	96	National Grid	3103	3103	3053	2.03	N/A	Gas	Gas
146	Feb	5407	Griffin	110 HOPEDALE ST	Hopedale	8	National Grid	5400	5400	1400	4.54	N/A	Gas	Gas
147	Feb	5408	Griffin	112 HOPEDALE ST	Hopedale	8	National Grid	5400	5400	1400	4.54	N/A	Gas	Gas
148	Feb	5409	Griffin	114 HOPEDALE ST	Hopedale	8	National Grid	5400	5400	1400	4.54	N/A	Gas	Gas
149	Feb	5406	Griffin	116 HOPEDALE STREET - Community	Hopedale	1	National Grid	2025	2025	2024	4.54	N/A	Gas	Gas
150	Feb	5410	Griffin	118 HOPEDALE ST	Hopedale	8	National Grid	5400	5400	1400	4.54	N/A	Gas	Gas
151	Feb	5411	Griffin	120 HOPEDALE ST	Hopedale	8	National Grid	5400	5400	1400	4.54	N/A	Gas	Gas
152	Feb	6219	Hamilton Wade House	54 Haverill Street	Brockton	84	National Grid	64016	64016	10200	N/A	13.50	Gas	Gas
153	Feb	7227	Hanson Glen	971 MAMMOTH RD - 1	Dracut	3	National Grid	3744	1872	1872	12.79	N/A	Electric	Electric
154	Feb	7237	Hanson Glen	971 MAMMOTH RD - 10	Dracut	5	National Grid	5520	2760	2760	12.79	N/A	Electric	Electric
155	Feb	7238	Hanson Glen	971 MAMMOTH RD - 11	Dracut	4	National Grid	4896	2448	2448	12.79	N/A	Electric	Electric
156	Feb	7239	Hanson Glen	971 MAMMOTH RD - 12	Dracut	5	National Grid	5760	2880	2880	12.79	N/A	Electric	Electric
157	Feb	7240	Hanson Glen	971 MAMMOTH RD - 2	Dracut	10	National Grid	5520	2760	2760	12.79	N/A	Electric	Electric
158	Feb	7241	Hanson Glen	971 MAMMOTH RD - 3	Dracut	6	National Grid	4968	3312	1968	12.79	N/A	Electric	Electric
159	Feb	7242	Hanson Glen	971 MAMMOTH RD - 4	Dracut	4	National Grid	4896	2448	2448	12.79	N/A	Electric	Electric
160	Feb	7243	Hanson Glen	971 MAMMOTH RD - 5	Dracut	10	National Grid	8280	5520	3280	12.79	N/A	Electric	Electric
161	Feb	7244	Hanson Glen	971 MAMMOTH RD - 6	Dracut	12	National Grid	6624	3312	3312	12.79	N/A	Electric	Electric
162	Feb	7246	Hanson Glen	971 MAMMOTH RD - 8	Dracut	4	National Grid	4896	2448	2448	12.79	N/A	Electric	Electric
163	Feb	7247	Hanson Glen	971 MAMMOTH RD - 9	Dracut	5	National Grid	5520	2760	2760	12.79	N/A	Electric	Electric
164	Feb	7245	Hanson Glen	971 MAMMOTH RD - Bldg 7	Dracut	12	National Grid	6624	3312	3312	12.79	N/A	Electric	Electric
165	Feb	7248	Hanson Glen	971 MAMMOTH RD Community Bldg	Dracut	1	National Grid	2400	1200	2399	12.79	N/A	Electric	Electric

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166	Feb	7266	King James Court	383 E. River St Bldg 1	Orange	21	National Grid	16373	16373	3051	N/A	15.56	Electric	Electric
167	Feb	7267	King James Court	383 E. River St Bldg 2	Orange	25	National Grid	19574	19574	3750	N/A	17.11	Electric	Electric
168	Feb	7268	King James Court	383 E. River St Bldg 3	Orange	25	National Grid	19754	19754	3750	N/A	17.90	Electric	Electric
169	Feb	7269	King James Court	383 E. River St Bldg 4	Orange	16	National Grid	13352	13352	2500	N/A	18.74	Electric	Electric
170	Feb	7276	King James Court	383 E. River St Bldg 5	Orange	16	National Grid	13352	13352	2500	N/A	15.56	Electric	Electric
171	Feb	7278	King James Court	383 E. River St Bldg 6	Orange	16	National Grid	16374	16374	3024	N/A	22.90	Electric	Electric
172	Feb	7279	King James Court	Community Bldg	Orange	1	National Grid	2635	2635	2634	10.85	N/A	Electric	Electric
173	Feb	6070	Lakeview Manor	1 Josie's Way	Weymouth	6	National Grid	9600	6400	3200	N/A	0.79	Gas	Gas
174	Feb	6039	Lakeview Manor	108 Memorial Drive	Weymouth	4	National Grid	6144	4096	2048	N/A	0.79	Gas	Gas
175	Feb	7747	Parker Terrace 667-2, 3, & 3A	1-10 ELISE CIRCLE - 10	Easton	8	National Grid	5454	5454	1454	12.78	N/A	Electric	Electric
176	Feb	7734	Parker Terrace 667-2, 3, & 3A	101-108 PARKER TERRACE - 10	Easton	8	National Grid	5120	5120	1120	12.78	N/A	Electric	Electric
177	Feb	7733	Parker Terrace 667-2, 3, & 3A	11-18 PARKER TERRACE - 1	Easton	8	National Grid	5120	5120	1120	12.78	N/A	Electric	Electric
178	Feb	7744	Parker Terrace 667-2, 3, & 3A	111-118 PARKER TERRACE - 1	Easton	8	National Grid	5454	5454	1454	12.78	N/A	Electric	Electric
179	Feb	7745	Parker Terrace 667-2, 3, & 3A	121-128 PARKER TERRACE - 2	Easton	8	National Grid	5454	5454	1454	12.78	N/A	Electric	Electric
180	Feb	7746	Parker Terrace 667-2, 3, & 3A	131-138 PARKER TERRACE - 3	Easton	8	National Grid	5454	5454	1454	12.78	N/A	Electric	Electric
181	Feb	7736	Parker Terrace 667-2, 3, & 3A	21-28 PARKER TERRACE - 2	Easton	8	National Grid	5120	5120	1120	12.78	N/A	Electric	Electric
182	Feb	7737	Parker Terrace 667-2, 3, & 3A	31-38 PARKER TERRACE - 3	Easton	8	National Grid	5120	5120	1120	12.78	N/A	Electric	Electric
183	Feb	7738	Parker Terrace 667-2, 3, & 3A	41-48 PARKER TERRACE - 4	Easton	8	National Grid	5120	5120	1120	12.78	N/A	Electric	Electric
184	Feb	7739	Parker Terrace 667-2, 3, & 3A	51-58 PARKER TERRACE - 5	Easton	8	National Grid	5120	5120	1120	12.78	N/A	Electric	Electric
185	Feb	7740	Parker Terrace 667-2, 3, & 3A	61-68 PARKER TERRACE - 6	Easton	8	National Grid	5120	5120	1120	12.78	N/A	Electric	Electric
186	Feb	7741	Parker Terrace 667-2, 3, & 3A	71-78 PARKER TERRACE - 7	Easton	8	National Grid	5120	5120	1120	12.78	N/A	Electric	Electric
187	Feb	7742	Parker Terrace 667-2, 3, & 3A	81-88 PARKER TERRACE - 8	Easton	8	National Grid	5120	5120	1120	12.78	N/A	Electric	Electric
188	Feb	7748	Parker Terrace 667-2, 3, & 3A	91-98 ELISE CIRCLE - 9	Easton	8	National Grid	5454	5454	1454	12.78	N/A	Electric	Electric
189	Feb	7743	Parker Terrace 667-2, 3, & 3A	91-98 PARKER TERRACE - 9	Easton	8	National Grid	5120	5120	1120	12.78	N/A	Electric	Electric
190	Feb	7735	Parker Terrace 667-2, 3, & 3A	PARKER TERRACE - 11 (Comm Bldg)	Easton	1	National Grid	5406	5406	5405	12.78	N/A	Electric	Electric
191	Feb	7254	Pine Crest	419 E. River St Bldg 1	Orange	12	National Grid	13600	13600	2284	N/A	8.51	Oil	Oil
192	Feb	7263	Pine Crest	419 E. River St Bldg 10	Orange	12	National Grid	13600	13600	2284	N/A	8.01	Oil	Oil
193	Feb	7264	Pine Crest	419 E. River St Bldg 12	Orange	12	National Grid	13600	13600	2284	N/A	7.82	Oil	Oil
194	Feb	7647	Pine Crest	419 E. River St Bldg 14	Orange	12	National Grid	13600	13600	2284	N/A	8.20	Oil	Oil
195	Feb	7255	Pine Crest	419 E. River St Bldg 2	Orange	12	National Grid	13600	13600	2284	N/A	6.62	Oil	Oil
196	Feb	7257	Pine Crest	419 E. River St Bldg 4	Orange	12	National Grid	13600	13600	2284	N/A	7.81	Oil	Oil
197	Feb	7258	Pine Crest	419 E. River St Bldg 5	Orange	12	National Grid	13600	13600	2284	N/A	7.07	Oil	Oil
198	Feb	7259	Pine Crest	419 E. River St Bldg 6	Orange	12	National Grid	13600	13600	2284	N/A	8.22	Oil	Oil
199	Feb	7260	Pine Crest	419 E. River St Bldg 7	Orange	1	National Grid	2668	2668	2667	9.00	N/A	Oil	Oil
200	Feb	7262	Pine Crest	419 E. River St Bldg 9	Orange	12	National Grid	13600	13600	2284	N/A	8.05	Oil	Oil
201	Feb	Federal	Scattered Site	10 Shaffer	Lowell	2	National Grid	3900	2600	1300	6.52	N/A	Gas	Gas
202	Feb	Federal	Scattered Site	128 Westford	Lowell	8	National Grid	15000	10000	5000	7.72	N/A	Gas	Gas
203	Feb	Federal	Scattered Site	133 Fletcher - A	Lowell	9	National Grid	15600	10400	5200	10.29	N/A	Gas	Gas
204	Feb	Federal	Scattered Site	133 Fletcher - B	Lowell	5	National Grid	7500	5000	2500	10.29	N/A	Gas	Gas
205	Feb	Federal	Scattered Site	133 Fletcher - C	Lowell	3	National Grid	4800	3200	1600	10.29	N/A	Gas	Gas
206	Feb	Federal	Scattered Site	162 Branch	Lowell	3	National Grid	7200	4800	2400	14.24	N/A	Gas	Gas
207	Feb	Federal	Scattered Site	467 Central	Lowell	3	National Grid	8100	5400	2700	7.02	N/A	Gas	Gas
208	Feb	Federal	Scattered Site	50-52 Albion	Lowell	4	National Grid	4500	3000	1500	8.75	N/A	Gas	Gas
209	Feb	Federal	Scattered Site	591 Bridge	Lowell	3	National Grid	5400	3600	1800	11.14	N/A	Gas	Gas
210	Feb	Federal	Scattered Site	74-76 Andover	Lowell	4	National Grid	5400	3600	1800	10.46	N/A	Gas	Gas
211	Feb	Federal	Scattered Site	863 Bridge	Lowell	8	National Grid	11200	8400	2800	10.77	N/A	Gas	Gas
212	Feb	7290	Seabury Heights	240 Belmont St	Worcester	150	National Grid	143365	140328	35662	N/A	8.33	Gas	Gas
213	Feb	7291	Seabury Heights	244 Belmont St	Worcester	150	National Grid	143365	140328	35662	N/A	19.16	Gas	Gas
214	Feb	7170	St. Mary's Plaza	30 Pleasant Street	Lynn	99	National Grid	92791	92791	43291	5.30	N/A	Gas	Gas
215	Mar	8433	Centennial Common	10 & 12 SPRINGMEADOW LANE - 1	Hampden	8	National Grid	8280	5520	4280	6.55	N/A	Electric	Electric
216	Mar	8434	Centennial Common	14-16-18 SPRINGMEADOW LANE - 2	Hampden	12	National Grid	12420	8280	6420	7.24	N/A	Electric	Electric
217	Mar	8436	Centennial Common	20-24 SPRINGMEADOW LANE - 3	Hampden	9	National Grid	11520	7680	7020	6.36	N/A	Electric	Electric
218	Mar	8435	Centennial Common	26 SPRINGMEADOW LANE - 26	Hampden	1	National Grid	4000	2000	3999	17.88	N/A	Electric	Electric
219	Mar	8437	Centennial Common	28-32 SPRINGMEADOW LANE - 4	Hampden	9	National Grid	11520	7680	7020	6.31	N/A	Electric	Electric
220	Mar	8438	Centennial Common	34-38 SPRINGMEADOW LANE - 5	Hampden	9	National Grid	11520	7680	7020	6.22	N/A	Electric	Electric

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
221	Mar	8439	Centennial Common	40-44 SPRINGMEADOW LANE - 6	Hampden	9	National Grid	11520	7680	7020	6.51	N/A	Electric	Electric
222	Mar	7039	CHOICE Center	19 Sheila Avenue	Chelmsford	37	National Grid	33013	33013	9830	3.97	N/A	Gas	Gas
223	Mar	Federal	Presidential Gardens	1 Evergreen Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
224	Mar	Federal	Presidential Gardens	10 Presidential Dr	Haverhill	1	National Grid	1106	1106	0	4.93	N/A	Gas	Gas
225	Mar	Federal	Presidential Gardens	100 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	4.93	N/A	Gas	Gas
226	Mar	Federal	Presidential Gardens	101 Evergreen Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
227	Mar	Federal	Presidential Gardens	102 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
228	Mar	Federal	Presidential Gardens	103 Evergreen Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
229	Mar	Federal	Presidential Gardens	104 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
230	Mar	Federal	Presidential Gardens	105 Evergreen Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
231	Mar	Federal	Presidential Gardens	106 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
232	Mar	Federal	Presidential Gardens	107 Evergreen Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
233	Mar	Federal	Presidential Gardens	108 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
234	Mar	Federal	Presidential Gardens	109 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
235	Mar	Federal	Presidential Gardens	11 Evergreen Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
236	Mar	Federal	Presidential Gardens	110 Presidential Dr	Haverhill	1	National Grid	952	952	0	4.93	N/A	Gas	Gas
237	Mar	Federal	Presidential Gardens	111 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
238	Mar	Federal	Presidential Gardens	112 Presidential Dr	Haverhill	1	National Grid	952	952	0	4.93	N/A	Gas	Gas
239	Mar	Federal	Presidential Gardens	113 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
240	Mar	Federal	Presidential Gardens	114 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
241	Mar	Federal	Presidential Gardens	115 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
242	Mar	Federal	Presidential Gardens	116 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
243	Mar	Federal	Presidential Gardens	117 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
244	Mar	Federal	Presidential Gardens	118 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
245	Mar	Federal	Presidential Gardens	119 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
246	Mar	Federal	Presidential Gardens	12 Presidential Dr	Haverhill	1	National Grid	1106	1106	0	4.93	N/A	Gas	Gas
247	Mar	Federal	Presidential Gardens	120 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
248	Mar	Federal	Presidential Gardens	121 Evergreen Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
249	Mar	Federal	Presidential Gardens	122 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
250	Mar	Federal	Presidential Gardens	123 Evergreen Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
251	Mar	Federal	Presidential Gardens	124 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
252	Mar	Federal	Presidential Gardens	125 Evergreen Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
253	Mar	Federal	Presidential Gardens	126 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
254	Mar	Federal	Presidential Gardens	127 Evergreen Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
255	Mar	Federal	Presidential Gardens	128 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
256	Mar	Federal	Presidential Gardens	129 Evergreen Dr	Haverhill	1	National Grid	952	952	0	4.93	N/A	Gas	Gas
257	Mar	Federal	Presidential Gardens	13 Evergreen Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
258	Mar	Federal	Presidential Gardens	130 Presidential Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
259	Mar	Federal	Presidential Gardens	131 Evergreen Dr	Haverhill	1	National Grid	952	952	0	4.93	N/A	Gas	Gas
260	Mar	Federal	Presidential Gardens	132 Presidential Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
261	Mar	Federal	Presidential Gardens	133 Evergreen Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
262	Mar	Federal	Presidential Gardens	134 Presidential Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
263	Mar	Federal	Presidential Gardens	135 Evergreen Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
264	Mar	Federal	Presidential Gardens	136 Presidential Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
265	Mar	Federal	Presidential Gardens	137 Evergreen Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
266	Mar	Federal	Presidential Gardens	138 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
267	Mar	Federal	Presidential Gardens	139 Evergreen Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
268	Mar	Federal	Presidential Gardens	14 Presidential Dr	Haverhill	1	National Grid	1106	1106	0	4.93	N/A	Gas	Gas
269	Mar	Federal	Presidential Gardens	140 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
270	Mar	Federal	Presidential Gardens	142 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
271	Mar	Federal	Presidential Gardens	144 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
272	Mar	Federal	Presidential Gardens	146 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
273	Mar	Federal	Presidential Gardens	148 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
274	Mar	Federal	Presidential Gardens	15 Evergreen Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
275	Mar	Federal	Presidential Gardens	150 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
276	Mar	Federal	Presidential Gardens	152 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
277	Mar	Federal	Presidential Gardens	154 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
278	Mar	Federal	Presidential Gardens	156 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
279	Mar	Federal	Presidential Gardens	158 Presidential Dr	Haverhill	1	National Grid	952	952	0	4.93	N/A	Gas	Gas
280	Mar	Federal	Presidential Gardens	16 Presidential Dr	Haverhill	1	National Grid	1106	1106	0	4.93	N/A	Gas	Gas
281	Mar	Federal	Presidential Gardens	160 Presidential Dr	Haverhill	1	National Grid	952	952	0	4.93	N/A	Gas	Gas
282	Mar	Federal	Presidential Gardens	162 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
283	Mar	Federal	Presidential Gardens	164 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
284	Mar	Federal	Presidential Gardens	166 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
285	Mar	Federal	Presidential Gardens	168 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
286	Mar	Federal	Presidential Gardens	17 Evergreen Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
287	Mar	Federal	Presidential Gardens	170 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
288	Mar	Federal	Presidential Gardens	172 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
289	Mar	Federal	Presidential Gardens	174 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
290	Mar	Federal	Presidential Gardens	176 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
291	Mar	Federal	Presidential Gardens	178 Presidential Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
292	Mar	Federal	Presidential Gardens	18 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
293	Mar	Federal	Presidential Gardens	180 Presidential Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
294	Mar	Federal	Presidential Gardens	182 Presidential Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
295	Mar	Federal	Presidential Gardens	184 Presidential Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
296	Mar	Federal	Presidential Gardens	186 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	4.93	N/A	Gas	Gas
297	Mar	Federal	Presidential Gardens	188 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	4.93	N/A	Gas	Gas
298	Mar	Federal	Presidential Gardens	19 Evergreen Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
299	Mar	Federal	Presidential Gardens	190 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	4.93	N/A	Gas	Gas
300	Mar	Federal	Presidential Gardens	192 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	4.93	N/A	Gas	Gas
301	Mar	Federal	Presidential Gardens	194 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	4.93	N/A	Gas	Gas
302	Mar	Federal	Presidential Gardens	196 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	4.93	N/A	Gas	Gas
303	Mar	Federal	Presidential Gardens	198 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
304	Mar	Federal	Presidential Gardens	2 Presidential Dr	Haverhill	1	National Grid	1470	980	0	4.93	N/A	Gas	Gas
305	Mar	Federal	Presidential Gardens	20 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
306	Mar	Federal	Presidential Gardens	200 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
307	Mar	Federal	Presidential Gardens	202 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
308	Mar	Federal	Presidential Gardens	204 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
309	Mar	Federal	Presidential Gardens	206 Presidential Dr	Haverhill	1	National Grid	952	952	0	4.93	N/A	Gas	Gas
310	Mar	Federal	Presidential Gardens	208 Presidential Dr	Haverhill	1	National Grid	952	952	0	4.93	N/A	Gas	Gas
311	Mar	Federal	Presidential Gardens	21 Evergreen Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
312	Mar	Federal	Presidential Gardens	210 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
313	Mar	Federal	Presidential Gardens	212 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
314	Mar	Federal	Presidential Gardens	214 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
315	Mar	3431	The Plains	Old Essex Rd. - 1	Manchester	8	National Grid	5304	5304	1304	4.51	N/A	Gas	Gas
316	Mar	3432	The Plains	Old Essex Rd. - 2	Manchester	8	National Grid	5304	5304	1304	4.51	N/A	Gas	Gas
317	Mar	3433	The Plains	Old Essex Rd. - 3	Manchester	8	National Grid	5304	5304	1304	4.51	N/A	Gas	Gas
318	Mar	3434	The Plains	Old Essex Rd. - 4	Manchester	8	National Grid	5304	5304	1304	4.51	N/A	Gas	Gas
319	Mar	3435	The Plains	Old Essex Rd. - 5	Manchester	8	National Grid	5584	5584	1584	4.51	N/A	Gas	Gas
320	Mar	3436	The Plains	Old Essex Rd. - 6	Manchester	8	National Grid	5584	5584	1584	4.51	N/A	Gas	Gas
321	Mar	3437	The Plains	Old Essex Rd. - Community	Manchester	1	National Grid	1488	1488	0	4.51	N/A	Gas	Gas
322	Apr	7224	Beverly Fairweather	245 Elliot St	Beverly	62	National Grid	37879	37879	5681	6.80	N/A	Gas	Gas
323	Apr	7714	Farnham Apartments	217 Farnham Street	Lawrence	2	National Grid	3500	2420	1080	N/A	3.49	Gas	Gas
324	Apr	7882	Garden/Newbury	119 Garden Street	Lawrence	2	National Grid	2880	2065	815	N/A	4.01	Gas	Gas
325	Apr	8488	Garden/Newbury	121 Garden Street	Lawrence	2	National Grid	2880	2065	815	N/A	3.39	Gas	Gas
326	Apr	8489	Garden/Newbury	67 Newbury Street	Lawrence	2	National Grid	2622	1886	736	N/A	2.71	Gas	Gas
327	Apr	8490	Garden/Newbury	69 Newbury Street	Lawrence	2	National Grid	2622	1886	736	N/A	2.38	Gas	Gas
328	Apr	7710	Holy Family Terrace	611 State Road	North Adams	39	National Grid	29974	29974	9950	N/A	4.79	Gas	Gas
329	Apr	7684	Lakeside Apts	COMMUNITY BLDG	Athol	1	National Grid	1818	1818	1817	28.59	N/A	Electric	Electric
330	Apr	7677	Lakeside Apts	GIBSON DRIVE - 1	Athol	8	National Grid	4884	4884	884	13.86	N/A	Electric	Electric

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
331	Apr	7678	Lakeside Apts	GIBSON DRIVE - 2	Athol	4	National Grid	1649	1649	0	17.69	N/A	Electric	Electric
332	Apr	7679	Lakeside Apts	GIBSON DRIVE - 3	Athol	8	National Grid	4884	4884	884	12.94	N/A	Electric	Electric
333	Apr	7680	Lakeside Apts	GIBSON DRIVE - 4	Athol	8	National Grid	4884	4884	884	10.81	N/A	Electric	Electric
334	Apr	7681	Lakeside Apts	GIBSON DRIVE - 5	Athol	8	National Grid	4884	4884	884	18.67	N/A	Electric	Electric
335	Apr	7682	Lakeside Apts	GIBSON DRIVE - 6	Athol	6	National Grid	2442	2442	0	20.03	N/A	Electric	Electric
336	Apr	7683	Lakeside Apts	GIBSON DRIVE - 7	Athol	8	National Grid	4884	4884	884	15.59	N/A	Electric	Electric
337	Apr	8779	Wellington Community	33 Wellington St	Worcester	8	National Grid	8000	8000	1800	N/A	4.99	Gas	Gas
338	Apr	7676	Morton Meadows	1-6 MORTON MEADOWS	Athol	6	National Grid	3304	3304	304	5.87	N/A	Oil	Oil
339	Apr	7672	Morton Meadows	13-18 MORTON MEADOWS	Athol	6	National Grid	3304	3304	304	5.87	N/A	Oil	Oil
340	Apr	7673	Morton Meadows	19-24 MORTON MEADOWS	Athol	6	National Grid	4704	4704	1704	5.87	N/A	Oil	Oil
341	Apr	7674	Morton Meadows	25-30 MORTON MEADOWS	Athol	6	National Grid	3304	3304	304	5.87	N/A	Oil	Oil
342	Apr	7675	Morton Meadows	7-12 MORTON MEADOWS	Athol	4	National Grid	3580	3580	1580	5.87	N/A	Oil	Oil
343	Apr	3426	Newport Park	Cheever - Pine St.	Manchester	6	National Grid	5248	5248	2248	2.89	N/A	Gas	Gas
344	Apr	3427	Newport Park	Dana - Pine St.	Manchester	8	National Grid	9720	9720	5720	2.89	N/A	Gas	Gas
345	Apr	3428	Newport Park	Jeffery - Pine St.	Manchester	6	National Grid	5248	5248	2248	2.89	N/A	Gas	Gas
346	Apr	3430	Newport Park	Sargent - Pine St.	Manchester	6	National Grid	5248	5248	2248	2.89	N/A	Gas	Gas
347	Apr	3429	Newport Park	Tappan - Pine St.	Manchester	6	National Grid	5248	5248	2248	2.89	N/A	Gas	Gas
348	Apr	Federal	Presidential Gardens	216 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
349	Apr	Federal	Presidential Gardens	218 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
350	Apr	Federal	Presidential Gardens	22 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
351	Apr	Federal	Presidential Gardens	220 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
352	Apr	Federal	Presidential Gardens	222 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
353	Apr	Federal	Presidential Gardens	224 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
354	Apr	Federal	Presidential Gardens	226 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
355	Apr	Federal	Presidential Gardens	228 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
356	Apr	Federal	Presidential Gardens	23 Evergreen Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
357	Apr	Federal	Presidential Gardens	230 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
358	Apr	Federal	Presidential Gardens	232 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
359	Apr	Federal	Presidential Gardens	234 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
360	Apr	Federal	Presidential Gardens	236 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
361	Apr	Federal	Presidential Gardens	238 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
362	Apr	Federal	Presidential Gardens	24 Presidential Dr	Haverhill	1	National Grid	812	812	0	4.93	N/A	Gas	Gas
363	Apr	Federal	Presidential Gardens	240 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
364	Apr	Federal	Presidential Gardens	242 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
365	Apr	Federal	Presidential Gardens	244 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
366	Apr	Federal	Presidential Gardens	246 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
367	Apr	Federal	Presidential Gardens	248 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
368	Apr	Federal	Presidential Gardens	25 Evergreen Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
369	Apr	Federal	Presidential Gardens	250 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
370	Apr	Federal	Presidential Gardens	252 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
371	Apr	Federal	Presidential Gardens	254 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
372	Apr	Federal	Presidential Gardens	256 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
373	Apr	Federal	Presidential Gardens	258 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
374	Apr	Federal	Presidential Gardens	26 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
375	Apr	Federal	Presidential Gardens	260 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
376	Apr	Federal	Presidential Gardens	27 Evergreen Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
377	Apr	Federal	Presidential Gardens	28 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
378	Apr	Federal	Presidential Gardens	29 Evergreen Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
379	Apr	Federal	Presidential Gardens	3 Evergreen Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
380	Apr	Federal	Presidential Gardens	30 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
381	Apr	Federal	Presidential Gardens	31 Evergreen Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
382	Apr	Federal	Presidential Gardens	32 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
383	Apr	Federal	Presidential Gardens	33 Evergreen Dr	Haverhill	1	National Grid	952	952	0	4.93	N/A	Gas	Gas
384	Apr	Federal	Presidential Gardens	34 Presidential Dr	Haverhill	1	National Grid	1008	1008	0	4.93	N/A	Gas	Gas
385	Apr	Federal	Presidential Gardens	35 Evergreen Dr	Haverhill	1	National Grid	952	952	0	4.93	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
386	Apr	Federal	Presidential Gardens	36 Presidential Dr	Haverhill	1	National Grid	1008	1008	0	4.93	N/A	Gas	Gas
387	Apr	Federal	Presidential Gardens	37 Evergreen Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
388	Apr	Federal	Presidential Gardens	38 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
389	Apr	Federal	Presidential Gardens	39 Evergreen Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
390	Apr	Federal	Presidential Gardens	4 Presidential Dr	Haverhill	1	National Grid	1470	980	0	4.93	N/A	Gas	Gas
391	Apr	Federal	Presidential Gardens	40 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
392	Apr	Federal	Presidential Gardens	41 Evergreen Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
393	Apr	Federal	Presidential Gardens	42 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
394	Apr	Federal	Presidential Gardens	43 Evergreen Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
395	Apr	Federal	Presidential Gardens	44 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
396	Apr	8502	Presidential Gardens	45 Evergreen Dr	Haverhill	1	National Grid	1491	994	0	4.93	N/A	Gas	Gas
397	Apr	Federal	Presidential Gardens	46 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
398	Apr	Federal	Presidential Gardens	47 Evergreen Dr	Haverhill	1	National Grid	1491	994	0	4.93	N/A	Gas	Gas
399	Apr	Federal	Presidential Gardens	48 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
400	Apr	Federal	Presidential Gardens	49 Evergreen Dr	Haverhill	1	National Grid	1491	994	0	4.93	N/A	Gas	Gas
401	Apr	Federal	Presidential Gardens	5 Evergreen Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
402	Apr	Federal	Presidential Gardens	50 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
403	Apr	Federal	Presidential Gardens	51 Evergreen Dr	Haverhill	1	National Grid	1491	994	0	4.93	N/A	Gas	Gas
404	Apr	Federal	Presidential Gardens	52 Presidential Dr	Haverhill	1	National Grid	966	966	0	4.93	N/A	Gas	Gas
405	Apr	Federal	Presidential Gardens	53 Evergreen Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
406	Apr	Federal	Presidential Gardens	54 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
407	Apr	Federal	Presidential Gardens	55 Evergreen Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
408	Apr	Federal	Presidential Gardens	56 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
409	Apr	Federal	Presidential Gardens	58 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
410	Apr	Federal	Presidential Gardens	6 Presidential Dr	Haverhill	1	National Grid	1470	980	0	4.93	N/A	Gas	Gas
411	Apr	Federal	Presidential Gardens	60 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
412	Apr	Federal	Presidential Gardens	62 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
413	Apr	Federal	Presidential Gardens	64 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	4.93	N/A	Gas	Gas
414	Apr	Federal	Presidential Gardens	66 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
415	Apr	Federal	Presidential Gardens	68 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
416	Apr	Federal	Presidential Gardens	7 Evergreen Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
417	Apr	Federal	Presidential Gardens	70 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
418	Apr	Federal	Presidential Gardens	72 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
419	Apr	8497	Presidential Gardens	74 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
420	Apr	Federal	Presidential Gardens	76 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
421	Apr	Federal	Presidential Gardens	78 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
422	Apr	Federal	Presidential Gardens	8 Presidential Dr	Haverhill	1	National Grid	1470	980	0	4.93	N/A	Gas	Gas
423	Apr	Federal	Presidential Gardens	80 Presidential Dr	Haverhill	1	National Grid	994	994	0	4.93	N/A	Gas	Gas
424	Apr	Federal	Presidential Gardens	82 Presidential Dr	Haverhill	1	National Grid	980	980	0	4.93	N/A	Gas	Gas
425	Apr	7541	Triangle Rentals	186 Suffolk St	Lowell	10	National Grid	13000	13000	2600	N/A	3.90	Gas	Gas
426	Apr	7540	Triangle Rentals	199 Broadway St	Lowell	6	National Grid	8730	8730	2730	N/A	1.77	Gas	Gas
427	Apr	6533	Triangle Rentals	387 Market Street	Lowell	6	National Grid	10980	10980	2520	N/A	2.34	Gas	Gas
428	Apr	7542	Triangle Rentals	404 Fletcher St	Lowell	4	National Grid	4266	4266	1066	N/A	2.40	Gas	Gas
429	May	5053	11 Bradford	11 Bradford St	Lawrence	5	National Grid	5167	3618	1549	N/A	1.23	Gas	Gas
430	May	4719	17 Elm Street	17 Elm St.	Quincy	9	National Grid	6022	4560	1592	3.01	N/A	Gas	Gas
431	May	4735	20 Holmes Street	20 Holmes St.	Quincy	17	National Grid	5925	5925	2223	7.24	N/A	Gas	Gas
432	May	9018	263 Essex Street	263 Essext St	Lynn	10	National Grid	10824	8302	2522	6.49	N/A	Oil	Gas
433	May	9312	557 Pleasant St (FED)	557 Pleasant St	Malden	172	National Grid	161456	148266	80616	9.30	N/A	Electric	Gas
434	May	9293	630 Salem St (FED)	630 Salem St	Malden	216	National Grid	172830	155547	61698	6.76	N/A	Gas	Gas
435	May	4364	Allencrest	3 Crossman Avenue	Leominster	2	National Grid	1454	1454	754	N/A	3.45	Gas	Gas
436	May	9220	Allencrest	ncrest Community Center (138 Viscoloid A	Leominster	1	National Grid	2000	2000	1999	4.14	N/A	Gas	Gas
437	May	9221	Allencrest	Maintenance Garage (136 Viscoloid Ave)	Leominster	1	National Grid	1000	1000	999	3.30	N/A	Gas	Gas
438	May	6587	Anne O'Connor VIllage	Bartlett House	Leominster	8	National Grid	6318	6318	2318	10.19	N/A	Electric	Electric
439	May	6588	Anne O'Connor VIllage	Blossom House	Leominster	8	National Grid	6318	6318	2318	10.19	N/A	Electric	Electric
440	May	6589	Anne O'Connor VIllage	Community Building	Leominster	1	National Grid	2040	2040	0	10.19	N/A	Electric	Electric

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
441	May	6590	Anne O'Connor VIllage	George House	Leominster	8	National Grid	6318	6318	2318	10.19	N/A	Electric	Electric
442	May	6591	Anne O'Connor VIllage	Hale House	Leominster	8	National Grid	6318	6318	2318	10.19	N/A	Electric	Electric
443	May	6592	Anne O'Connor VIllage	Iliad House	Leominster	8	National Grid	6318	6318	2318	10.19	N/A	Electric	Electric
444	May	9376	Brookside Terrace	12 Village Dr	Southbridge	4	National Grid	5930	5930	1326	N/A	9.41	Gas	Gas
445	May	9378	Brookside Terrace	13 Village Dr	Southbridge	4	National Grid	5930	5930	1326	N/A	4.40	Gas	Gas
446	May	9379	Brookside Terrace	19 Village Dr	Southbridge	12	National Grid	12445	12445	2056	N/A	6.39	Gas	Gas
447	May	9380	Brookside Terrace	20 Village Dr	Southbridge	12	National Grid	12445	12445	2056	N/A	5.48	Gas	Gas
448	May	9381	Brookside Terrace	21 Village Dr	Southbridge	12	National Grid	12445	12445	2056	N/A	3.78	Gas	Gas
449	May	9382	Brookside Terrace	22 Village Dr	Southbridge	4	National Grid	5930	5930	1326	N/A	7.62	Gas	Gas
450	May	9383	Brookside Terrace	23 Village Dr	Southbridge	4	National Grid	5930	5930	1326	N/A	4.33	Gas	Gas
451	May	9384	Brookside Terrace	24 Village Dr	Southbridge	12	National Grid	12445	12445	2056	N/A	7.69	Gas	Gas
452	May	9385	Brookside Terrace	25 Village Dr	Southbridge	12	National Grid	12445	12445	2056	N/A	4.70	Gas	Gas
453	May	9386	Brookside Terrace	26 Village Dr	Southbridge	12	National Grid	12445	12445	2056	N/A	5.59	Gas	Gas
454	May	9387	Brookside Terrace	27 Village Dr	Southbridge	12	National Grid	12445	12445	2056	N/A	5.24	Gas	Gas
455	May	9388	Brookside Terrace	28 Village Dr	Southbridge	12	National Grid	12445	12445	2056	N/A	5.46	Gas	Gas
456	May	9389	Brookside Terrace	29 Village Dr	Southbridge	12	National Grid	12445	12445	2056	N/A	5.53	Gas	Gas
457	May	9390	Brookside Terrace	30 Village Dr	Southbridge	12	National Grid	12445	12445	2056	N/A	4.95	Gas	Gas
458	May	9391	Brookside Terrace	31 Village Dr	Southbridge	12	National Grid	12445	12445	2056	N/A	6.47	Gas	Gas
459	May	9374	Brookside Terrace	5 Village Dr	Southbridge	4	National Grid	5930	5930	1326	N/A	5.17	Gas	Gas
460	May	9375	Brookside Terrace	6 Village Dr	Southbridge	4	National Grid	5930	5930	1326	N/A	7.69	Gas	Gas
461	May	9474	Brookside Terrace	Office	Southbridge	1	National Grid	2095	2095	0	11.87	N/A	Gas	Gas
462	May	9392	Brookside Terrace	Townhouse 1-4	Southbridge	4	National Grid	6006	6006	262	N/A	13.26	Gas	Gas
463	May	9394	Brookside Terrace	Townhouse 14-17	Southbridge	4	National Grid	6006	6006	262	N/A	17.85	Gas	Gas
464	May	9393	Brookside Terrace	Townhouse 7-10	Southbridge	4	National Grid	6006	6006	262	N/A	8.02	Gas	Gas
465	May	9501	Curtis B. Clark	99 Prospect St	Gloucester	56	National Grid	50294	43854	22294	5.75	N/A	Gas	Gas
466	May	6618	Forestdale	1 Kimball St - A	Malden	20	National Grid	14112	9408	7112	5.13	N/A	Gas	Gas
467	May	9132	Forestdale	2 Sylvan St - C	Malden	32	National Grid	23040	15360	11840	11.88	N/A	Gas	Gas
468	May	9400	Hale St.	182 Hale St	Lowell	4	National Grid	3400	1700	1700	9.44	N/A	Electric	Electric
469	May	9398	Hale St.	196 Hale St	Lowell	4	National Grid	3400	1700	1700	9.44	N/A	Electric	Electric
470	May	9397	Hale St.	198 Hale St	Lowell	3	National Grid	2800	1400	1400	9.44	N/A	Electric	Electric
471	May	6586	Lapierre East	161 SPRUCE STREET	Leominster	104	National Grid	73776	73776	21776	12.00	N/A	Electric	Electric
472	May	6534	Laurie Drive	33-39 LAURIE DRIVE	Leominster	16	National Grid	12791	9210	4791	3.53	N/A	Gas	Gas
473	May	6580	Laurie Drive	43-49 LAURIE DRIVE	Leominster	15	National Grid	12791	9210	4791	3.53	N/A	Gas	Gas
474	May	9165	Newland (FED)	101-107 Newland St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
475	May	9161	Newland (FED)	106-112 Newland St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
476	May	9284	Newland (FED)	112-118 Alden St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
477	May	9170	Newland (FED)	114-120 Newland St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
478	May	9283	Newland (FED)	114-120 Sammett St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
479	May	9191	Newland (FED)	119-125 Alden St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
480	May	9179	Newland (FED)	122-128 Sammett St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
481	May	9150	Newland (FED)	122-132 Alden St	Malden	4	National Grid	9800	7300	3500	5.45	N/A	Gas	Gas
482	May	9156	Newland (FED)	128-134 Newland St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
483	May	9171	Newland (FED)	130-136 Sammett St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
484	May	9162	Newland (FED)	135-141 Newland St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
485	May	9285	Newland (FED)	136-142 Newland St	Malden	4	National Grid	5700	3600	2100	5.45	N/A	Gas	Gas
486	May	9180	Newland (FED)	138-144 Sammett St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
487	May	9168	Newland (FED)	144-150 Bowdoin St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
488	May	9154	Newland (FED)	144-150 Newland St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
489	May	9169	Newland (FED)	146-152 Sammett St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
490	May	9146	Newland (FED)	147-153 Bowdoin St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
491	May	9164	Newland (FED)	154-160 Bowdoin St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
492	May	9160	Newland (FED)	154-160 Newland St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
493	May	9142	Newland (FED)	157-163 Bowdoin St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
494	May	9153	Newland (FED)	162-168 Newland St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
495	May	9286	Newland (FED)	162-168 Sammett St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas

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496	May	9167	Newland (FED)	166-172 Bowdoin St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
497	May	9147	Newland (FED)	167-173 Bowdoin St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
498	May	9152	Newland (FED)	170-176 Newland St	Malden	4	National Grid	5700	3600	2100	5.45	N/A	Gas	Gas
499	May	9287	Newland (FED)	170-176 Sammett St	Malden	4	National Grid	5700	3600	2100	5.45	N/A	Gas	Gas
500	May	9163	Newland (FED)	176-182 Bowdoin St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
501	May	9143	Newland (FED)	177-183 Bowdoin St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
502	May	9151	Newland (FED)	178-184 Newland St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
503	May	9288	Newland (FED)	178-184 Sammett St	Malden	4	National Grid	5700	3600	2100	5.45	N/A	Gas	Gas
504	May	9166	Newland (FED)	186-192 Bowdoin St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
505	May	9159	Newland (FED)	186-192 Newland St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
506	May	9291	Newland (FED)	186-192 Sammett St	Malden	4	National Grid	5700	3600	2100	5.45	N/A	Gas	Gas
507	May	9144	Newland (FED)	189-195 Alden St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
508	May	9178	Newland (FED)	194-200 Sammett St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
509	May	9186	Newland (FED)	199-205 Sammett St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
510	May	9173	Newland (FED)	208-214 Sammett St	Malden	4	National Grid	5700	3600	2100	5.45	N/A	Gas	Gas
511	May	9176	Newland (FED)	209-215 Newland St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
512	May	9193	Newland (FED)	216-222 Newland St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
513	May	9185	Newland (FED)	217-223 Sammett St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
514	May	9174	Newland (FED)	218-224 Sammett St	Malden	4	National Grid	5700	3600	2100	5.45	N/A	Gas	Gas
515	May	9184	Newland (FED)	223-229 Newland St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
516	May	9194	Newland (FED)	230-236 Newland St	Malden	4	National Grid	5700	3600	2100	5.45	N/A	Gas	Gas
517	May	9177	Newland (FED)	231-237 Newland St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
518	May	9196	Newland (FED)	233-239 Sammett St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
519	May	9183	Newland (FED)	239-245 Newland St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
520	May	9190	Newland (FED)	240-246 Sammett St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
521	May	9192	Newland (FED)	244-250 Newland St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
522	May	9198	Newland (FED)	270-276 Newland St	Malden	4	National Grid	5700	3600	2100	5.45	N/A	Gas	Gas
523	May	9292	Newland (FED)	275 Newland (Comm/office)	Malden	1	National Grid	7800	3900	7799	5.45	N/A	Gas	Gas
524	May	9195	Newland (FED)	284-290 Newland St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
525	May	9187	Newland (FED)	285-291 Newland St	Malden	4	National Grid	5700	3600	2100	5.45	N/A	Gas	Gas
526	May	9189	Newland (FED)	293-299 Newland St	Malden	4	National Grid	5700	3600	2100	5.45	N/A	Gas	Gas
527	May	9188	Newland (FED)	301-307 Newland St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
528	May	9145	Newland (FED)	94-100 Alden St	Malden	4	National Grid	5700	3600	2100	5.45	N/A	Gas	Gas
529	May	6581	Notre Dame Apartments	10-18 NOTRE DAME	Leominster	20	National Grid	11502	11502	1502	4.53	N/A	Gas	Gas
530	May	6582	Notre Dame Apartments	214-216 ARLINGTON STREET	Leominster	8	National Grid	4590	4590	590	4.53	N/A	Gas	Gas
531	May	6583	Notre Dame Apartments	22-24 NOTRE DAME	Leominster	2	National Grid	2848	2848	1848	4.53	N/A	Gas	Gas
532	May	6584	Notre Dame Apartments	28-36 NOTRE DAME	Leominster	20	National Grid	11502	11502	1502	4.53	N/A	Gas	Gas
533	May	4353	Sheedy Park	88 Pleasant St	Gloucester	81	National Grid	64860	64860	12210	5.47	N/A	Gas	Gas
534	May	6617	Springdale	157-163 Oliver St; 65-65A Springdale St	Malden	28	National Grid	18432	12288	6144	3.98	N/A	Gas	Gas
535	May	6585	Sunset Towers	100 MAIN STREET	Leominster	117	National Grid	81640	81640	23140	14.09	N/A	Electric	Electric
536	Jun	9294	312 Bryant St (FED)	Building 1	Malden	8	National Grid	4324	4324	0	6.08	N/A	Gas	Gas
537	Jun	9304	312 Bryant St (FED)	Building 10	Malden	8	National Grid	4324	4324	0	6.08	N/A	Gas	Gas
538	Jun	9305	312 Bryant St (FED)	Building 11	Malden	4	National Grid	2162	2162	0	6.08	N/A	Gas	Gas
539	Jun	9306	312 Bryant St (FED)	Building 12	Malden	4	National Grid	2162	2162	0	6.08	N/A	Gas	Gas
540	Jun	9307	312 Bryant St (FED)	Building 13	Malden	4	National Grid	2162	2162	0	6.08	N/A	Gas	Gas
541	Jun	9308	312 Bryant St (FED)	Building 14	Malden	4	National Grid	2162	2162	0	6.08	N/A	Gas	Gas
542	Jun	9309	312 Bryant St (FED)	Building 15	Malden	8	National Grid	4324	4324	0	6.08	N/A	Gas	Gas
543	Jun	9295	312 Bryant St (FED)	Building 2	Malden	8	National Grid	4324	4324	0	6.08	N/A	Gas	Gas
544	Jun	9296	312 Bryant St (FED)	Building 3	Malden	4	National Grid	2162	2162	0	6.08	N/A	Gas	Gas
545	Jun	9297	312 Bryant St (FED)	Building 4	Malden	4	National Grid	2162	2162	0	6.08	N/A	Gas	Gas
546	Jun	9298	312 Bryant St (FED)	Building 5	Malden	8	National Grid	4324	4324	0	6.08	N/A	Gas	Gas
547	Jun	9299	312 Bryant St (FED)	Building 6	Malden	4	National Grid	2162	2162	0	6.08	N/A	Gas	Gas
548	Jun	9300	312 Bryant St (FED)	Building 7	Malden	10	National Grid	5405	5405	0	6.08	N/A	Gas	Gas
549	Jun	9301	312 Bryant St (FED)	Building 8	Malden	8	National Grid	4324	4324	0	6.08	N/A	Gas	Gas
550	Jun	9303	312 Bryant St (FED)	Building 9	Malden	12	National Grid	6486	6486	0	6.08	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
551	Jun	9310	312 Bryant St (FED)	Community Building	Malden	1	National Grid	9408	9408	9407	6.08	N/A	Gas	Gas
552	Jun	9313	89 Pearl St (FED)	89 Pearl St	Malden	110	National Grid	77478	77478	18303	7.74	N/A	Gas	Gas
553	Jun	6619	Clement St	14-16 Clement Street	Malden	19	National Grid	10192	7644	5442	5.36	N/A	Gas	Gas
554	Jun	9525	Diamond Spring Gardens	1 Beacon Avenue	Lawrence	97	National Grid	77266	77266	9141	N/A	28.80	Gas	Gas
555	Jun	7711	Farnham Apartments	211 Farnham Street	Lawrence	3	National Grid	4280	3240	1040	N/A	0.81	Gas	Electric
556	Jun	7712	Farnham Apartments	213 Farnham Street	Lawrence	3	National Grid	4280	3240	1040	N/A	11.87	Gas	Gas
557	Jun	9131	Forestdale	427 Forest St - B	Malden	51	National Grid	33984	22656	16134	4.97	N/A	Gas	Gas
558	Jun	8786	Hartley Terrace	52 Hartley St Building A	Webster	18	National Grid	19008	19008	7399	1.25	N/A	Gas	Gas
559	Jun	8788	Hartley Terrace	52 Hartley St Building B	Webster	18	National Grid	19008	19008	7399	1.37	N/A	Gas	Gas
560	Jun	8789	Hartley Terrace	52 Hartley St Building C	Webster	18	National Grid	19008	19008	7399	1.50	N/A	Gas	Gas
561	Jun	8882	Kendrigan Place	10 Winter Street	Quincy	78	National Grid	87459	87459	25059	2.51	N/A	Gas	Gas
562	Jun	4265	Lincoln Park	1-4 LINCOLN PARK	Gloucester	4	National Grid	1898	1898	98	5.59	N/A	Gas	Gas
563	Jun	4273	Lincoln Park	17-20 LINCOLN PARK	Gloucester	4	National Grid	1943	1943	143	2.26	N/A	Gas	Gas
564	Jun	8899	Meadowbrook	1	Northampton	12	National Grid	12019	12019	1093	N/A	9.71	Gas	Gas
565	Jun	8902	Meadowbrook	2	Northampton	12	National Grid	14137	14137	1285	N/A	17.03	Gas	Gas
566	Jun	8905	Meadowbrook	3	Northampton	12	National Grid	12019	12019	1093	N/A	7.24	Gas	Gas
567	Jun	8908	Meadowbrook	5	Northampton	12	National Grid	12019	12019	1093	N/A	7.09	Gas	Gas
568	Jun	8922	Meadowbrook	8	Northampton	2	National Grid	2756	2756	100	N/A	11.01	Gas	Gas
569	Jun	8924	Meadowbrook	9	Northampton	2	National Grid	2756	2756	100	N/A	17.20	Gas	Gas
570	Jun	8925	Meadowbrook	10	Northampton	2	National Grid	2756	2756	100	N/A	8.07	Gas	Gas
571	Jun	8926	Meadowbrook	11	Northampton	2	National Grid	2756	2756	100	N/A	31.96	Gas	Gas
572	Jun	8927	Meadowbrook	12	Northampton	2	National Grid	2800	2800	100	N/A	11.60	Gas	Gas
573	Jun	8933	Meadowbrook	13	Northampton	2	National Grid	2756	2756	100	N/A	23.02	Gas	Gas
574	Jun	8928	Meadowbrook	14	Northampton	2	National Grid	2800	2800	100	N/A	6.28	Gas	Gas
575	Jun	8934	Meadowbrook	15	Northampton	2	National Grid	2756	2756	100	N/A	18.86	Gas	Gas
576	Jun	8929	Meadowbrook	16	Northampton	2	National Grid	2800	2800	100	N/A	8.99	Gas	Gas
577	Jun	8935	Meadowbrook	17	Northampton	2	National Grid	2756	2756	100	N/A	32.40	Gas	Gas
578	Jun	8930	Meadowbrook	18	Northampton	2	National Grid	2800	2800	100	N/A	7.14	Gas	Gas
579	Jun	8932	Meadowbrook	19	Northampton	2	National Grid	2800	2800	100	N/A	12.04	Gas	Gas
580	Jun	8936	Meadowbrook	20	Northampton	12	National Grid	12019	12019	1093	N/A	24.05	Gas	Gas
581	Jun	8937	Meadowbrook	21	Northampton	12	National Grid	13032	13032	1185	N/A	14.93	Gas	Gas
582	Jun	8938	Meadowbrook	23	Northampton	12	National Grid	12019	12019	1093	N/A	12.89	Gas	Gas
583	Jun	8939	Meadowbrook	24	Northampton	12	National Grid	13032	13032	1185	N/A	11.75	Gas	Gas
584	Jun	8941	Meadowbrook	25	Northampton	12	National Grid	12694	12694	1154	N/A	15.20	Gas	Gas
585	Jun	8943	Meadowbrook	26	Northampton	12	National Grid	13032	13032	1185	N/A	12.23	Gas	Gas
586	Jun	8944	Meadowbrook	27	Northampton	12	National Grid	14137	14137	1285	N/A	10.24	Gas	Gas
587	Jun	8945	Meadowbrook	28	Northampton	12	National Grid	14137	14137	1285	N/A	18.09	Gas	Gas
588	Jun	8946	Meadowbrook	29	Northampton	12	National Grid	14137	14137	1285	N/A	11.79	Gas	Gas
589	Jun	8906	Meadowbrook	4L	Northampton	12	National Grid	12019	12019	1093	N/A	9.94	Gas	Gas
590	Jun	8907	Meadowbrook	4R	Northampton	12	National Grid	12019	12019	1093	N/A	7.83	Gas	Gas
591	Jun	8918	Meadowbrook	6L	Northampton	12	National Grid	12019	12019	1093	N/A	9.44	Gas	Gas
592	Jun	8919	Meadowbrook	6R	Northampton	12	National Grid	12019	12019	1093	N/A	8.15	Gas	Gas
593	Jun	8920	Meadowbrook	7L	Northampton	12	National Grid	12019	12019	1093	N/A	8.72	Gas	Gas
594	Jun	8921	Meadowbrook	7R	Northampton	12	National Grid	12019	12019	1093	N/A	14.10	Gas	Gas
595	Jun	9197	Newland (FED)	302-308 Newland St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
596	Jun	9181	Newland (FED)	61-67 Alden St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
597	Jun	9172	Newland (FED)	69-75 Alden St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
598	Jun	9149	Newland (FED)	76-82 Alden St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
599	Jun	9182	Newland (FED)	77-83 Alden St	Malden	4	National Grid	5700	3800	1900	5.45	N/A	Gas	Gas
600	Jun	9148	Newland (FED)	84-90 Alden St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
601	Jun	9175	Newland (FED)	91-97 Newland St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
602	Jun	9158	Newland (FED)	98-104 Newland St	Malden	4	National Grid	4500	3000	1500	5.45	N/A	Gas	Gas
603	Jun	8887	Parkside Village	193 Hildreth Street	Lowell	12	National Grid	9720	9720	1920	N/A	1.92	Gas	Gas
604	Jun	8888	Parkside Village	195 Hildreth Street	Lowell	1	National Grid	540	540	100	13.60	N/A	Gas	Gas
605	Jun	8889	Parkside Village	197 Hildreth Street	Lowell	12	National Grid	9720	9720	1920	N/A	1.92	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
606	Jun	8890	Parkside Village	199 Hildreth Street	Lowell	24	National Grid	19050	19050	3465	N/A	4.27	Gas	Gas
607	Jun	8891	Parkside Village	203 Hildreth Street	Lowell	12	National Grid	9720	9720	1920	N/A	1.92	Gas	Gas
608	Jun	8892	Parkside Village	205 Hildreth Street	Lowell	12	National Grid	9720	9720	1920	N/A	1.92	Gas	Gas
609	Jun	8893	Parkside Village	207 Hildreth St	Lowell	12	National Grid	9720	9720	1920	N/A	1.92	Gas	Gas
610	Jun	8884	Parkside Village	77 Richardson Street	Lowell	11	National Grid	9540	9540	2800	N/A	1.29	Gas	Gas
611	Jun	8885	Parkside Village	85 Richardson Street	Lowell	11	National Grid	9540	9540	2800	N/A	2.87	Gas	Gas
612	Jun	8886	Parkside Village	88 Richardson Street	Lowell	4	National Grid	3360	3360	496	N/A	3.47	Gas	Gas
613	Jun	4291A	Poplar Park	51 Poplar Park	Gloucester	1	National Grid	486	486	36	2.89	N/A	Gas	Gas
614	Jun	4293A	Poplar Park	59 Poplar Park	Gloucester	1	National Grid	486	486	36	0.71	N/A	Gas	Gas
615	Jun	4294A	Poplar Park	63 Poplar Park	Gloucester	1	National Grid	486	486	36	2.70	N/A	Gas	Gas
616	Jun	8504	Presidential Gardens	140 Evergreen Dr (Comm Bldg)	Haverhill	1	National Grid	3362	2605	3361	8.34	N/A	Gas	Gas
617	Jun	8898	Wellington Community	84 Murray Ave	Worcester	8	National Grid	12800	12800	4600	N/A	2.83	Gas	Gas
618	Jun	9137	Scattered Site (FED)	117 Beachview	Malden	1	National Grid	1608	1608	0	6.78	N/A	Gas	Gas
619	Jun	9138	Scattered Site (FED)	118/120 Beachview	Malden	2	National Grid	3304	2228	1076	6.37	N/A	Gas	Gas
620	Jun	9139	Scattered Site (FED)	121/123 Beachview	Malden	2	National Grid	3304	2228	1076	4.52	N/A	Gas	Gas
621	Jun	9314	Scattered Site (FED)	124/126 Beachview Ave	Malden	2	National Grid	3304	2228	1076	7.49	N/A	Gas	Gas
622	Jun	9136	Scattered Site (FED)	131 Converse	Malden	1	National Grid	2652	1768	0	4.24	N/A	Gas	Gas
623	Jun	9315	Scattered Site (FED)	14 Mauriello Dr	Malden	2	National Grid	3304	2228	1076	5.23	N/A	Gas	Gas
624	Jun	9316	Scattered Site (FED)	161/163 Adams St	Malden	2	National Grid	3304	2228	1076	4.75	N/A	Gas	Gas
625	Jun	9317	Scattered Site (FED)	20/22 Spring St	Malden	2	National Grid	3464	2336	1128	6.83	N/A	Gas	Gas
626	Jun	1007A	Snug Harbor	1 Yardarm Lane A	Quincy	1	National Grid	1012.5	675	337.5	3.48	N/A	Gas	Gas
627	Jun	1007B	Snug Harbor	1 Yardarm Lane B	Quincy	1	National Grid	1510.5	1007	503.5	3.48	N/A	Gas	Gas
628	Jun	1007C	Snug Harbor	1 Yardarm Lane C	Quincy	1	National Grid	1510.5	1007	503.5	3.48	N/A	Gas	Gas
629	Jun	1007D	Snug Harbor	1 Yardarm Lane D	Quincy	1	National Grid	1012.5	675	337.5	3.48	N/A	Gas	Gas
630	Jun	10031A	Snug Harbor	10 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	3.06	N/A	Gas	Gas
631	Jun	10031B	Snug Harbor	10 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	3.06	N/A	Gas	Gas
632	Jun	10031C	Snug Harbor	10 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	3.06	N/A	Gas	Gas
633	Jun	10031D	Snug Harbor	10 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	3.06	N/A	Gas	Gas
634	Jun	10072A	Snug Harbor	100 Taffrail A	Quincy	1	National Grid	1050	700	350	4.47	N/A	Gas	Gas
635	Jun	10072B	Snug Harbor	100 Taffrail B	Quincy	1	National Grid	1222.5	815	407.5	4.47	N/A	Gas	Gas
636	Jun	10072C	Snug Harbor	100 Taffrail C	Quincy	1	National Grid	1222.5	815	407.5	4.47	N/A	Gas	Gas
637	Jun	10072D	Snug Harbor	100 Taffrail D	Quincy	1	National Grid	1050	700	350	4.47	N/A	Gas	Gas
638	Jun	10001A	Snug Harbor	101 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	2.73	N/A	Gas	Gas
639	Jun	10001B	Snug Harbor	101 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	2.73	N/A	Gas	Gas
640	Jun	10001C	Snug Harbor	101 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	2.73	N/A	Gas	Gas
641	Jun	10001D	Snug Harbor	101 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	2.73	N/A	Gas	Gas
642	Jun	10041A	Snug Harbor	103 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	4.60	N/A	Gas	Gas
643	Jul	10041B	Snug Harbor	103 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	4.60	N/A	Gas	Gas
644	Jul	10041C	Snug Harbor	103 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	4.60	N/A	Gas	Gas
645	Jul	10041D	Snug Harbor	103 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	4.60	N/A	Gas	Gas
646	Jul	10069A	Snug Harbor	105 Taffrail Road A	Quincy	1	National Grid	960	640	320	3.96	N/A	Gas	Gas
647	Jul	10069B	Snug Harbor	105 Taffrail Road B	Quincy	1	National Grid	1576.5	1051	525.5	3.96	N/A	Gas	Gas
648	Jul	10069C	Snug Harbor	105 Taffrail Road C	Quincy	1	National Grid	1576.5	1051	525.5	3.96	N/A	Gas	Gas
649	Jul	10069D	Snug Harbor	105 Taffrail Road D	Quincy	1	National Grid	960	640	320	3.96	N/A	Gas	Gas
650	Jul	10042A	Snug Harbor	109 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	5.17	N/A	Gas	Gas
651	Jul	10042B	Snug Harbor	109 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	5.17	N/A	Gas	Gas
652	Jul	10042C	Snug Harbor	109 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	5.17	N/A	Gas	Gas
653	Jul	10042D	Snug Harbor	109 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	5.17	N/A	Gas	Gas
654	Jul	10014A	Snug Harbor	11 Binnacle A	Quincy	1	National Grid	1042.5	695	347.5	3.52	N/A	Gas	Gas
655	Jul	10014B	Snug Harbor	11 Binnacle B	Quincy	1	National Grid	1515	1010	505	3.52	N/A	Gas	Gas
656	Jul	10014C	Snug Harbor	11 Binnacle C	Quincy	1	National Grid	1515	1010	505	3.52	N/A	Gas	Gas
657	Jul	10014D	Snug Harbor	11 Binnacle D	Quincy	1	National Grid	1042.5	695	347.5	3.52	N/A	Gas	Gas
658	Jul	10032A	Snug Harbor	11 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	3.30	N/A	Gas	Gas
659	Jul	10032B	Snug Harbor	11 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	3.30	N/A	Gas	Gas
660	Jul	10032C	Snug Harbor	11 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	3.30	N/A	Gas	Gas

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661	Jul	10032D	Snug Harbor	11 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	3.30	N/A	Gas	Gas
662	Jul	10043A	Snug Harbor	115 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	3.70	N/A	Gas	Gas
663	Jul	10043B	Snug Harbor	115 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	3.70	N/A	Gas	Gas
664	Jul	10043C	Snug Harbor	115 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	3.70	N/A	Gas	Gas
665	Jul	10043D	Snug Harbor	115 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	3.70	N/A	Gas	Gas
666	Jul	9986A	Snug Harbor	12 Figurehead Lane A	Quincy	1	National Grid	1012.5	675	337.5	3.65	N/A	Gas	Gas
667	Jul	9986B	Snug Harbor	12 Figurehead Lane B	Quincy	1	National Grid	1510.5	1007	503.5	3.65	N/A	Gas	Gas
668	Jul	9986C	Snug Harbor	12 Figurehead Lane C	Quincy	1	National Grid	1510.5	1007	503.5	3.65	N/A	Gas	Gas
669	Jul	9986D	Snug Harbor	12 Figurehead Lane D	Quincy	1	National Grid	1012.5	675	337.5	3.65	N/A	Gas	Gas
670	Jul	10058A	Snug Harbor	12 Yardam A	Quincy	1	National Grid	1042.5	695	347.5	4.21	N/A	Gas	Gas
671	Jul	10058B	Snug Harbor	12 Yardam B	Quincy	1	National Grid	1515	1010	505	4.21	N/A	Gas	Gas
672	Jul	10058C	Snug Harbor	12 Yardam C	Quincy	1	National Grid	1515	1010	505	4.21	N/A	Gas	Gas
673	Jul	10058D	Snug Harbor	12 Yardam D	Quincy	1	National Grid	1042.5	695	347.5	4.21	N/A	Gas	Gas
674	Jul	10002A	Snug Harbor	120 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	5.23	N/A	Gas	Gas
675	Jul	10002B	Snug Harbor	120 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	5.23	N/A	Gas	Gas
676	Jul	10002C	Snug Harbor	120 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	5.23	N/A	Gas	Gas
677	Jul	10002D	Snug Harbor	120 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	5.23	N/A	Gas	Gas
678	Jul	10044A	Snug Harbor	121 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	5.59	N/A	Gas	Gas
679	Jul	10044B	Snug Harbor	121 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	5.59	N/A	Gas	Gas
680	Jul	10044C	Snug Harbor	121 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	5.59	N/A	Gas	Gas
681	Jul	10044D	Snug Harbor	121 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	5.59	N/A	Gas	Gas
682	Jul	10073A	Snug Harbor	130 Taffrail A	Quincy	1	National Grid	1050	700	350	3.99	N/A	Gas	Gas
683	Jul	10073B	Snug Harbor	130 Taffrail B	Quincy	1	National Grid	1222.5	815	407.5	3.99	N/A	Gas	Gas
684	Jul	10073C	Snug Harbor	130 Taffrail C	Quincy	1	National Grid	1222.5	815	407.5	3.99	N/A	Gas	Gas
685	Jul	10073D	Snug Harbor	130 Taffrail D	Quincy	1	National Grid	1050	700	350	3.99	N/A	Gas	Gas
686	Jul	9978A	Snug Harbor	14 Bicknell A	Quincy	1	National Grid	1042.5	695	347.5	4.70	N/A	Gas	Gas
687	Jul	9978B	Snug Harbor	14 Bicknell B	Quincy	1	National Grid	1515	1010	505	4.70	N/A	Gas	Gas
688	Jul	9978C	Snug Harbor	14 Bicknell C	Quincy	1	National Grid	1515	1010	505	4.70	N/A	Gas	Gas
689	Jul	9978D	Snug Harbor	14 Bicknell D	Quincy	1	National Grid	1042.5	695	347.5	4.70	N/A	Gas	Gas
690	Jul	9994A	Snug Harbor	14 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	4.13	N/A	Gas	Gas
691	Jul	9994B	Snug Harbor	14 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	4.13	N/A	Gas	Gas
692	Jul	9994C	Snug Harbor	14 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	4.13	N/A	Gas	Gas
693	Jul	9994D	Snug Harbor	14 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	4.13	N/A	Gas	Gas
694	Jul	10074A	Snug Harbor	144 Taffrail A	Quincy	1	National Grid	1050	700	350	5.43	N/A	Gas	Gas
695	Jul	10074B	Snug Harbor	144 Taffrail B	Quincy	1	National Grid	1222.5	815	407.5	5.43	N/A	Gas	Gas
696	Jul	10074C	Snug Harbor	144 Taffrail C	Quincy	1	National Grid	1222.5	815	407.5	5.43	N/A	Gas	Gas
697	Jul	10074D	Snug Harbor	144 Taffrail D	Quincy	1	National Grid	1050	700	350	5.43	N/A	Gas	Gas
698	Jul	9991A	Snug Harbor	15 Quadrant A	Quincy	1	National Grid	1012.5	675	337.5	6.09	N/A	Gas	Gas
699	Jul	9991B	Snug Harbor	15 Quadrant B	Quincy	1	National Grid	1510.5	1007	503.5	6.09	N/A	Gas	Gas
700	Jul	9991C	Snug Harbor	15 Quadrant C	Quincy	1	National Grid	1510.5	1007	503.5	6.09	N/A	Gas	Gas
701	Jul	9991D	Snug Harbor	15 Quadrant D	Quincy	1	National Grid	1012.5	675	337.5	6.09	N/A	Gas	Gas
702	Jul	10045A	Snug Harbor	165 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	3.92	N/A	Gas	Gas
703	Jul	10045B	Snug Harbor	165 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	3.92	N/A	Gas	Gas
704	Jul	10045C	Snug Harbor	165 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	3.92	N/A	Gas	Gas
705	Jul	10045D	Snug Harbor	165 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	3.92	N/A	Gas	Gas
706	Jul	10046A	Snug Harbor	168 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	3.67	N/A	Gas	Gas
707	Jul	10046B	Snug Harbor	168 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	3.67	N/A	Gas	Gas
708	Jul	10046C	Snug Harbor	168 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	3.67	N/A	Gas	Gas
709	Jul	10046D	Snug Harbor	168 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	3.67	N/A	Gas	Gas
710	Jul	9987A	Snug Harbor	17 Binnacle A	Quincy	1	National Grid	1012.5	675	337.5	3.36	N/A	Gas	Gas
711	Jul	9987B	Snug Harbor	17 Binnacle B	Quincy	1	National Grid	1510.5	1007	503.5	3.36	N/A	Gas	Gas
712	Jul	9987C	Snug Harbor	17 Binnacle C	Quincy	1	National Grid	1510.5	1007	503.5	3.36	N/A	Gas	Gas
713	Jul	9987D	Snug Harbor	17 Binnacle D	Quincy	1	National Grid	1012.5	675	337.5	3.36	N/A	Gas	Gas
714	Jul	10003A	Snug Harbor	177 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	4.11	N/A	Gas	Gas
715	Jul	10003B	Snug Harbor	177 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	4.11	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
716	Jul	10003C	Snug Harbor	177 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	4.11	N/A	Gas	Gas
717	Jul	10003D	Snug Harbor	177 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	4.11	N/A	Gas	Gas
718	Jul	10047A	Snug Harbor	178 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	4.97	N/A	Gas	Gas
719	Jul	10047B	Snug Harbor	178 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	4.97	N/A	Gas	Gas
720	Jul	10047C	Snug Harbor	178 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	4.97	N/A	Gas	Gas
721	Jul	10047D	Snug Harbor	178 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	4.97	N/A	Gas	Gas
722	Jul	10009A	Snug Harbor	18 Yardarm Lane A	Quincy	1	National Grid	1012.5	675	337.5	6.80	N/A	Gas	Gas
723	Jul	10009B	Snug Harbor	18 Yardarm Lane B	Quincy	1	National Grid	1510.5	1007	503.5	6.80	N/A	Gas	Gas
724	Jul	10009C	Snug Harbor	18 Yardarm Lane C	Quincy	1	National Grid	1510.5	1007	503.5	6.80	N/A	Gas	Gas
725	Jul	10009D	Snug Harbor	18 Yardarm Lane D	Quincy	1	National Grid	1012.5	675	337.5	6.80	N/A	Gas	Gas
726	Jul	10048A	Snug Harbor	185 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	5.29	N/A	Gas	Gas
727	Jul	10048B	Snug Harbor	185 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	5.29	N/A	Gas	Gas
728	Jul	10048C	Snug Harbor	185 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	5.29	N/A	Gas	Gas
729	Jul	10048D	Snug Harbor	185 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	5.29	N/A	Gas	Gas
730	Jul	10049A	Snug Harbor	186 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	3.44	N/A	Gas	Gas
731	Jul	10049B	Snug Harbor	186 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	3.44	N/A	Gas	Gas
732	Jul	10049C	Snug Harbor	186 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	3.44	N/A	Gas	Gas
733	Jul	10049D	Snug Harbor	186 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	3.44	N/A	Gas	Gas
734	Jul	10050A	Snug Harbor	189 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	1.98	N/A	Gas	Gas
735	Jul	10050B	Snug Harbor	189 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	1.98	N/A	Gas	Gas
736	Jul	10050C	Snug Harbor	189 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	1.98	N/A	Gas	Gas
737	Jul	10050D	Snug Harbor	189 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	1.98	N/A	Gas	Gas
738	Jul	10077A	Snug Harbor	19 Yardarm A	Quincy	1	National Grid	1050	700	350	3.63	N/A	Gas	Gas
739	Jul	10077B	Snug Harbor	19 Yardarm B	Quincy	1	National Grid	1222.5	815	407.5	3.63	N/A	Gas	Gas
740	Jul	10077C	Snug Harbor	19 Yardarm C	Quincy	1	National Grid	1222.5	815	407.5	3.63	N/A	Gas	Gas
741	Jul	10077D	Snug Harbor	19 Yardarm D	Quincy	1	National Grid	1050	700	350	3.63	N/A	Gas	Gas
742	Jul	10075A	Snug Harbor	191 Taffrail A	Quincy	1	National Grid	1050	700	350	5.08	N/A	Gas	Gas
743	Jul	10075B	Snug Harbor	191 Taffrail B	Quincy	1	National Grid	1222.5	815	407.5	5.08	N/A	Gas	Gas
744	Jul	10075C	Snug Harbor	191 Taffrail C	Quincy	1	National Grid	1222.5	815	407.5	5.08	N/A	Gas	Gas
745	Jul	10075D	Snug Harbor	191 Taffrail D	Quincy	1	National Grid	1050	700	350	5.08	N/A	Gas	Gas
746	Jul	10051A	Snug Harbor	193 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	4.34	N/A	Gas	Gas
747	Jul	10051B	Snug Harbor	193 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	4.34	N/A	Gas	Gas
748	Jul	10051C	Snug Harbor	193 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	4.34	N/A	Gas	Gas
749	Jul	10051D	Snug Harbor	193 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	4.34	N/A	Gas	Gas
750	Jul	10008A	Snug Harbor	2 Yardarm Lane A	Quincy	1	National Grid	1012.5	675	337.5	4.37	N/A	Gas	Gas
751	Jul	10008B	Snug Harbor	2 Yardarm Lane B	Quincy	1	National Grid	1510.5	1007	503.5	4.37	N/A	Gas	Gas
752	Jul	10008C	Snug Harbor	2 Yardarm Lane C	Quincy	1	National Grid	1510.5	1007	503.5	4.37	N/A	Gas	Gas
753	Jul	10008D	Snug Harbor	2 Yardarm Lane D	Quincy	1	National Grid	1012.5	675	337.5	4.37	N/A	Gas	Gas
754	Jul	10012A	Snug Harbor	20 Bicknell A	Quincy	1	National Grid	1042.5	695	347.5	2.77	N/A	Gas	Gas
755	Jul	10012B	Snug Harbor	20 Bicknell B	Quincy	1	National Grid	1515	1010	505	2.77	N/A	Gas	Gas
756	Jul	10012C	Snug Harbor	20 Bicknell C	Quincy	1	National Grid	1515	1010	505	2.77	N/A	Gas	Gas
757	Jul	10012D	Snug Harbor	20 Bicknell D	Quincy	1	National Grid	1042.5	695	347.5	2.77	N/A	Gas	Gas
758	Jul	10016A	Snug Harbor	20 Captains Walk A	Quincy	1	National Grid	1042.5	695	347.5	4.14	N/A	Gas	Gas
759	Jul	10016B	Snug Harbor	20 Captains Walk B	Quincy	1	National Grid	1515	1010	505	4.14	N/A	Gas	Gas
760	Jul	10016C	Snug Harbor	20 Captains Walk C	Quincy	1	National Grid	1515	1010	505	4.14	N/A	Gas	Gas
761	Jul	10016D	Snug Harbor	20 Captains Walk D	Quincy	1	National Grid	1042.5	695	347.5	4.14	N/A	Gas	Gas
762	Jul	9980A	Snug Harbor	20 Figurehead A	Quincy	1	National Grid	1050	700	350	4.14	N/A	Gas	Gas
763	Jul	9980B	Snug Harbor	20 Figurehead B	Quincy	1	National Grid	1222.5	815	407.5	4.14	N/A	Gas	Gas
764	Jul	9980C	Snug Harbor	20 Figurehead C	Quincy	1	National Grid	1222.5	815	407.5	4.14	N/A	Gas	Gas
765	Jul	9980D	Snug Harbor	20 Figurehead D	Quincy	1	National Grid	1050	700	350	4.14	N/A	Gas	Gas
766	Jul	10052A	Snug Harbor	200 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	2.80	N/A	Gas	Gas
767	Jul	10052B	Snug Harbor	200 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	2.80	N/A	Gas	Gas
768	Jul	10052C	Snug Harbor	200 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	2.80	N/A	Gas	Gas
769	Jul	10052D	Snug Harbor	200 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	2.80	N/A	Gas	Gas
770	Jul	10004A	Snug Harbor	201 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	3.14	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
771	Jul	10004B	Snug Harbor	201 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	3.14	N/A	Gas	Gas
772	Jul	10004C	Snug Harbor	201 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	3.14	N/A	Gas	Gas
773	Jul	10004D	Snug Harbor	201 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	3.14	N/A	Gas	Gas
774	Jul	10005A	Snug Harbor	205 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	4.72	N/A	Gas	Gas
775	Jul	10005B	Snug Harbor	205 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	4.72	N/A	Gas	Gas
776	Jul	10005C	Snug Harbor	205 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	4.72	N/A	Gas	Gas
777	Jul	10005D	Snug Harbor	205 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	4.72	N/A	Gas	Gas
778	Jul	10053A	Snug Harbor	206 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	4.35	N/A	Gas	Gas
779	Jul	10053B	Snug Harbor	206 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	4.35	N/A	Gas	Gas
780	Jul	10053C	Snug Harbor	206 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	4.35	N/A	Gas	Gas
781	Jul	10053D	Snug Harbor	206 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	4.35	N/A	Gas	Gas
782	Jul	10029A	Snug Harbor	21 Quadrant A	Quincy	1	National Grid	1042.5	695	347.5	4.36	N/A	Gas	Gas
783	Jul	10029B	Snug Harbor	21 Quadrant B	Quincy	1	National Grid	1515	1010	505	4.36	N/A	Gas	Gas
784	Jul	10029C	Snug Harbor	21 Quadrant C	Quincy	1	National Grid	1515	1010	505	4.36	N/A	Gas	Gas
785	Jul	10029D	Snug Harbor	21 Quadrant D	Quincy	1	National Grid	1042.5	695	347.5	4.36	N/A	Gas	Gas
786	Jul	10033A	Snug Harbor	21 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	4.81	N/A	Gas	Gas
787	Jul	10033B	Snug Harbor	21 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	4.81	N/A	Gas	Gas
788	Jul	10033C	Snug Harbor	21 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	4.81	N/A	Gas	Gas
789	Jul	10033D	Snug Harbor	21 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	4.81	N/A	Gas	Gas
790	Jul	10054A	Snug Harbor	212 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	3.63	N/A	Gas	Gas
791	Jul	10054B	Snug Harbor	212 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	3.63	N/A	Gas	Gas
792	Jul	10054C	Snug Harbor	212 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	3.63	N/A	Gas	Gas
793	Jul	10054D	Snug Harbor	212 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	3.63	N/A	Gas	Gas
794	Jul	10055A	Snug Harbor	215 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	3.38	N/A	Gas	Gas
795	Jul	10055B	Snug Harbor	215 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	3.38	N/A	Gas	Gas
796	Jul	10055C	Snug Harbor	215 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	3.38	N/A	Gas	Gas
797	Jul	10055D	Snug Harbor	215 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	3.38	N/A	Gas	Gas
798	Jul	10056A	Snug Harbor	219 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	3.13	N/A	Gas	Gas
799	Jul	10056B	Snug Harbor	219 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	3.13	N/A	Gas	Gas
800	Jul	10056C	Snug Harbor	219 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	3.13	N/A	Gas	Gas
801	Jul	10056D	Snug Harbor	219 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	3.13	N/A	Gas	Gas
802	Jul	10006A	Snug Harbor	224 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	3.64	N/A	Gas	Gas
803	Jul	10006B	Snug Harbor	224 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	3.64	N/A	Gas	Gas
804	Aug	4294C	Poplar Park	65 Poplar Park	Gloucester	1	National Grid	486	486	36	2.70	N/A	Gas	Gas
805	Aug	7892	Union Crossing	50 Island Street	Lawrence	60	National Grid	92260	73808	36904	N/A	0.48	Gas	Gas
806	Aug	8895	Wellington Community	44 Wellington St	Worcester	31	National Grid	28000	28000	5850	N/A	8.16	Gas	Gas
807	Aug	8896	Wellington Community	46 Wellington St	Worcester	14	National Grid	16600	16600	4250	N/A	8.08	Gas	Gas
808	Aug	8897	Wellington Community	51 Wellington St	Worcester	20	National Grid	18500	18500	1500	N/A	20.53	Gas	Gas
809	Aug	4294D	Poplar Park	66 Poplar Park	Gloucester	1	National Grid	486	486	36	2.70	N/A	Gas	Gas
810	Aug	8900	Wellington Community	22 Ethan Allen St	Worcester	6	National Grid	8100	8100	1200	N/A	8.56	Gas	Gas
811	Aug	8901	Wellington Community	26 Ethan Allen St	Worcester	6	National Grid	8100	8100	1200	N/A	12.20	Gas	Gas
812	Aug	8903	Wellington Community	25-27 Ethan Allen St	Worcester	12	National Grid	15000	15000	2400	N/A	5.82	Gas	Gas
813	Aug	8904	Wellington Community	6 Jaques Ave	Worcester	18	National Grid	16800	16800	2350	N/A	9.70	Gas	Gas
814	Aug	9290	Colony III	101 Chadwick St	Worcester	100	National Grid	82000	82000	19900	17.47	N/A	Electric	Electric
815	Aug	10080	Fellowship Circle	Fellowship Circle - 2	Avon	10	National Grid	6204	6204	1204	11.32	N/A	Electric	Electric
816	Aug	10081	Fellowship Circle	3 Fellowship Circle	Avon	8	National Grid	5054	5054	54	11.32	N/A	Electric	Electric
817	Aug	10082	Fellowship Circle	4 Fellowship Circle	Avon	8	National Grid	5054	5054	54	11.32	N/A	Electric	Electric
818	Aug	10083	Fellowship Circle	5 Fellowship Circle	Avon	8	National Grid	5054	5054	54	11.32	N/A	Electric	Electric
819	Aug	10084	Fellowship Circle	6 Fellowship Circle	Avon	10	National Grid	6204	6204	1204	11.32	N/A	Electric	Electric
820	Aug	10085	Fellowship Circle	7 Fellowship Circle	Avon	8	National Grid	7916	5484	2916	11.32	N/A	Electric	Electric
821	Aug	10086	Fellowship Circle	8 Fellowship Cir	Avon	8	National Grid	5054	5054	54	11.32	N/A	Electric	Electric
822	Aug	10087	Fellowship Circle	9 Fellowship Circle	Avon	10	National Grid	6204	6204	1204	11.32	N/A	Electric	Electric
823	Aug	10088	Fellowship Circle	1 Fellowship Circle- Community Building	Avon	1	National Grid	5648	5648	5647	11.32	N/A	Electric	Electric
824	Aug	10236	New Merrimack St Apts	444, 452, and 464 Merrimack St	Lowell	12	National Grid	24045	24045	8875	3.31	N/A	Gas	Gas
825	Aug	10803	Autumn Woods	AW Block 1	Worcester	24	National Grid	17856	17856	1944	5.73	N/A	Gas	Gas

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826	Aug	10944	Autumn Woods	AW Block 2	Worcester	24	National Grid	20160	20160	1584	5.69	N/A	Gas	Gas
827	Aug	10945	Autumn Woods	AW Block 3	Worcester	20	National Grid	16800	16800	1320	7.10	N/A	Gas	Gas
828	Aug	10946	Autumn Woods	AW Block 4	Worcester	40	National Grid	33600	33600	3840	6.10	N/A	Gas	Gas
829	Aug	10947	Autumn Woods	AW Block 5	Worcester	10	National Grid	8400	8400	960	6.68	N/A	Gas	Gas
830	Aug	10948	Autumn Woods	AW Block 6	Worcester	30	National Grid	31680	31680	2160	6.32	N/A	Gas	Gas
831	Aug	10949	Autumn Woods	AW Block 7	Worcester	30	National Grid	31680	31680	2160	5.98	N/A	Gas	Gas
832	Aug	10950	Autumn Woods	AW Block 8	Worcester	48	National Grid	40320	40320	4608	5.54	N/A	Gas	Gas
833	Aug	10951	Autumn Woods	AW Block 9	Worcester	24	National Grid	15552	15552	2304	6.09	N/A	Gas	Gas
834	Aug	10952	Autumn Woods	AW Block 10	Worcester	24	National Grid	15552	15552	2304	5.52	N/A	Gas	Gas
835	Aug	1000A	Snug Harbor	89 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	6.27	N/A	Gas	Gas
836	Aug	1000B	Snug Harbor	89 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	6.27	N/A	Gas	Gas
837	Aug	1000C	Snug Harbor	89 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	6.27	N/A	Gas	Gas
838	Aug	1000D	Snug Harbor	89 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	6.27	N/A	Gas	Gas
839	Aug	10021A	Snug Harbor	64 Captains Walk A	Quincy	1	National Grid	1043	695	348	4.61	N/A	Gas	Gas
840	Aug	10021B	Snug Harbor	64 Captains Walk B	Quincy	1	National Grid	1515	1010	505	4.61	N/A	Gas	Gas
841	Aug	10021C	Snug Harbor	64 Captains Walk C	Quincy	1	National Grid	1515	1010	505	4.61	N/A	Gas	Gas
842	Aug	10021D	Snug Harbor	64 Captains Walk D	Quincy	1	National Grid	1043	695	348	4.61	N/A	Gas	Gas
843	Aug	10022A	Snug Harbor	72 Captains Walk A	Quincy	1	National Grid	1043	695	348	4.12	N/A	Gas	Gas
844	Aug	10022B	Snug Harbor	72 Captains Walk B	Quincy	1	National Grid	1515	1010	505	4.12	N/A	Gas	Gas
845	Aug	10022C	Snug Harbor	72 Captains Walk C	Quincy	1	National Grid	1515	1010	505	4.12	N/A	Gas	Gas
846	Aug	10022D	Snug Harbor	72 Captains Walk D	Quincy	1	National Grid	1043	695	348	4.12	N/A	Gas	Gas
847	Aug	10028A	Snug Harbor	9 Quadrant A	Quincy	1	National Grid	1043	695	348	3.96	N/A	Gas	Gas
848	Aug	10028B	Snug Harbor	9 Quadrant B	Quincy	1	National Grid	1515	1010	505	3.96	N/A	Gas	Gas
849	Aug	10028C	Snug Harbor	9 Quadrant C	Quincy	1	National Grid	1515	1010	505	3.96	N/A	Gas	Gas
850	Aug	10028D	Snug Harbor	9 Quadrant D	Quincy	1	National Grid	1043	695	348	3.96	N/A	Gas	Gas
851	Aug	10038A	Snug Harbor	75 Taffrail Road A	Quincy	1	National Grid	1043	695	348	4.23	N/A	Gas	Gas
852	Aug	10038B	Snug Harbor	75 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	4.23	N/A	Gas	Gas
853	Aug	10038C	Snug Harbor	75 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	4.23	N/A	Gas	Gas
854	Aug	10038D	Snug Harbor	75 Taffrail Road D	Quincy	1	National Grid	1043	695	348	4.23	N/A	Gas	Gas
855	Aug	10039A	Snug Harbor	81 Taffrail Road A	Quincy	1	National Grid	1043	695	348	3.88	N/A	Gas	Gas
856	Aug	10039B	Snug Harbor	81 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	3.88	N/A	Gas	Gas
857	Aug	10039C	Snug Harbor	81 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	3.88	N/A	Gas	Gas
858	Aug	10039D	Snug Harbor	81 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	3.88	N/A	Gas	Gas
859	Aug	10040A	Snug Harbor	99 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	2.61	N/A	Gas	Gas
860	Aug	10040B	Snug Harbor	99 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	2.61	N/A	Gas	Gas
861	Aug	10040C	Snug Harbor	99 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	2.61	N/A	Gas	Gas
862	Aug	10040D	Snug Harbor	99 Taffrail Road D	Quincy	1	National Grid	1043	695	348	2.61	N/A	Gas	Gas
863	Aug	10057A	Snug Harbor	9 Yardam A	Quincy	1	National Grid	1042.5	695	348	2.98	N/A	Gas	Gas
864	Aug	10057B	Snug Harbor	9 Yardam B	Quincy	1	National Grid	1515	1010	505	2.98	N/A	Gas	Gas
865	Aug	10057C	Snug Harbor	9 Yardam C	Quincy	1	National Grid	1515	1010	505	2.98	N/A	Gas	Gas
866	Aug	10057D	Snug Harbor	9 Yardam D	Quincy	1	National Grid	1043	695	348	2.98	N/A	Gas	Gas
867	Aug	10068A	Snug Harbor	95 Taffrail Road A	Quincy	1	National Grid	1043	695	348	4.82	N/A	Gas	Gas
868	Aug	10068B	Snug Harbor	95 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	4.82	N/A	Gas	Gas
869	Aug	10068C	Snug Harbor	95 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	4.82	N/A	Gas	Gas
870	Aug	10068D	Snug Harbor	95 Taffrail Road D	Quincy	1	National Grid	1042.5	695	348	4.82	N/A	Gas	Gas
871	Aug	9050A	Linden	109 Coleman St	Malden	1	National Grid	1482	988	494	2.76	N/A	Gas	Gas
872	Aug	9050B	Linden	111 Coleman St	Malden	1	National Grid	1482	988	494	2.76	N/A	Gas	Gas
873	Aug	9050C	Linden	113 Coleman St	Malden	1	National Grid	1482	988	494	2.76	N/A	Gas	Gas
874	Aug	9050D	Linden	115 Coleman St	Malden	1	National Grid	1482	988	494	2.76	N/A	Gas	Gas
875	Aug	9060A	Linden	103 Plainfield Ave	Malden	1	National Grid	1482	988	494	4.81	N/A	Gas	Gas
876	Aug	9060B	Linden	105 Plainfield Ave	Malden	1	National Grid	1482	988	494	4.81	N/A	Gas	Gas
877	Aug	9060C	Linden	107 Plainfield Ave	Malden	1	National Grid	1482	988	494	4.81	N/A	Gas	Gas
878	Aug	9060D	Linden	109 Plainfield Ave	Malden	1	National Grid	1482	988	494	4.81	N/A	Gas	Gas
879	Aug	9062A	Linden	111 Plainfield Ave	Malden	1	National Grid	1248	832	416	3.49	N/A	Gas	Gas
880	Aug	9062B	Linden	113 Plainfield Ave	Malden	1	National Grid	1248	832	416	3.49	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
881	Aug	9062C	Linden	115 Plainfield Ave	Malden	1	National Grid	1248	832	416	3.49	N/A	Gas	Gas
882	Aug	9062D	Linden	117 Plainfield Ave	Malden	1	National Grid	1248	832	416	3.49	N/A	Gas	Gas
883	Aug	9064A	Linden	119 Plainfield Ave	Malden	1	National Grid	1482	988	494	2.32	N/A	Gas	Gas
884	Aug	9064B	Linden	121 Plainfield Ave	Malden	1	National Grid	1482	988	494	2.32	N/A	Gas	Gas
885	Aug	9064C	Linden	123 Plainfield Ave	Malden	1	National Grid	1482	988	494	2.32	N/A	Gas	Gas
886	Aug	9064D	Linden	125 Plainfield Ave	Malden	1	National Grid	1482	988	494	2.32	N/A	Gas	Gas
887	Aug	9065A	Linden	141 Plainfield Ave	Malden	1	National Grid	1482	988	494	3.25	N/A	Gas	Gas
888	Aug	9065B	Linden	143 Plainfield Ave	Malden	1	National Grid	1482	988	494	3.25	N/A	Gas	Gas
889	Aug	9065C	Linden	145 Plainfield Ave	Malden	1	National Grid	1482	988	494	3.25	N/A	Gas	Gas
890	Aug	9065D	Linden	147 Plainfield Ave	Malden	1	National Grid	1482	988	494	3.25	N/A	Gas	Gas
891	Aug	9085A	Linden	136 Plainfield Ave	Malden	1	National Grid	1248	832	416	2.61	N/A	Gas	Gas
892	Aug	9085B	Linden	138 Plainfield Ave	Malden	1	National Grid	1248	832	416	2.61	N/A	Gas	Gas
893	Aug	9085C	Linden	140 Plainfield Ave	Malden	1	National Grid	1248	832	416	2.61	N/A	Gas	Gas
894	Aug	9085D	Linden	142 Plainfield Ave	Malden	1	National Grid	1248	832	416	2.61	N/A	Gas	Gas
895	Aug	9086A	Linden	128 Plainfield Ave	Malden	1	National Grid	1482	988	494	4.67	N/A	Gas	Gas
896	Aug	9086B	Linden	130 Plainfield Ave	Malden	1	National Grid	1482	988	494	4.67	N/A	Gas	Gas
897	Aug	9086C	Linden	132 Plainfield Ave	Malden	1	National Grid	1482	988	494	4.67	N/A	Gas	Gas
898	Aug	9086D	Linden	134 Plainfield Ave	Malden	1	National Grid	1482	988	494	4.67	N/A	Gas	Gas
899	Aug	9088A	Linden	120 Plainfield Ave	Malden	1	National Grid	1248	832	416	2.39	N/A	Gas	Gas
900	Aug	9088B	Linden	122 Plainfield Ave	Malden	1	National Grid	1248	832	416	2.39	N/A	Gas	Gas
901	Aug	9088C	Linden	124 Plainfield Ave	Malden	1	National Grid	1248	832	416	2.39	N/A	Gas	Gas
902	Aug	9088D	Linden	126 Plainfield Ave	Malden	1	National Grid	1248	832	416	2.39	N/A	Gas	Gas
903	Aug	9095A	Linden	123 Coleman St	Malden	1	National Grid	1248	832	416	2.42	N/A	Gas	Gas
904	Aug	9095B	Linden	125 Coleman St	Malden	1	National Grid	1248	832	416	2.42	N/A	Gas	Gas
905	Aug	9095C	Linden	127 Coleman St	Malden	1	National Grid	1248	832	416	2.42	N/A	Gas	Gas
906	Aug	9095D	Linden	129 Coleman St	Malden	1	National Grid	1248	832	416	2.42	N/A	Gas	Gas
907	Aug	9096A	Linden	139 Coleman St	Malden	1	National Grid	1482	988	494	3.56	N/A	Gas	Gas
908	Aug	9096B	Linden	141 Coleman St	Malden	1	National Grid	1482	988	494	3.56	N/A	Gas	Gas
909	Aug	9096C	Linden	143 Coleman St	Malden	1	National Grid	1482	988	494	3.56	N/A	Gas	Gas
910	Aug	9096D	Linden	145 Coleman St	Malden	1	National Grid	1482	988	494	3.56	N/A	Gas	Gas
911	Aug	9110A	Linden	152 Coleman St	Malden	1	National Grid	1482	988	494	3.39	N/A	Gas	Gas
912	Aug	9110B	Linden	154 Coleman St	Malden	1	National Grid	1482	988	494	3.39	N/A	Gas	Gas
913	Aug	9110C	Linden	156 Coleman St	Malden	1	National Grid	1482	988	494	3.39	N/A	Gas	Gas
914	Aug	9110D	Linden	158 Coleman St	Malden	1	National Grid	1482	988	494	3.39	N/A	Gas	Gas
915	Aug	9112A	Linden	136 Coleman St	Malden	1	National Grid	1482	988	494	4.39	N/A	Gas	Gas
916	Aug	9112B	Linden	138 Coleman St	Malden	1	National Grid	1482	988	494	4.39	N/A	Gas	Gas
917	Aug	9112C	Linden	140 Coleman St	Malden	1	National Grid	1482	988	494	4.39	N/A	Gas	Gas
918	Aug	9112D	Linden	142 Coleman St	Malden	1	National Grid	1482	988	494	4.39	N/A	Gas	Gas
919	Aug	9113A	Linden	58 Plainfield Ave	Malden	1	National Grid	1482	988	494	2.33	N/A	Gas	Gas
920	Aug	9113B	Linden	60 Plainfield Ave	Malden	1	National Grid	1482	988	494	2.33	N/A	Gas	Gas
921	Aug	9113C	Linden	62 Plainfield Ave	Malden	1	National Grid	1482	988	494	2.33	N/A	Gas	Gas
922	Aug	9113D	Linden	64 Plainfield Ave	Malden	1	National Grid	1482	988	494	2.33	N/A	Gas	Gas
923	Aug	9114A	Linden	44 Plainfield Ave	Malden	1	National Grid	1482	988	494	4.50	N/A	Gas	Gas
924	Aug	9114B	Linden	46 Plainfield Ave	Malden	1	National Grid	1482	988	494	4.50	N/A	Gas	Gas
925	Aug	9114C	Linden	48 Plainfield Ave	Malden	1	National Grid	1482	988	494	4.50	N/A	Gas	Gas
926	Aug	9114D	Linden	50 Plainfield Ave	Malden	1	National Grid	1482	988	494	4.50	N/A	Gas	Gas
927	Aug	9116A	Linden	36 Plainfield Ave	Malden	1	National Grid	1482	988	494	2.19	N/A	Gas	Gas
928	Aug	9116B	Linden	38 Plainfield Ave	Malden	1	National Grid	1482	988	494	2.19	N/A	Gas	Gas
929	Aug	9116C	Linden	40 Plainfield Ave	Malden	1	National Grid	1482	988	494	2.19	N/A	Gas	Gas
930	Aug	9116D	Linden	42 Plainfield Ave	Malden	1	National Grid	1482	988	494	2.19	N/A	Gas	Gas
931	Aug	9117A	Linden	28 Plainfield Ave	Malden	1	National Grid	1248	832	416	3.43	N/A	Gas	Gas
932	Aug	9117B	Linden	30 Plainfield Ave	Malden	1	National Grid	1248	832	416	3.43	N/A	Gas	Gas
933	Aug	9117C	Linden	32 Plainfield Ave	Malden	1	National Grid	1248	832	416	3.43	N/A	Gas	Gas
934	Aug	9117D	Linden	34 Plainfield Ave	Malden	1	National Grid	1248	832	416	3.43	N/A	Gas	Gas
935	Aug	9118A	Linden	20 Plainfield Ave	Malden	1	National Grid	1248	832	416	2.39	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
936	Aug	9118B	Linden	22 Plainfield Ave	Malden	1	National Grid	1248	832	416	2.39	N/A	Gas	Gas
937	Aug	9118C	Linden	24 Plainfield Ave	Malden	1	National Grid	1248	832	416	2.39	N/A	Gas	Gas
938	Aug	9118D	Linden	26 Plainfield Ave	Malden	1	National Grid	1248	832	416	2.39	N/A	Gas	Gas
939	Aug	9121A	Linden	96 Coleman St	Malden	1	National Grid	1482	988	494	2.95	N/A	Gas	Gas
940	Aug	9121B	Linden	98 Coleman St	Malden	1	National Grid	1482	988	494	2.95	N/A	Gas	Gas
941	Aug	9121C	Linden	100 Coleman St	Malden	1	National Grid	1482	988	494	2.95	N/A	Gas	Gas
942	Aug	9121D	Linden	102 Coleman St	Malden	1	National Grid	1482	988	494	2.95	N/A	Gas	Gas
943	Aug	9982C	Snug Harbor	6 Bicknell Lane C	Quincy	1	National Grid	1511	1007	504	3.12	N/A	Gas	Gas
944	Aug	9982D	Snug Harbor	6 Bicknell Lane D	Quincy	1	National Grid	1013	675	338	3.12	N/A	Gas	Gas
945	Aug	9985A	Snug Harbor	8 Captains Walk A	Quincy	1	National Grid	1013	675	338	3.43	N/A	Gas	Gas
946	Aug	9985B	Snug Harbor	8 Captains Walk B	Quincy	1	National Grid	1511	1007	504	3.43	N/A	Gas	Gas
947	Aug	9985C	Snug Harbor	8 Captains Walk C	Quincy	1	National Grid	1511	1007	504	3.43	N/A	Gas	Gas
948	Aug	9985D	Snug Harbor	8 Captains Walk D	Quincy	1	National Grid	1013	675	338	3.43	N/A	Gas	Gas
949	Aug	9996A	Snug Harbor	69 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	5.32	N/A	Gas	Gas
950	Aug	9996B	Snug Harbor	69 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	5.32	N/A	Gas	Gas
951	Aug	9996C	Snug Harbor	69 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	5.32	N/A	Gas	Gas
952	Aug	9996D	Snug Harbor	69 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	5.32	N/A	Gas	Gas
953	Aug	9997A	Snug Harbor	72 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	3.19	N/A	Gas	Gas
954	Aug	9997B	Snug Harbor	72 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	3.19	N/A	Gas	Gas
955	Aug	9997C	Snug Harbor	72 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	3.19	N/A	Gas	Gas
956	Aug	9997D	Snug Harbor	72 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	3.19	N/A	Gas	Gas
957	Aug	9998A	Snug Harbor	80 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	2.95	N/A	Gas	Gas
958	Aug	9998B	Snug Harbor	80 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	2.95	N/A	Gas	Gas
959	Aug	9998C	Snug Harbor	80 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	2.95	N/A	Gas	Gas
960	Aug	9998D	Snug Harbor	80 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	2.95	N/A	Gas	Gas
961	Aug	9999A	Snug Harbor	88 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	4.22	N/A	Gas	Gas
962	Aug	9999B	Snug Harbor	88 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	4.22	N/A	Gas	Gas
963	Aug	9999C	Snug Harbor	88 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	4.22	N/A	Gas	Gas
964	Aug	9999D	Snug Harbor	88 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	4.22	N/A	Gas	Gas
965	Sep	7252	113 Parker Avenue	113 Parker Avenue	Dracut	20	National Grid	27423	18282	14103	N/A	1.91	Gas	Gas
966	Sep	7302	Edgewood Ave	75 EDGEWOOD AVE - 1	Methuen	8	National Grid	7425	4950	2975	3.77	N/A	Gas	Gas
967	Sep	7303	Edgewood Ave	75 EDGEWOOD AVE - 2	Methuen	8	National Grid	7425	4950	2975	3.77	N/A	Gas	Gas
968	Sep	7304	Edgewood Ave	75 EDGEWOOD AVE - 3	Methuen	8	National Grid	7425	4950	2975	3.77	N/A	Gas	Gas
969	Sep	7305	Edgewood Ave	75 EDGEWOOD AVE - 4	Methuen	8	National Grid	7425	4950	2975	3.77	N/A	Gas	Gas
970	Sep	7306	Edgewood Ave	75 EDGEWOOD AVE - 5	Methuen	8	National Grid	7425	4950	2975	3.77	N/A	Gas	Gas
971	Sep	7307	Edgewood Ave	75 EDGEWOOD AVE - 6	Methuen	8	National Grid	7425	4950	2975	3.77	N/A	Gas	Gas
972	Sep	7308	Edgewood Ave	75 EDGEWOOD AVE - 8	Methuen	8	National Grid	7425	4950	2975	3.77	N/A	Gas	Gas
973	Sep	7309	Edgewood Ave	75 EDGEWOOD AVE - 7	Methuen	8	National Grid	7425	4950	2975	3.77	N/A	Gas	Gas
974	Sep	7310	Edgewood Ave	75 EDGEWOOD AVE - Community	Methuen	1	National Grid	1728	1152	1678	3.77	N/A	Gas	Gas
975	Sep	7718	534 Bridge St	534 Bridge Street	Weymouth	2	National Grid	5000	4000	4400	2.59	N/A	Oil	Oil
976	Sep	8584	Church Street Senior Housing	68 Church St	Ware	29	National Grid	38000	30000	19500	6.70	N/A	Gas	Gas
977	Sep	9049	Linden	101-107 Coleman St	Malden	4	National Grid	4992	3328	1664	2.32	N/A	Gas	Gas
978	Sep	9311	120 Mountain Ave (FED)	120 Mountain Ave	Malden	124	National Grid	64234	64234	7239	8.32	N/A	Gas	Gas
979	Sep	9962	Lafayette Housing LP	100 Lafayette	Salem	15	National Grid	11152	8922	2230	N/A	8.63	Oil	Electric
980	Sep	10554	Macdonald Way (FED)	Building A	Pembroke	10	National Grid	5900	5900	800	1.29	N/A	Gas	Gas
981	Sep	10555	Macdonald Way (FED)	Building B	Pembroke	10	National Grid	5900	5900	800	1.58	N/A	Gas	Gas
982	Sep	10557	Macdonald Way (FED)	Building F (Comm Bldg)	Pembroke	1	National Grid	2528	2528	2527	14.72	N/A	Gas	Gas
983	Sep	10559	Macdonald Way (FED)	Building C	Pembroke	9	National Grid	5600	5600	900	3.22	N/A	Gas	Gas
984	Sep	10560	Macdonald Way (FED)	Building D	Pembroke	9	National Grid	5600	5600	900	2.23	N/A	Gas	Gas
985	Sep	10561	Macdonald Way (FED)	Building E	Pembroke	9	National Grid	5600	5600	900	2.27	N/A	Gas	Gas
986	Sep	10688	Congregational Retirement Homes	Levi Gould	Melrose	104	National Grid	61614	61614	16547	6.56	N/A	Gas	Gas
987	Sep	10689	Congregational Retirement Homes	Fuller House	Melrose	114	National Grid	80174	80174	21464	6.56	N/A	Gas	Gas
988	Sep	10691	Congregational Retirement Homes	Jonathan Cochrane	Melrose	100	National Grid	95500	89360	44000	6.56	N/A	Gas	Gas
989	Sep	10747	50 Taylor Street	50 Taylor St	Gloucester	6	National Grid	5600	4576	2056	N/A	1.66	Gas	Gas
990	Sep	10752	Leisure Towers	10 Farrar St	Lynn	180	National Grid	122609	122609	28809	8.29	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
991	Sep	10771	6-8 Summit	6-8 Summit St	Gloucester	6	National Grid	7570	5689	2833	N/A	0.24	Gas	Gas
992	Sep	10772	15-17 Proctor	15-17 Proctor St	Gloucester	4	National Grid	4587	4118	1673	N/A	0.31	Gas	Gas
993	Sep	10913	Amesbury Gardens	206-208 Amesbury St	Lawrence	1	National Grid	2270	2270	50	16.99	N/A	Gas	Gas
994	Sep	11170	Mystic Street 22	22 Mystic St - 1	Methuen	8	National Grid	5792	5792	1792	14.60	N/A	Electric	Electric
995	Sep	11171	Mystic Street 22	22 Mystic St - 2	Methuen	8	National Grid	5792	5792	1792	14.60	N/A	Electric	Electric
996	Sep	11172	Mystic Street 22	22 Mystic St - 3	Methuen	8	National Grid	5792	5792	1792	14.60	N/A	Electric	Electric
997	Sep	11173	Mystic Street 22	22 Mystic St - 4	Methuen	8	National Grid	5792	5792	1792	14.60	N/A	Electric	Electric
998	Sep	11174	Mystic Street 22	22 Mystic St - 5	Methuen	8	National Grid	5792	5792	1792	14.60	N/A	Electric	Electric
999	Sep	11175	Mystic Street 22	22 Mystic St - 7	Methuen	8	National Grid	5792	5792	1792	14.60	N/A	Electric	Electric
1000	Sep	11176	Mystic Street 22	22 Mystic St - 8	Methuen	8	National Grid	5792	5792	1792	14.60	N/A	Electric	Electric
1001	Sep	11177	Mystic Street 22	22 Mystic St - 9	Methuen	8	National Grid	5792	5792	1792	14.60	N/A	Electric	Electric
1002	Sep	11178	Mystic Street 22	22 Mystic St - 10	Methuen	8	National Grid	5792	5792	1792	14.60	N/A	Electric	Electric
1003	Sep	11444	Merrimack Valley Apartments	Building #1	Methuen	12	National Grid	7968	7968	1488	1.10	5.88	Gas	Gas
1004	Sep	11445	Merrimack Valley Apartments	Building #2	Methuen	12	National Grid	7968	7968	1488	1.49	7.98	Gas	Gas
1005	Sep	11446	Merrimack Valley Apartments	Building #3	Methuen	8	National Grid	5324	5324	1004	1.70	9.00	Gas	Gas
1006	Sep	11447	Merrimack Valley Apartments	Building #4	Methuen	12	National Grid	7968	7968	1488	1.11	5.92	Gas	Gas
1007	Sep	11448	Merrimack Valley Apartments	Building #5	Methuen	8	National Grid	5324	5324	1004	1.44	7.63	Gas	Gas
1008	Sep	11449	Merrimack Valley Apartments	Building #6	Methuen	8	National Grid	5324	5324	1004	1.57	8.32	Gas	Gas
1009	Sep	11450	Merrimack Valley Apartments	Community Bldg	Methuen	1	National Grid	2076	2076	2026	5.79	5.94	Gas	Gas
1010	Sep	11459	Hampton Court	Hampton Court Main Building	Northampton	64	National Grid	95509	95509	27185	N/A	10.83	Gas	Gas
1011	Sep	10504A	Davis Commons	Building A1	Brockton	8	National Grid	6188	5614	970	7.20	N/A	Gas	Gas
1012	Sep	10504B	Davis Commons	Building A2	Brockton	8	National Grid	6188	5614	970	7.20	N/A	Gas	Gas
1013	Sep	10504C	Davis Commons	Building A3	Brockton	8	National Grid	6188	5614	970	7.20	N/A	Gas	Gas
1014	Sep	10505A	Davis Commons	Building B1	Brockton	8	National Grid	9490	9490	397	7.20	N/A	Gas	Gas
1015	Sep	10505B	Davis Commons	Building B2	Brockton	8	National Grid	9490	9490	397	7.20	N/A	Gas	Gas
1016	Sep	10506A	Davis Commons	Building C1	Brockton	8	National Grid	9490	9490	397	6.82	N/A	Gas	Gas
1017	Sep	10506B	Davis Commons	Building C2	Brockton	8	National Grid	8134	7560	970	6.82	N/A	Gas	Gas
1018	Sep	10506C	Davis Commons	Building C3	Brockton	8	National Grid	8134	7560	970	6.82	N/A	Gas	Gas
1019	Sep	10506D	Davis Commons	Building C4	Brockton	8	National Grid	8134	7560	970	6.82	N/A	Gas	Gas
1020	Sep	10506E	Davis Commons	Building C5	Brockton	8	National Grid	9490	9490	397	6.82	N/A	Gas	Gas
1021	Sep	10507A	Davis Commons	Building D1	Brockton	8	National Grid	9490	9490	397	6.45	N/A	Gas	Gas
1022	Sep	10507B	Davis Commons	Building D2	Brockton	8	National Grid	8134	7560	970	6.45	N/A	Gas	Gas
1023	Sep	10507C	Davis Commons	Building D3	Brockton	8	National Grid	8134	7560	970	6.45	N/A	Gas	Gas
1024	Sep	10507D	Davis Commons	Building D4	Brockton	8	National Grid	8134	7560	970	6.45	N/A	Gas	Gas
1025	Sep	10507E	Davis Commons	Building D5	Brockton	8	National Grid	9490	9490	397	6.45	N/A	Gas	Gas
1026	Sep	10508A	Davis Commons	Building E1	Brockton	8	National Grid	9490	9490	397	6.39	N/A	Gas	Gas
1027	Sep	10508B	Davis Commons	Building E2	Brockton	8	National Grid	8134	7560	970	6.39	N/A	Gas	Gas
1028	Sep	10508C	Davis Commons	Building E3	Brockton	8	National Grid	8134	7560	970	6.39	N/A	Gas	Gas
1029	Sep	10508D	Davis Commons	Building E4	Brockton	8	National Grid	8134	7560	970	6.39	N/A	Gas	Gas
1030	Sep	10508E	Davis Commons	Building E5	Brockton	8	National Grid	9490	9490	397	6.39	N/A	Gas	Gas
1031	Sep	10509A	Davis Commons	Building F1	Brockton	8	National Grid	9490	9490	397	6.50	N/A	Gas	Gas
1032	Sep	10509B	Davis Commons	Building F2	Brockton	8	National Grid	8134	7560	970	6.50	N/A	Gas	Gas
1033	Sep	10509C	Davis Commons	Building F3	Brockton	8	National Grid	8134	7560	970	6.50	N/A	Gas	Gas
1034	Sep	10509D	Davis Commons	Building F4	Brockton	8	National Grid	8134	7560	970	6.50	N/A	Gas	Gas
1035	Sep	10509E	Davis Commons	Building F5	Brockton	8	National Grid	9490	9490	397	6.50	N/A	Gas	Gas
1036	Sep	10720A	Olde English Village	120 Manca - A	Gardner	1	National Grid	1704	1136	568	N/A	1.08	Gas	Gas
1037	Sep	10720B	Olde English Village	120 Manca - B	Gardner	1	National Grid	1704	1136	568	N/A	1.08	Gas	Gas
1038	Sep	10891A	Amesbury Gardens	174 Maple St	Lawrence	4	National Grid	2967	2967	27	6.39	N/A	Gas	Gas
1039	Sep	10891B	Amesbury Gardens	182 Maple St	Lawrence	4	National Grid	2967	2967	27	6.39	N/A	Gas	Gas
1040	Sep	10891C	Amesbury Gardens	190 Maple St	Lawrence	4	National Grid	2967	2967	27	6.39	N/A	Gas	Gas
1041	Sep	10892A	Amesbury Gardens	110 Maple St	Lawrence	4	National Grid	2953	2953	13	1.50	N/A	Gas	Gas
1042	Sep	10892B	Amesbury Gardens	118 Maple St	Lawrence	4	National Grid	2953	2953	13	1.50	N/A	Gas	Gas
1043	Sep	10892C	Amesbury Gardens	126 Maple St	Lawrence	4	National Grid	2953	2953	13	1.50	N/A	Gas	Gas
1044	Sep	10892D	Amesbury Gardens	134 Maple St	Lawrence	4	National Grid	2953	2953	13	1.50	N/A	Gas	Gas
1045	Sep	10893A	Amesbury Gardens	116 Lawrence St	Lawrence	4	National Grid	2957	2957	17	2.30	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
1046	Sep	10893B	Amesbury Gardens	124 Lawrence St	Lawrence	4	National Grid	2957	2957	17	2.30	N/A	Gas	Gas
1047	Sep	10893C	Amesbury Gardens	132 Lawrence St	Lawrence	4	National Grid	2957	2957	17	2.30	N/A	Gas	Gas
1048	Sep	10894A	Amesbury Gardens	142 Maple St	Lawrence	4	National Grid	2725	2725	25	3.08	N/A	Gas	Gas
1049	Sep	10894B	Amesbury Gardens	150 Maple St	Lawrence	4	National Grid	2725	2725	25	3.08	N/A	Gas	Gas
1050	Sep	10895A	Amesbury Gardens	158 Maple St	Lawrence	4	National Grid	2725	2725	25	3.83	N/A	Gas	Gas
1051	Sep	10895B	Amesbury Gardens	166 Maple St	Lawrence	4	National Grid	2725	2725	25	3.83	N/A	Gas	Gas
1052	Sep	10896A	Amesbury Gardens	161 White St	Lawrence	4	National Grid	2725	2725	25	3.82	N/A	Gas	Gas
1053	Sep	10896B	Amesbury Gardens	169 White St	Lawrence	4	National Grid	2725	2725	25	3.82	N/A	Gas	Gas
1054	Sep	10897A	Amesbury Gardens	101 White St	Lawrence	4	National Grid	2953	2953	13	2.17	N/A	Gas	Gas
1055	Sep	10897B	Amesbury Gardens	109 White St	Lawrence	4	National Grid	2953	2953	13	2.17	N/A	Gas	Gas
1056	Sep	10897C	Amesbury Gardens	117 White St	Lawrence	4	National Grid	2953	2953	13	2.17	N/A	Gas	Gas
1057	Sep	10897D	Amesbury Gardens	125 White St	Lawrence	4	National Grid	2953	2953	13	2.17	N/A	Gas	Gas
1058	Sep	10898A	Amesbury Gardens	71 White St	Lawrence	4	National Grid	3352	3352	167	2.00	N/A	Gas	Gas
1059	Sep	10898B	Amesbury Gardens	79 White St	Lawrence	4	National Grid	3352	3352	167	2.00	N/A	Gas	Gas
1060	Sep	10898C	Amesbury Gardens	87 White St	Lawrence	4	National Grid	3352	3352	167	2.00	N/A	Gas	Gas
1061	Sep	10899A	Amesbury Gardens	240 Amesbury St	Lawrence	4	National Grid	2725	2725	25	3.33	N/A	Gas	Gas
1062	Sep	10899B	Amesbury Gardens	248 Amesbury St	Lawrence	4	National Grid	2725	2725	25	3.33	N/A	Gas	Gas
1063	Sep	10900A	Amesbury Gardens	210 Amesbury St	Lawrence	4	National Grid	2725	2725	25	2.11	N/A	Gas	Gas
1064	Sep	10900B	Amesbury Gardens	218 Amesbury St	Lawrence	4	National Grid	2725	2725	25	2.11	N/A	Gas	Gas
1065	Sep	10901A	Amesbury Gardens	141 White St	Lawrence	4	National Grid	2725	2725	25	2.94	N/A	Gas	Gas
1066	Sep	10901B	Amesbury Gardens	149 White St	Lawrence	4	National Grid	2725	2725	25	2.94	N/A	Gas	Gas
1067	Sep	10902A	Amesbury Gardens	190 Amesbury St	Lawrence	4	National Grid	2725	2725	25	3.23	N/A	Gas	Gas
1068	Sep	10902B	Amesbury Gardens	198 Amesbury St	Lawrence	4	National Grid	2725	2725	25	3.23	N/A	Gas	Gas
1069	Sep	10903A	Amesbury Gardens	170 Amesbury St	Lawrence	4	National Grid	2725	2725	25	3.97	N/A	Gas	Gas
1070	Sep	10903B	Amesbury Gardens	178 Amesbury St	Lawrence	4	National Grid	2725	2725	25	3.97	N/A	Gas	Gas
1071	Sep	10904A	Amesbury Gardens	150 Amesbury St	Lawrence	4	National Grid	2725	2725	25	3.74	N/A	Gas	Gas
1072	Sep	10904B	Amesbury Gardens	158 Amesbury St	Lawrence	4	National Grid	2725	2725	25	3.74	N/A	Gas	Gas
1073	Sep	10905A	Amesbury Gardens	41 Amesbury St	Lawrence	4	National Grid	2967	2967	27	2.18	N/A	Gas	Gas
1074	Sep	10905B	Amesbury Gardens	49 Amesbury St	Lawrence	4	National Grid	2967	2967	27	2.18	N/A	Gas	Gas
1075	Sep	10905C	Amesbury Gardens	57 Amesbury St	Lawrence	4	National Grid	2967	2967	27	2.18	N/A	Gas	Gas
1076	Sep	10906A	Amesbury Gardens	130 Amesbury St	Lawrence	4	National Grid	2725	2725	25	2.71	N/A	Gas	Gas
1077	Sep	10906B	Amesbury Gardens	138 Amesbury St	Lawrence	4	National Grid	2725	2725	25	2.71	N/A	Gas	Gas
1078	Sep	1362B	Brockton Apts	106 Main Street	Brockton	61	National Grid	69240	57240	27000	N/A	2.52	Gas	Gas
1079	Sep	1363A	Brockton Apts	103 Main Street	Brockton	45	National Grid	51990	51990	15000	N/A	10.30	Gas	Gas
1080	Sep	1452A	Market Mill Apartments	246 Market St - Building A	Lowell	80	National Grid	70000	70000	10500	N/A	11.90	Gas	Gas
1081	Sep	1452B	Market Mill Apartments	246 Market St - Building B	Lowell	150	National Grid	153200	153200	22980	N/A	11.90	Gas	Gas
1082	Sep	4266A	Lincoln Park	37 Lincoln Park	Gloucester	1	National Grid	475	475	0	0.97	N/A	Gas	Gas
1083	Sep	4266B	Lincoln Park	38 Lincoln Park	Gloucester	1	National Grid	475	475	0	0.97	N/A	Gas	Gas
1084	Sep	4266C	Lincoln Park	39 Lincoln Park	Gloucester	1	National Grid	475	475	0	0.97	N/A	Gas	Gas
1085	Sep	4266D	Lincoln Park	40 Lincoln Park	Gloucester	1	National Grid	475	475	0	0.97	N/A	Gas	Gas
1086	Sep	4267A	Lincoln Park	41 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.13	N/A	Gas	Gas
1087	Sep	4267B	Lincoln Park	42 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.13	N/A	Gas	Gas
1088	Sep	4267C	Lincoln Park	43 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.13	N/A	Gas	Gas
1089	Sep	4267D	Lincoln Park	44 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.13	N/A	Gas	Gas
1090	Sep	4268A	Lincoln Park	45 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.20	N/A	Gas	Gas
1091	Sep	4268B	Lincoln Park	46 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.20	N/A	Gas	Gas
1092	Sep	4268C	Lincoln Park	47 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.20	N/A	Gas	Gas
1093	Sep	4268D	Lincoln Park	48 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.20	N/A	Gas	Gas
1094	Sep	4269A	Lincoln Park	5 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.72	N/A	Gas	Gas
1095	Sep	4269B	Lincoln Park	6 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.72	N/A	Gas	Gas
1096	Sep	4269C	Lincoln Park	7 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.72	N/A	Gas	Gas
1097	Sep	4269D	Lincoln Park	8 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.72	N/A	Gas	Gas
1098	Sep	4270A	Lincoln Park	49 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.13	N/A	Gas	Gas
1099	Sep	4270B	Lincoln Park	50 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.13	N/A	Gas	Gas
1100	Sep	4270C	Lincoln Park	51 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.13	N/A	Gas	Gas

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1101	Sep	4270D	Lincoln Park	52 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.13	N/A	Gas	Gas
1102	Sep	4271A	Lincoln Park	9 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.71	N/A	Gas	Gas
1103	Sep	4271B	Lincoln Park	10 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.71	N/A	Gas	Gas
1104	Sep	4271C	Lincoln Park	11 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.71	N/A	Gas	Gas
1105	Sep	4271D	Lincoln Park	12 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.71	N/A	Gas	Gas
1106	Sep	4272A	Lincoln Park	13 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.62	N/A	Gas	Gas
1107	Sep	4272B	Lincoln Park	14 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.62	N/A	Gas	Gas
1108	Sep	4272C	Lincoln Park	15 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.62	N/A	Gas	Gas
1109	Sep	4272D	Lincoln Park	16 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.62	N/A	Gas	Gas
1110	Sep	4274A	Lincoln Park	21 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.74	N/A	Gas	Gas
1111	Sep	4274B	Lincoln Park	22 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.74	N/A	Gas	Gas
1112	Sep	4274C	Lincoln Park	23 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.74	N/A	Gas	Gas
1113	Sep	4274D	Lincoln Park	24 Lincoln Park	Gloucester	1	National Grid	486	486	0	0.74	N/A	Gas	Gas
1114	Sep	4275A	Lincoln Park	25 Lincoln Park	Gloucester	1	National Grid	475	475	0	0.96	N/A	Gas	Gas
1115	Sep	4275B	Lincoln Park	26 Lincoln Park	Gloucester	1	National Grid	475	475	0	0.96	N/A	Gas	Gas
1116	Sep	4275C	Lincoln Park	27 Lincoln Park	Gloucester	1	National Grid	475	475	0	0.96	N/A	Gas	Gas
1117	Sep	4275D	Lincoln Park	28 Lincoln Park	Gloucester	1	National Grid	475	475	0	0.96	N/A	Gas	Gas
1118	Sep	4276A	Lincoln Park	29 Lincoln Park	Gloucester	1	National Grid	558	558	0	0.87	N/A	Gas	Gas
1119	Sep	4276B	Lincoln Park	30 Lincoln Park	Gloucester	1	National Grid	558	558	0	0.87	N/A	Gas	Gas
1120	Sep	4276C	Lincoln Park	31 Lincoln Park	Gloucester	1	National Grid	558	558	0	0.87	N/A	Gas	Gas
1121	Sep	4276D	Lincoln Park	32 Lincoln Park	Gloucester	1	National Grid	558	558	0	0.87	N/A	Gas	Gas
1122	Sep	4277A	Lincoln Park	33 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.01	N/A	Gas	Gas
1123	Sep	4277B	Lincoln Park	34 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.01	N/A	Gas	Gas
1124	Sep	4277C	Lincoln Park	35 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.01	N/A	Gas	Gas
1125	Sep	4277D	Lincoln Park	36 Lincoln Park	Gloucester	1	National Grid	475	475	0	1.01	N/A	Gas	Gas
1126	Oct	1374	Rita Hall Apartments	490 Hamshire Street	Lawrence	90	National Grid	84672	75751	38172	7.57	N/A	Gas	Gas
1127	Oct	1388	Rogers Hall	196 Rogers Street	Lowell	61	National Grid	65000	62600	25000	3.81	N/A	Gas	Gas
1128	Oct	1437	The Moorings at Squantum Gardens	400 East Squantum Street	Quincy	223	National Grid	190007	190007	34848	N/A	12.23	Gas	Gas
1129	Oct	2679	Theron Metcalf School	Winter Street	Franklin	26	National Grid	21141	21141	8141	N/A	7.33	Gas	Gas
1130	Oct	5056	Reviviendo Family Housing LLC	10 Jackson Terrace	Lawrence	2	National Grid	4545	3330	2115	N/A	1.47	Gas	Gas
1131	Oct	7261	Pine Crest	419 E. River St Bldg 8	Orange	3	National Grid	4760	4760	329	N/A	1.09	Oil	Oil
1132	Oct	8501	Presidential Gardens	93 Evergreen Drive (Bldg 7)	Haverhill	24	National Grid	28606	24042	4564	3.61	N/A	Gas	Gas
1133	Oct	8550	Reviviendo Family Housing LLC	60-62 Newbury Street	Lawrence	6	National Grid	9858	7428	2430	N/A	3.85	Gas	Gas
1134	Oct	8551	Reviviendo Family Housing LLC	103-105 Haverhill Street	Lawrence	4	National Grid	6254	4342	1912	N/A	1.91	Gas	Gas
1135	Oct	8552	Reviviendo Family Housing LLC	105-113 Newbury Street	Lawrence	5	National Grid	5330	4780	550	N/A	9.19	Gas	Gas
1136	Oct	8638	Pond Street	18 Pond Street - A	Ayer	34	National Grid	19470	19470	5870	7.83	N/A	Gas	Gas
1137	Oct	8639	Pond Street	18 Pond St	Ayer	20	National Grid	11446	11446	3446	8.30	N/A	Gas	Gas
1138	Oct	8759	Brinley Terrace	Building A	Tyngsborough	12	National Grid	11620	11620	5620	3.90	N/A	Gas	Gas
1139	Oct	8798	Brinley Terrace	Building B	Tyngsborough	12	National Grid	11620	11620	5620	3.90	N/A	Gas	Gas
1140	Oct	8800	Brinley Terrace	Building C	Tyngsborough	8	National Grid	7352	7352	3352	3.90	N/A	Gas	Gas
1141	Oct	8802	Brinley Terrace	Building D	Tyngsborough	11	National Grid	7620	7620	620	3.90	N/A	Gas	Gas
1142	Oct	8803	Brinley Terrace	Building E	Tyngsborough	12	National Grid	11620	11620	5620	3.90	N/A	Gas	Gas
1143	Oct	8805	Brinley Terrace	Community Building	Tyngsborough	1	National Grid	5600	2800	5599	3.90	N/A	Gas	Gas
1144	Oct	9238	Pleasant Street School (Fed)	Pleasant Street School	Ayer	22	National Grid	16800	16800	6900	21.53	N/A	Electric	Gas
1145	Oct	9958	Revere ND	14-16 Nahant Street	Revere	6	National Grid	9824	7368	3768	N/A	2.67	Gas	Gas
1146	Oct	10702	Olde English Village	18 Hemlock	Gardner	12	National Grid	13500	13500	2328	N/A	5.96	Gas	Gas
1147	Oct	10703	Olde English Village	24 Hemlock	Gardner	12	National Grid	13500	13500	2328	N/A	5.96	Gas	Gas
1148	Oct	10709	Olde English Village	52 Hemlock	Gardner	12	National Grid	13500	13500	2328	N/A	6.19	Gas	Gas
1149	Oct	10712	Olde English Village	56 Hemlock	Gardner	10	National Grid	9600	9600	2518	N/A	5.18	Gas	Gas
1150	Oct	10714	Olde English Village	60 Hemlock	Gardner	12	National Grid	13500	13500	2328	N/A	6.19	Gas	Gas
1151	Oct	10715	Olde English Village	64 Hemlock	Gardner	10	National Grid	9600	9600	2360	N/A	5.18	Gas	Gas
1152	Oct	10716	Olde English Village	82 Hemlock	Gardner	10	National Grid	10800	10800	2112	1.25	N/A	Gas	Gas
1153	Oct	10717	Olde English Village	86 Hemlock	Gardner	10	National Grid	10800	10800	2112	1.25	N/A	Gas	Gas
1154	Oct	10718	Olde English Village	90 Hemlock	Gardner	10	National Grid	9600	9600	2360	N/A	5.46	Gas	Gas
1155	Oct	10719	Olde English Village	94 Hemlock	Gardner	10	National Grid	9600	9600	2360	N/A	5.46	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
1156	Oct	10723	Olde English Village	164 Manca	Gardner	10	National Grid	8100	8100	2440	N/A	3.84	Gas	Gas
1157	Oct	10724	Olde English Village	168 Manca	Gardner	10	National Grid	8100	8100	2440	N/A	3.84	Gas	Gas
1158	Oct	10725	Olde English Village	152 Manca (plus office)	Gardner	10	National Grid	17000	17000	7690	N/A	7.18	Gas	Gas
1159	Oct	10726	Olde English Village	156 Manca	Gardner	10	National Grid	10800	10800	2112	N/A	6.48	Gas	Gas
1160	Oct	10727	Olde English Village	160 Manca	Gardner	10	National Grid	10800	10800	2112	N/A	6.48	Gas	Gas
1161	Oct	10728	Olde English Village	172 Manca	Gardner	10	National Grid	10800	10800	2112	N/A	5.31	Gas	Gas
1162	Oct	10729	Olde English Village	176 Manca	Gardner	12	National Grid	13500	13500	2328	N/A	5.31	Gas	Gas
1163	Oct	10746	Sirk Building	80 Bridge St	Lowell	46	National Grid	55895	44716	26516	N/A	4.47	Gas	Gas
1164	Oct	10763	The Hayes at Railroad Square	14 Granite Street	Haverhill	57	National Grid	80000	80000	23287	5.82	N/A	Gas	Gas
1165	Oct	10832	Stony Brook Apartments	5 Farmers Way	Westford	3	National Grid	3250	2850	400	N/A	16.59	Gas	Gas
1166	Oct	10833	Stony Brook Apartments	7 Farmers Way	Westford	6	National Grid	7200	7200	500	N/A	8.32	Gas	Gas
1167	Oct	10992	St Joseph's Apartments	511 Moody St	Lowell	15	National Grid	19200	19200	7155	N/A	11.99	Gas	Gas
1168	Oct	11238	Saunders School	243 S Broadway	Lawrence	16	National Grid	15000	15000	4438	9.62	N/A	Gas	Gas
1169	Oct	11258	Silver Meadow	oyce Lane - Community Room/Laundry/O	Wales	1	National Grid	1728	1728	1678	15.37	N/A	Oil	Oil
1170	Oct	11500	The Lorraine	The Lorraine	Northampton	28	National Grid	13480	10280	5200	5.65	6.30	Gas	Gas
1171	Oct	10706A	Olde English Village	38 Hemlock - A	Gardner	1	National Grid	1704	1136	568	N/A	0.88	Gas	Gas
1172	Oct	10706B	Olde English Village	38 Hemlock - B	Gardner	1	National Grid	1704	1136	568	N/A	0.88	Gas	Gas
1173	Oct	10707A	Olde English Village	42 Hemlock - A	Gardner	1	National Grid	1704	1136	568	N/A	0.88	Gas	Gas
1174	Oct	10707B	Olde English Village	42 Hemlock - B	Gardner	1	National Grid	1704	1136	568	N/A	0.88	Gas	Gas
1175	Oct	10721A	Olde English Village	124 Manca - A	Gardner	1	National Grid	1704	1136	568	N/A	1.08	Gas	Gas
1176	Oct	10721B	Olde English Village	124 Manca - B	Gardner	1	National Grid	1704	1136	568	N/A	1.08	Gas	Gas
1177	Oct	10722A	Olde English Village	128 Manca - A	Gardner	1	National Grid	1704	1136	568	N/A	1.08	Gas	Gas
1178	Oct	10722B	Olde English Village	128 Manca - B	Gardner	1	National Grid	1704	1136	568	N/A	1.08	Gas	Gas
1179	Oct	11259A	Silver Meadow	2 Royce Lane	Wales	1	National Grid	583	583	33	0.85	N/A	Oil	Oil
1180	Oct	11259B	Silver Meadow	4 Royce Lane	Wales	1	National Grid	583	583	33	0.85	N/A	Oil	Oil
1181	Oct	11259C	Silver Meadow	6 Royce Lane	Wales	1	National Grid	583	583	33	0.85	N/A	Oil	Oil
1182	Oct	11259D	Silver Meadow	8 Royce Lane	Wales	1	National Grid	583	583	33	0.85	N/A	Oil	Oil
1183	Oct	11259E	Silver Meadow	10 Royce Lane	Wales	1	National Grid	583	583	33	0.85	N/A	Oil	Oil
1184	Oct	11259F	Silver Meadow	12 Royce Lane	Wales	1	National Grid	583	583	33	0.85	N/A	Oil	Oil
1185	Oct	11260A	Silver Meadow	14 Royce Lane	Wales	1	National Grid	600	600	50	1.28	N/A	Oil	Oil
1186	Oct	11260B	Silver Meadow	16 Royce Lane	Wales	1	National Grid	600	600	50	1.28	N/A	Oil	Oil
1187	Oct	11260C	Silver Meadow	18 Royce Lane	Wales	1	National Grid	600	600	50	1.28	N/A	Oil	Oil
1188	Oct	11260D	Silver Meadow	20 Royce Lane	Wales	1	National Grid	600	600	50	1.28	N/A	Oil	Oil
1189	Oct	11261A	Silver Meadow	3 Royce Lane	Wales	1	National Grid	583	583	33	0.85	N/A	Oil	Oil
1190	Oct	11261B	Silver Meadow	5 Royce Lane	Wales	1	National Grid	583	583	33	0.85	N/A	Oil	Oil
1191	Oct	11261C	Silver Meadow	7 Royce Lane	Wales	1	National Grid	583	583	33	0.85	N/A	Oil	Oil
1192	Oct	11261D	Silver Meadow	9 Royce Lane	Wales	1	National Grid	583	583	33	0.85	N/A	Oil	Oil
1193	Oct	11261E	Silver Meadow	11 Royce Lane	Wales	1	National Grid	583	583	33	0.85	N/A	Oil	Oil
1194	Oct	11261F	Silver Meadow	13 Royce Lane	Wales	1	National Grid	583	583	33	0.85	N/A	Oil	Oil
1195	Oct	11262A	Silver Meadow	15 Royce Lane	Wales	1	National Grid	600	600	50	1.28	N/A	Oil	Oil
1196	Oct	11262B	Silver Meadow	17 Royce Lane	Wales	1	National Grid	600	600	50	1.28	N/A	Oil	Oil
1197	Oct	11262C	Silver Meadow	19 Royce Lane	Wales	1	National Grid	600	600	50	1.28	N/A	Oil	Oil
1198	Oct	11262D	Silver Meadow	21 Royce Lane	Wales	1	National Grid	600	600	50	1.28	N/A	Oil	Oil
1199	Oct	4284A	Poplar Park	1 Poplar Park	Gloucester	1	National Grid	461	461	0	3.37	N/A	Gas	Gas
1200	Oct	4284B	Poplar Park	2 Poplar Park	Gloucester	1	National Grid	461	461	0	3.37	N/A	Gas	Gas
1201	Oct	4284C	Poplar Park	3 Poplar Park	Gloucester	1	National Grid	461	461	0	3.37	N/A	Gas	Gas
1202	Oct	4284D	Poplar Park	4 Poplar Park	Gloucester	1	National Grid	461	461	0	3.37	N/A	Gas	Gas
1203	Oct	4285A	Poplar Park	5 Poplar Park	Gloucester	1	National Grid	532	532	0	3.38	N/A	Gas	Gas
1204	Oct	4285B	Poplar Park	6 Poplar Park	Gloucester	1	National Grid	532	532	0	3.38	N/A	Gas	Gas
1205	Oct	4285C	Poplar Park	7 Poplar Park	Gloucester	1	National Grid	532	532	0	3.38	N/A	Gas	Gas
1206	Oct	4285D	Poplar Park	8 Poplar Park	Gloucester	1	National Grid	532	532	0	3.38	N/A	Gas	Gas
1207	Oct	4285E	Poplar Park	9 Poplar Park	Gloucester	1	National Grid	532	532	0	3.38	N/A	Gas	Gas
1208	Oct	4285F	Poplar Park	10 Poplar Park	Gloucester	1	National Grid	532	532	0	3.38	N/A	Gas	Gas
1209	Oct	4285G	Poplar Park	11 Poplar Park	Gloucester	1	National Grid	532	532	0	3.38	N/A	Gas	Gas
1210	Oct	4285H	Poplar Park	12 Poplar Park	Gloucester	1	National Grid	532	532	0	3.38	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
1211	Oct	4286A	Poplar Park	13 Poplar Park	Gloucester	1	National Grid	459	459	0	4.88	N/A	Gas	Gas
1212	Oct	4286B	Poplar Park	14 Poplar Park	Gloucester	1	National Grid	459	459	0	4.88	N/A	Gas	Gas
1213	Oct	4286C	Poplar Park	15 Poplar Park	Gloucester	1	National Grid	459	459	0	4.88	N/A	Gas	Gas
1214	Oct	4286D	Poplar Park	16 Poplar Park	Gloucester	1	National Grid	459	459	0	4.88	N/A	Gas	Gas
1215	Oct	4286E	Poplar Park	17 Poplar Park	Gloucester	1	National Grid	459	459	0	4.88	N/A	Gas	Gas
1216	Oct	4286F	Poplar Park	18 Poplar Park	Gloucester	1	National Grid	459	459	0	4.88	N/A	Gas	Gas
1217	Oct	4287A	Poplar Park	19 Poplar Park	Gloucester	1	National Grid	532	532	0	3.94	N/A	Gas	Gas
1218	Oct	4287B	Poplar Park	20 Poplar Park	Gloucester	1	National Grid	532	532	0	3.94	N/A	Gas	Gas
1219	Oct	4287C	Poplar Park	21 Poplar Park	Gloucester	1	National Grid	532	532	0	3.94	N/A	Gas	Gas
1220	Oct	4287D	Poplar Park	22 Poplar Park	Gloucester	1	National Grid	532	532	0	3.94	N/A	Gas	Gas
1221	Oct	4287E	Poplar Park	23 Poplar Park	Gloucester	1	National Grid	532	532	0	3.94	N/A	Gas	Gas
1222	Oct	4287F	Poplar Park	24 Poplar Park	Gloucester	1	National Grid	532	532	0	3.94	N/A	Gas	Gas
1223	Oct	4287G	Poplar Park	25 Poplar Park	Gloucester	1	National Grid	532	532	0	3.94	N/A	Gas	Gas
1224	Oct	4287H	Poplar Park	26 Poplar Park	Gloucester	1	National Grid	532	532	0	3.94	N/A	Gas	Gas
1225	Oct	4288A	Poplar Park	27 Poplar Park	Gloucester	1	National Grid	532	532	0	3.21	N/A	Gas	Gas
1226	Oct	4288B	Poplar Park	28 Poplar Park	Gloucester	1	National Grid	532	532	0	3.21	N/A	Gas	Gas
1227	Oct	4288C	Poplar Park	29 Poplar Park	Gloucester	1	National Grid	532	532	0	3.21	N/A	Gas	Gas
1228	Oct	4288D	Poplar Park	30 Poplar Park	Gloucester	1	National Grid	532	532	0	3.21	N/A	Gas	Gas
1229	Oct	4288E	Poplar Park	31 Poplar Park	Gloucester	1	National Grid	532	532	0	3.21	N/A	Gas	Gas
1230	Oct	4288F	Poplar Park	32 Poplar Park	Gloucester	1	National Grid	532	532	0	3.21	N/A	Gas	Gas
1231	Oct	4288G	Poplar Park	33 Poplar Park	Gloucester	1	National Grid	532	532	0	3.21	N/A	Gas	Gas
1232	Oct	4288H	Poplar Park	34 Poplar Park	Gloucester	1	National Grid	532	532	0	3.21	N/A	Gas	Gas
1233	Oct	4289A	Poplar Park	35 Poplar Park	Gloucester	1	National Grid	459	459	0	4.23	N/A	Gas	Gas
1234	Oct	4289B	Poplar Park	36 Poplar Park	Gloucester	1	National Grid	459	459	0	4.23	N/A	Gas	Gas
1235	Oct	4289C	Poplar Park	37 Poplar Park	Gloucester	1	National Grid	459	459	0	4.23	N/A	Gas	Gas
1236	Oct	4289D	Poplar Park	38 Poplar Park	Gloucester	1	National Grid	459	459	0	4.23	N/A	Gas	Gas
1237	Oct	4289E	Poplar Park	39 Poplar Park	Gloucester	1	National Grid	459	459	0	4.23	N/A	Gas	Gas
1238	Oct	4289F	Poplar Park	40 Poplar Park	Gloucester	1	National Grid	459	459	0	4.23	N/A	Gas	Gas
1239	Oct	4290A	Poplar Park	41 Poplar Park	Gloucester	1	National Grid	517	517	0	3.39	N/A	Gas	Gas
1240	Oct	4290B	Poplar Park	42 Poplar Park	Gloucester	1	National Grid	517	517	0	3.39	N/A	Gas	Gas
1241	Oct	4290C	Poplar Park	43 Poplar Park	Gloucester	1	National Grid	517	517	0	3.39	N/A	Gas	Gas
1242	Oct	4290D	Poplar Park	44 Poplar Park	Gloucester	1	National Grid	517	517	0	3.39	N/A	Gas	Gas
1243	Oct	4290E	Poplar Park	45 Poplar Park	Gloucester	1	National Grid	517	517	0	3.39	N/A	Gas	Gas
1244	Oct	4290F	Poplar Park	46 Poplar Park	Gloucester	1	National Grid	517	517	0	3.39	N/A	Gas	Gas
1245	Oct	4290G	Poplar Park	47 Poplar Park	Gloucester	1	National Grid	517	517	0	3.39	N/A	Gas	Gas
1246	Oct	4290H	Poplar Park	48 Poplar Park	Gloucester	1	National Grid	517	517	0	3.39	N/A	Gas	Gas
1247	Oct	4290I	Poplar Park	49 Poplar Park	Gloucester	1	National Grid	517	517	0	3.39	N/A	Gas	Gas
1248	Oct	4290J	Poplar Park	50 Poplar Park	Gloucester	1	National Grid	517	517	0	3.39	N/A	Gas	Gas
1249	Oct	4292A	Poplar Park	55 Poplar Park	Gloucester	1	National Grid	486	486	0	6.49	N/A	Gas	Gas
1250	Oct	4292B	Poplar Park	56 Poplar Park	Gloucester	1	National Grid	486	486	0	6.49	N/A	Gas	Gas
1251	Oct	4292C	Poplar Park	57 Poplar Park	Gloucester	1	National Grid	486	486	0	6.49	N/A	Gas	Gas
1252	Oct	4292D	Poplar Park	58 Poplar Park	Gloucester	1	National Grid	486	486	0	6.49	N/A	Gas	Gas
1253	Oct	4295A	Poplar Park	67 Poplar Park	Gloucester	1	National Grid	486	486	0	2.64	N/A	Gas	Gas
1254	Oct	4295B	Poplar Park	68 Poplar Park	Gloucester	1	National Grid	486	486	0	2.64	N/A	Gas	Gas
1255	Oct	4295C	Poplar Park	69 Poplar Park	Gloucester	1	National Grid	486	486	0	2.64	N/A	Gas	Gas
1256	Oct	4295D	Poplar Park	70 Poplar Park	Gloucester	1	National Grid	486	486	0	2.64	N/A	Gas	Gas
1257	Oct	4296A	Poplar Park	71 Poplar Park	Gloucester	1	National Grid	482	482	0	2.85	N/A	Gas	Gas
1258	Oct	4296B	Poplar Park	72 Poplar Park	Gloucester	1	National Grid	482	482	0	2.85	N/A	Gas	Gas
1259	Oct	4296C	Poplar Park	73 Poplar Park	Gloucester	1	National Grid	482	482	0	2.85	N/A	Gas	Gas
1260	Oct	4296D	Poplar Park	74 Poplar Park	Gloucester	1	National Grid	482	482	0	2.85	N/A	Gas	Gas
1261	Oct	4296E	Poplar Park	75 Poplar Park	Gloucester	1	National Grid	482	482	0	2.85	N/A	Gas	Gas
1262	Oct	4296F	Poplar Park	76 Poplar Park	Gloucester	1	National Grid	482	482	0	2.85	N/A	Gas	Gas
1263	Oct	Federal	Snug Harbor	224 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	3.64	N/A	Gas	Gas
1264	Oct	Federal	Snug Harbor	224 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	3.64	N/A	Gas	Gas
1265	Oct	Federal	Snug Harbor	26 Figurehead A	Quincy	1	National Grid	960	640	320	4.04	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
1266	Oct	Federal	Snug Harbor	26 Figurehead B	Quincy	1	National Grid	1577	1051	526	4.04	N/A	Gas	Gas
1267	Oct	Federal	Snug Harbor	26 Figurehead C	Quincy	1	National Grid	1577	1051	526	4.04	N/A	Gas	Gas
1268	Oct	Federal	Snug Harbor	26 Figurehead D	Quincy	1	National Grid	960	640	320	4.04	N/A	Gas	Gas
1269	Oct	Federal	Snug Harbor	26 Taffrail Road A	Quincy	1	National Grid	1043	695	348	3.32	N/A	Gas	Gas
1270	Oct	Federal	Snug Harbor	26 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	3.32	N/A	Gas	Gas
1271	Oct	Federal	Snug Harbor	26 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	3.32	N/A	Gas	Gas
1272	Oct	Federal	Snug Harbor	26 Taffrail Road D	Quincy	1	National Grid	1043	695	348	3.32	N/A	Gas	Gas
1273	Oct	Federal	Snug Harbor	26 Yardarm A	Quincy	1	National Grid	1050	700	350	3.87	N/A	Gas	Gas
1274	Oct	Federal	Snug Harbor	26 Yardarm B	Quincy	1	National Grid	1223	815	408	3.87	N/A	Gas	Gas
1275	Oct	Federal	Snug Harbor	26 Yardarm C	Quincy	1	National Grid	1223	815	408	3.87	N/A	Gas	Gas
1276	Oct	Federal	Snug Harbor	26 Yardarm D	Quincy	1	National Grid	1050	700	350	3.87	N/A	Gas	Gas
1277	Oct	Federal	Snug Harbor	27 Quadrant A	Quincy	1	National Grid	1013	675	338	6.66	N/A	Gas	Gas
1278	Oct	Federal	Snug Harbor	27 Quadrant B	Quincy	1	National Grid	1511	1007	504	6.66	N/A	Gas	Gas
1279	Oct	Federal	Snug Harbor	27 Quadrant C	Quincy	1	National Grid	1511	1007	504	6.66	N/A	Gas	Gas
1280	Oct	Federal	Snug Harbor	27 Quadrant D	Quincy	1	National Grid	1013	675	338	6.66	N/A	Gas	Gas
1281	Oct	Federal	Snug Harbor	30 Taffrail Road A	Quincy	1	National Grid	1043	695	348	4.52	N/A	Gas	Gas
1282	Oct	Federal	Snug Harbor	30 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	4.52	N/A	Gas	Gas
1283	Nov	1778	Landmark House	144 Orange Street	Nantucket	26	National Grid	22586	22586	22106	N/A	7.63	Electric	Electric
1284	Nov	4721	28 Hayden Street	28 Hayden St	Quincy	2	National Grid	3672	2986	1951	1.16	N/A	Gas	Gas
1285	Nov	4738	Liberty Square Apartments	63 Fletcher St	Lowell	18	National Grid	35900	35900	20165	N/A	1.23	Gas	Gas
1286	Nov	5054	41 Berkeley	41 Berkleley	Lawrence	39	National Grid	32600	32600	1700	N/A	15.74	Gas	Gas
1287	Nov	7544	Liberty Square Apartments	174 Broadway	Lowell	6	National Grid	6171	6171	1562	N/A	3.01	Gas	Gas
1288	Nov	7545	Liberty Square Apartments	192 Suffolk St	Lowell	6	National Grid	6083	6083	869	N/A	4.21	Gas	Gas
1289	Nov	7546	Liberty Square Apartments	28 Cork St	Lowell	3	National Grid	5214	5214	681	N/A	1.56	Gas	Gas
1290	Nov	7715	26 Morton Street	26 Morton Street	Quincy	5	National Grid	4000	3000	3400	N/A	1.27	Gas	Gas
1291	Nov	7719	50 Pierce Rd	50 Pierce Road	Weymouth	3	National Grid	2000	1500	500	3.03	N/A	Gas	Gas
1292	Nov	7751	Grandview Terrace	Grandview Terrace - C	Barre	1	National Grid	3125	3125	3124	12.71	12.71	Electric	Electric
1293	Nov	7752	Grandview Terrace	Grandview Terrace - 1	Barre	13	National Grid	9372	9372	0	11.05	N/A	Electric	Electric
1294	Nov	7753	Grandview Terrace	Grandview Terrace - 2	Barre	13	National Grid	9372	9372	0	11.01	N/A	Electric	Electric
1295	Nov	7754	Grandview Terrace	Grandview Terrace - 3	Barre	13	National Grid	9372	9372	0	11.01	N/A	Electric	Electric
1296	Nov	7755	Grandview Terrace	Grandview Terrace - 4	Barre	13	National Grid	9372	9372	0	10.34	N/A	Electric	Electric
1297	Nov	7756	Bradford Apartments	39 Main Street - 667	Barre	4	National Grid	3790	2560	1790	3.66	N/A	Gas	Gas
1298	Nov	7757	Bradford Apartments	39 Main Street - 705	Barre	10	National Grid	30400	20267	16213	3.66	N/A	Gas	Gas
1299	Nov	7777	710 Main Street	710 Main Street	Weymouth	3	National Grid	6297	6090	207	5.00	10.36	Gas	Gas
1300	Nov	7785	150 Quincy Street	150 Quincy Street	Quincy	3	National Grid	2019	1317	966	5.16	N/A	Oil	Oil
1301	Nov	9960	Lafayette Housing LP	8 Peabody Street	Salem	2	National Grid	825	550	275	2.83	2.04	Gas	Electric
1302	Nov	9963	Lafayette Housing LP	51-53 Palmer	Salem	3	National Grid	3930	2802	1128	4.19	1.57	Gas	Gas
1303	Nov	9964	Lafayette Housing LP	100 Congress Street	Salem	4	National Grid	3660	3050	610	5.49	9.26	Gas	Gas
1304	Nov	9967	Lafayette Housing LP	12 Peabody Street	Salem	6	National Grid	4800	3600	1200	N/A	3.26	Gas	Gas
1305	Nov	9969	Lafayette Housing LP	9-11-13-15 Prince Street Place	Salem	4	National Grid	5100	3400	1700	N/A	1.55	Gas	Gas
1306	Nov	9976	Lafayette Housing LP	10 Peabody Street	Salem	3	National Grid	4100	3100	1850	2.77	2.04	Gas	Gas
1307	Nov	10296	Lafayette Housing LP	2-4-6-8 Prince Street Place	Salem	4	National Grid	4800	3200	1600	N/A	1.70	Electric	Electric
1308	Nov	10303	Lafayette Housing LP	10-12-14-16 Prince Street Place	Salem	4	National Grid	4800	3200	1600	2.74	N/A	Gas	Gas
1309	Nov	10511	Lafayette Housing LP	1-3-5-7 Prince Street Place	Salem	4	National Grid	5100	3400	1700	4.66	N/A	Gas	Gas
1310	Nov	10770	22 Shepherd	22 Shepherd St	Gloucester	5	National Grid	5122	3731	2325	N/A	0.04	Gas	Gas
1311	Nov	10964	Brownstone Gardens I & II	79 Pleasant St Bldg G	ast Longmeado	18	National Grid	13992	13992	2732	N/A	8.15	Gas	Gas
1312	Nov	10971	Brownstone Gardens I & II	79 Pleasant St Bldg H	ast Longmeado	14	National Grid	19204	19204	7944	N/A	1.46	Gas	Gas
1313	Nov	10972	Brownstone Gardens I & II	75 Pleasant St Bldg A	ast Longmeado	20	National Grid	17738	17738	7695	N/A	3.18	Gas	Gas
1314	Nov	10974	Brownstone Gardens I & II	75 Pleasant St Bldg B	ast Longmeado	14	National Grid	12272	12272	1150	N/A	16.78	Gas	Gas
1315	Nov	10975	Brownstone Gardens I & II	75 Pleasant St Bldg C	ast Longmeado	14	National Grid	13396	13396	1260	N/A	13.48	Gas	Gas
1316	Nov	10976	Brownstone Gardens I & II	75 Pleasant St Bldg D	ast Longmeado	14	National Grid	13396	13396	1260	N/A	12.27	Gas	Gas
1317	Nov	10977	Brownstone Gardens I & II	75 Pleasant St Bldg E	ast Longmeado	18	National Grid	16887	16887	1822	N/A	12.08	Gas	Gas
1318	Nov	10978	Brownstone Gardens I & II	75 Pleasant St Bldg F	ast Longmeado	20	National Grid	11738	11738	10043	N/A	2.38	Gas	Gas
1319	Nov	11221	Brownstone Gardens I & II	75 Pleasant St Community Building	ast Longmeado	1	National Grid	3208	3208	3158	10.05	N/A	Gas	Gas
1320	Nov	11278	14 and 26 Catherine Street Realty Trust	14 Catharine St	Worcester	6	National Grid	8000	6000	2000	2.80	N/A	Gas	Electric

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1321	Nov	11282	14 and 26 Catherine Street Realty Trust	26 Catharine St	Worcester	6	National Grid	8000	6000	2000	3.09	N/A	Gas	Electric
1322	Nov	11395	Pleasant Court	Community Bldg/Office	Grafton	1	National Grid	1950	1950	1900	8.20	N/A	Electric	Electric
1323	Nov	11580	Riverside Village	24 State St - 1	Leominster	12	National Grid	10793	10793	809	9.61	20.04	Electric	Electric
1324	Nov	11581	Riverside Village	24 State St - 2	Leominster	12	National Grid	10793	10793	1241	8.78	36.67	Electric	Electric
1325	Nov	11583	Riverside Village	24 State St - 4	Leominster	12	National Grid	11813	11813	1669	7.03	12.01	Electric	Electric
1326	Nov	11586	Riverside Village	24 State St - 5	Leominster	12	National Grid	11813	11813	1669	9.79	14.62	Electric	Electric
1327	Nov	11587	Riverside Village	24 State St - 6	Leominster	12	National Grid	11813	11813	1829	N/A	5.74	Electric	Electric
1328	Nov	11588	Riverside Village	24 State St - 7	Leominster	12	National Grid	12834	12834	3282	0.68	2.65	Electric	Electric
1329	Nov	11589	Riverside Village	24 State St - 8	Leominster	12	National Grid	12834	12834	3282	5.94	8.33	Electric	Electric
1330	Nov	11590	Riverside Village	24 State St - 9	Leominster	12	National Grid	12834	12834	3282	7.22	9.35	Electric	Electric
1331	Nov	11591	Riverside Village	24 State St - 10	Leominster	12	National Grid	11397	11397	1253	N/A	21.04	Electric	Electric
1332	Nov	11592	Riverside Village	24 State St - 11	Leominster	12	National Grid	11397	11397	1253	N/A	6.89	Electric	Electric
1333	Nov	11593	Riverside Village	24 State St - 12	Leominster	12	National Grid	12834	12834	2690	N/A	2.98	Electric	Electric
1334	Nov	11594	Riverside Village	24 State St - 13	Leominster	12	National Grid	11822	11822	1678	10.47	29.64	Electric	Electric
1335	Nov	11595	Riverside Village	24 State St - 14	Leominster	12	National Grid	11822	11822	2270	8.37	12.40	Electric	Electric
1336	Nov	11596	Riverside Village	24 State St - 15	Leominster	12	National Grid	11822	11822	1678	5.96	10.90	Electric	Electric
1337	Nov	11597	Riverside Village	24 State St - 16	Leominster	12	National Grid	10508	10508	956	10.32	44.79	Electric	Electric
1338	Nov	11598	Riverside Village	24 State St - 17	Leominster	12	National Grid	11463	11463	1911	7.88	12.85	Electric	Electric
1339	Nov	11599	Riverside Village	24 State St - 19	Leominster	12	National Grid	11463	11463	1911	6.07	8.95	Electric	Electric
1340	Nov	11600	Riverside Village	24 State St - 20	Leominster	12	National Grid	11954	11954	2402	7.13	10.11	Electric	Electric
1341	Nov	11601	Riverside Village	24 State St - 21	Leominster	12	National Grid	11954	11954	1810	7.79	12.42	Electric	Electric
1342	Nov	11602	Riverside Village	24 State St - 22	Leominster	12	National Grid	11954	11954	2402	8.58	11.53	Electric	Electric
1343	Nov	11603	Riverside Village	24 State St - 23	Leominster	12	National Grid	12336	12336	2784	5.74	8.05	Electric	Electric
1344	Nov	11604	Riverside Village	24 State St - 25	Leominster	12	National Grid	12336	12336	2784	7.19	9.76	Electric	Electric
1345	Nov	11605	Riverside Village	24 State St - 27	Leominster	12	National Grid	12336	12336	2192	8.60	11.99	Electric	Electric
1346	Nov	11606	Riverside Village	24 State St - 29	Leominster	12	National Grid	12834	12834	2690	6.27	8.65	Electric	Electric
1347	Nov	11607	Riverside Village	24 State St - 31	Leominster	12	National Grid	11418	11418	1274	9.08	16.78	Electric	Electric
1348	Nov	11699	Pleasant Court	14 and 16 Maxwell Dr	Grafton	8	National Grid	6750	4500	2750	8.20	N/A	Electric	Electric
1349	Nov	11700	Pleasant Court	18 and 20 Maxwell Dr	Grafton	8	National Grid	6750	4500	2750	8.20	N/A	Electric	Electric
1350	Nov	11701	Pleasant Court	2 and 4 Maxwell Dr	Grafton	8	National Grid	6750	4500	2750	8.20	N/A	Electric	Electric
1351	Nov	11702	Pleasant Court	5 and 7 Maxwell Dr	Grafton	8	National Grid	6750	4500	2750	8.20	N/A	Electric	Electric
1352	Nov	11703	Pleasant Court	9 and 11 Maxwell Dr	Grafton	8	National Grid	6750	4500	2750	8.20	N/A	Electric	Electric
1353	Nov	11704	Forest Lane	1 and 3 Forest Ln	Grafton	8	National Grid	4472	4472	472	11.77	N/A	Gas	Gas
1354	Nov	11706	Forest Lane	10 and 12 Forest Ln	Grafton	8	National Grid	4472	4472	472	15.90	N/A	Gas	Gas
1355	Nov	11707	Forest Lane	11 and 13 Forest Ln	Grafton	8	National Grid	4472	4472	472	14.55	N/A	Gas	Gas
1356	Nov	11708	Forest Lane	14 and 16 Forest Ln	Grafton	8	National Grid	4472	4472	472	15.90	N/A	Gas	Gas
1357	Nov	11709	Forest Lane	15 and 17 Forest Ln	Grafton	8	National Grid	4472	4472	472	14.55	N/A	Gas	Gas
1358	Nov	11710	Forest Lane	2 and 4 Forest Ln	Grafton	8	National Grid	4472	4472	472	11.77	N/A	Gas	Gas
1359	Nov	11711	Forest Lane	5 and 7 Forest Ln	Grafton	8	National Grid	4472	4472	472	11.77	N/A	Gas	Gas
1360	Nov	11712	Forest Lane	6 and 8 Forest Ln	Grafton	8	National Grid	4472	4472	472	11.77	N/A	Gas	Gas
1361	Nov	11717	Forest Lane	22 and 24 Forest Ln (667-3)	Grafton	8	National Grid	4784	4784	784	12.58	N/A	Electric	Electric
1362	Nov	11718	Forest Lane	8 Forest Ln (667-3)	Grafton	8	National Grid	4784	4784	784	12.31	N/A	Electric	Electric
1363	Nov	11853	Amesbury CBFS	30 Field St	Amesbury	8	National Grid	5240	5240	4240	8.66	N/A	Gas	Gas
1364	Nov	11857	Parker House CBFS	16A River St	Billerica	8	National Grid	8100	8100	6980	4.63	N/A	Gas	Gas
1365	Nov	11864	Newburyport CBFS	17 Simmons Dr	Newburyport	8	National Grid	4806	4806	3926	6.56	N/A	Gas	Gas
1366	Nov	11869	Liberty Residence	105 Plain St	Rockland	4	National Grid	3116	2216	2676	6.44	N/A	Gas	Gas
1367	Nov	11873	Pondview CBFS	7 Pond View Ln	Tewksbury	8	National Grid	4600	3800	3400	5.83	N/A	Gas	Gas
1368	Nov	11877	Commercial Street CBFS	1604 Commercial St	Weymouth	8	National Grid	7000	6000	1000	0.64	N/A	Gas	Gas
1369	Nov	11897	Lowell Street CBFS	427-429 Lowell St	Lawrence	3	National Grid	4500	3500	1000	1.82	N/A	Gas	Gas
1370	Nov	11898	Marble Ave CBFS	42 Marble Ave	Lawrence	6	National Grid	3400	3400	2680	7.69	N/A	Gas	Gas
1371	Nov	11904	Crossroads CBFS	45 Cross St	Randolph	8	National Grid	4300	3300	3300	3.13	N/A	Gas	Gas
1372	Nov	11905	Metro Suburban Office 3	311 Grove St	Randolph	5	National Grid	2772	1872	2222	3.96	N/A	Gas	Gas
1373	Nov	11918	Power Residence	10 Washington Dr	Randolph	5	National Grid	3740	2840	3140	5.11	N/A	Oil	Electric
1374	Nov	11991	Bay Village	Community Building	Fall River	1	National Grid	3136	3136	3086	13.15	N/A	Gas	Gas
1375	Nov	11992	Bay Village	Building A	Fall River	16	National Grid	13343	13343	3103	5.20	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
1376	Nov	11993	Bay Village	Building B	Fall River	20	National Grid	18250	18250	3650	8.61	N/A	Gas	Gas
1377	Nov	11994	Bay Village	Building C	Fall River	16	National Grid	15253	15253	3653	5.80	N/A	Gas	Gas
1378	Nov	11995	Bay Village	Building D	Fall River	20	National Grid	18125	18125	3625	6.97	N/A	Gas	Gas
1379	Nov	11996	Bay Village	Building E	Fall River	16	National Grid	14600	14600	2920	6.66	N/A	Gas	Gas
1380	Nov	11997	Bay Village	Building F	Fall River	19	National Grid	18250	18250	3650	5.48	N/A	Gas	Gas
1381	Nov	11998	Bay Village	Building G	Fall River	16	National Grid	14500	14500	2900	7.71	N/A	Gas	Gas
1382	Nov	11999	Bay Village	Buildings H & I	Fall River	37	National Grid	34250	34250	6850	6.35	N/A	Gas	Gas
1383	Nov	12000	Bay Village	Building J	Fall River	10	National Grid	12475	12475	3275	5.41	N/A	Gas	Gas
1384	Nov	12001	Bay Village	Building K	Fall River	38	National Grid	34125	34125	6825	6.56	N/A	Gas	Gas
1385	Nov	Federal	Snug Harbor	30 Taffrail Road D	Quincy	1	National Grid	1043	695	348	4.52	N/A	Gas	Gas
1386	Nov	Federal	Snug Harbor	31 Bicknell A	Quincy	1	National Grid	1043	695	348	3.46	N/A	Gas	Gas
1387	Nov	Federal	Snug Harbor	31 Bicknell B	Quincy	1	National Grid	1515	1010	505	3.46	N/A	Gas	Gas
1388	Nov	Federal	Snug Harbor	31 Bicknell C	Quincy	1	National Grid	1515	1010	505	3.46	N/A	Gas	Gas
1389	Nov	Federal	Snug Harbor	31 Bicknell D	Quincy	1	National Grid	1043	695	348	3.46	N/A	Gas	Gas
1390	Nov	Federal	Snug Harbor	31 Binnacle A	Quincy	1	National Grid	1043	695	348	3.78	N/A	Gas	Gas
1391	Nov	Federal	Snug Harbor	31 Binnacle B	Quincy	1	National Grid	1515	1010	505	3.78	N/A	Gas	Gas
1392	Nov	Federal	Snug Harbor	31 Binnacle C	Quincy	1	National Grid	1515	1010	505	3.78	N/A	Gas	Gas
1393	Nov	Federal	Snug Harbor	31 Binnacle D	Quincy	1	National Grid	1043	695	348	3.78	N/A	Gas	Gas
1394	Nov	Federal	Snug Harbor	31 Taffrail Road A	Quincy	1	National Grid	1043	695	348	4.70	N/A	Gas	Gas
1395	Nov	Federal	Snug Harbor	31 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	4.70	N/A	Gas	Gas
1396	Nov	Federal	Snug Harbor	31 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	4.70	N/A	Gas	Gas
1397	Nov	Federal	Snug Harbor	31 Taffrail Road D	Quincy	1	National Grid	1043	695	348	4.70	N/A	Gas	Gas
1398	Nov	Federal	Snug Harbor	32 Bicknell Lane A	Quincy	1	National Grid	1013	675	338	2.96	N/A	Gas	Gas
1399	Nov	Federal	Snug Harbor	32 Bicknell Lane B	Quincy	1	National Grid	1511	1007	504	2.96	N/A	Gas	Gas
1400	Nov	Federal	Snug Harbor	32 Bicknell Lane C	Quincy	1	National Grid	1511	1007	504	2.96	N/A	Gas	Gas
1401	Nov	Federal	Snug Harbor	32 Bicknell Lane D	Quincy	1	National Grid	1013	675	338	2.96	N/A	Gas	Gas
1402	Nov	Federal	Snug Harbor	32 Captains Walk A	Quincy	1	National Grid	1043	695	348	5.64	N/A	Gas	Gas
1403	Nov	Federal	Snug Harbor	32 Captains Walk B	Quincy	1	National Grid	1515	1010	505	5.64	N/A	Gas	Gas
1404	Nov	Federal	Snug Harbor	32 Captains Walk C	Quincy	1	National Grid	1515	1010	505	5.64	N/A	Gas	Gas
1405	Nov	Federal	Snug Harbor	32 Captains Walk D	Quincy	1	National Grid	1043	695	348	5.64	N/A	Gas	Gas
1406	Nov	Federal	Snug Harbor	32 Taffrail Road A	Quincy	1	National Grid	960	640	320	3.51	N/A	Gas	Gas
1407	Nov	Federal	Snug Harbor	32 Taffrail Road B	Quincy	1	National Grid	1577	1051	526	3.51	N/A	Gas	Gas
1408	Nov	Federal	Snug Harbor	32 Taffrail Road C	Quincy	1	National Grid	1577	1051	526	3.51	N/A	Gas	Gas
1409	Nov	Federal	Snug Harbor	32 Taffrail Road D	Quincy	1	National Grid	960	640	320	3.51	N/A	Gas	Gas
1410	Nov	Federal	Snug Harbor	32 Yardam A	Quincy	1	National Grid	1013	675	338	4.89	N/A	Gas	Gas
1411	Nov	Federal	Snug Harbor	32 Yardam B	Quincy	1	National Grid	1511	1007	504	4.89	N/A	Gas	Gas
1412	Nov	Federal	Snug Harbor	32 Yardam C	Quincy	1	National Grid	1511	1007	504	4.89	N/A	Gas	Gas
1413	Nov	Federal	Snug Harbor	32 Yardam D	Quincy	1	National Grid	1013	675	338	4.89	N/A	Gas	Gas
1414	Nov	Federal	Snug Harbor	33 Yardam A	Quincy	1	National Grid	1013	675	338	3.29	N/A	Gas	Gas
1415	Nov	Federal	Snug Harbor	33 Yardam B	Quincy	1	National Grid	1511	1007	504	3.29	N/A	Gas	Gas
1416	Nov	Federal	Snug Harbor	33 Yardam C	Quincy	1	National Grid	1511	1007	504	3.29	N/A	Gas	Gas
1417	Nov	Federal	Snug Harbor	33 Yardam D	Quincy	1	National Grid	1013	675	338	3.29	N/A	Gas	Gas
1418	Nov	Federal	Snug Harbor	34 Figurehead A	Quincy	1	National Grid	960	640	320	3.83	N/A	Gas	Gas
1419	Nov	Federal	Snug Harbor	34 Figurehead B	Quincy	1	National Grid	1577	1051	526	3.83	N/A	Gas	Gas
1420	Nov	Federal	Snug Harbor	34 Figurehead C	Quincy	1	National Grid	1577	1051	526	3.83	N/A	Gas	Gas
1421	Nov	Federal	Snug Harbor	34 Figurehead D	Quincy	1	National Grid	960	640	320	3.83	N/A	Gas	Gas
1422	Nov	Federal	Snug Harbor	346 Palmer A	Quincy	1	National Grid	1013	675	338	4.58	N/A	Gas	Gas
1423	Nov	Federal	Snug Harbor	346 Palmer B	Quincy	1	National Grid	1511	1007	504	4.58	N/A	Gas	Gas
1424	Nov	Federal	Snug Harbor	346 Palmer C	Quincy	1	National Grid	1511	1007	504	4.58	N/A	Gas	Gas
1425	Nov	Federal	Snug Harbor	346 Palmer D	Quincy	1	National Grid	1013	675	338	4.58	N/A	Gas	Gas
1426	Nov	Federal	Snug Harbor	35 Quadrant A	Quincy	1	National Grid	1043	695	348	5.46	N/A	Gas	Gas
1427	Nov	Federal	Snug Harbor	35 Quadrant B	Quincy	1	National Grid	1515	1010	505	5.46	N/A	Gas	Gas
1428	Nov	Federal	Snug Harbor	35 Quadrant C	Quincy	1	National Grid	1515	1010	505	5.46	N/A	Gas	Gas
1429	Nov	Federal	Snug Harbor	35 Quadrant D	Quincy	1	National Grid	1043	695	348	5.46	N/A	Gas	Gas
1430	Nov	Federal	Snug Harbor	357 Palmer A	Quincy	1	National Grid	960	640	320	5.37	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
1431	Nov	Federal	Snug Harbor	357 Palmer B	Quincy	1	National Grid	1577	1051	526	5.37	N/A	Gas	Gas
1432	Nov	Federal	Snug Harbor	357 Palmer C	Quincy	1	National Grid	1577	1051	526	5.37	N/A	Gas	Gas
1433	Nov	Federal	Snug Harbor	357 Palmer D	Quincy	1	National Grid	960	640	320	5.37	N/A	Gas	Gas
1434	Nov	Federal	Snug Harbor	36 Taffrail Road A	Quincy	1	National Grid	1043	695	348	3.12	N/A	Gas	Gas
1435	Nov	Federal	Snug Harbor	36 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	3.12	N/A	Gas	Gas
1436	Nov	Federal	Snug Harbor	36 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	3.12	N/A	Gas	Gas
1437	Nov	Federal	Snug Harbor	36 Taffrail Road D	Quincy	1	National Grid	1043	695	348	3.12	N/A	Gas	Gas
1438	Nov	Federal	Snug Harbor	361 Palmer A	Quincy	1	National Grid	1043	695	348	3.64	N/A	Gas	Gas
1439	Nov	Federal	Snug Harbor	361 Palmer B	Quincy	1	National Grid	1515	1010	505	3.64	N/A	Gas	Gas
1440	Dec	12443A	The Fairways	198-204 Mountain Village	Worcester	4	National Grid	3000	2480	520	3.02	N/A	Gas	Gas
1441	Dec	12443B	The Fairways	206-212 Mountain Village	Worcester	4	National Grid	3000	2480	520	3.02	N/A	Gas	Gas
1442	Dec	12443C	The Fairways	214 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.02	N/A	Gas	Gas
1443	Dec	12443D	The Fairways	216 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.02	N/A	Gas	Gas
1444	Dec	12434A	The Fairways	218 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1445	Dec	12434B	The Fairways	220 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1446	Dec	12434C	The Fairways	222 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1447	Dec	12434D	The Fairways	224 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1448	Dec	12434E	The Fairways	226 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1449	Dec	12434F	The Fairways	228 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1450	Dec	12434G	The Fairways	230 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1451	Dec	12434H	The Fairways	232 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1452	Dec	12434I	The Fairways	234 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1453	Dec	12434J	The Fairways	236 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1454	Dec	12434K	The Fairways	238 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1455	Dec	12434L	The Fairways	240 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1456	Dec	12434M	The Fairways	242 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1457	Dec	12434N	The Fairways	244 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1458	Dec	12434O	The Fairways	246 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.28	N/A	Gas	Gas
1459	Dec	12441A	The Fairways	248 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1460	Dec	12441B	The Fairways	250 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1461	Dec	12441C	The Fairways	252 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1462	Dec	12441D	The Fairways	254 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1463	Dec	12441E	The Fairways	256 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1464	Dec	12441F	The Fairways	258 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1465	Dec	12441G	The Fairways	260 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1466	Dec	12441H	The Fairways	262 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1467	Dec	12441I	The Fairways	264 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1468	Dec	12441J	The Fairways	266 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1469	Dec	12441K	The Fairways	268 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1470	Dec	12441L	The Fairways	270 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1471	Dec	12441M	The Fairways	272 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1472	Dec	12441N	The Fairways	274 Mountain Village	Worcester	1	National Grid	1039	1039	0	3.25	N/A	Gas	Gas
1473	Dec	12447A	The Fairways	276 Mountain Village	Worcester	1	National Grid	1039	1039	0	5.12	N/A	Gas	Gas
1474	Dec	12447B	The Fairways	278 Mountain Village	Worcester	1	National Grid	1039	1039	0	5.12	N/A	Gas	Gas
1475	Dec	12447C	The Fairways	280 Mountain Village	Worcester	1	National Grid	1039	1039	0	5.12	N/A	Gas	Gas
1476	Dec	12447D	The Fairways	282 Mountain Village	Worcester	1	National Grid	1039	1039	0	5.12	N/A	Gas	Gas
1477	Dec	12447E	The Fairways	284 Mountain Village	Worcester	1	National Grid	1039	1039	0	5.12	N/A	Gas	Gas
1478	Dec	12447F	The Fairways	286 Mountain Village	Worcester	1	National Grid	1039	1039	0	5.12	N/A	Gas	Gas
1479	Dec	12447G	The Fairways	288 Mountain Village	Worcester	1	National Grid	1039	1039	0	5.12	N/A	Gas	Gas
1480	Dec	12447H	The Fairways	290 Mountain Village	Worcester	1	National Grid	1039	1039	0	5.12	N/A	Gas	Gas
1481	Dec	12447I	The Fairways	292 Mountain Village	Worcester	1	National Grid	1039	1039	0	5.12	N/A	Gas	Gas
1482	Dec	12447J	The Fairways	294 Mountain Village	Worcester	1	National Grid	1039	1039	0	5.12	N/A	Gas	Gas
1483	Dec	Federal	Snug Harbor	361 Palmer C	Quincy	1	National Grid	1515	1010	505	3.64	N/A	Gas	Gas
1484	Dec	Federal	Snug Harbor	361 Palmer D	Quincy	1	National Grid	1043	695	348	3.64	N/A	Gas	Gas
1485	Dec	Federal	Snug Harbor	365 Palmer A	Quincy	1	National Grid	960	640	320	3.65	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
1486	Dec	Federal	Snug Harbor	365 Palmer B	Quincy	1	National Grid	1577	1051	526	3.65	N/A	Gas	Gas
1487	Dec	Federal	Snug Harbor	365 Palmer C	Quincy	1	National Grid	1577	1051	526	3.65	N/A	Gas	Gas
1488	Dec	Federal	Snug Harbor	365 Palmer D	Quincy	1	National Grid	960	640	320	3.65	N/A	Gas	Gas
1489	Dec	Federal	Snug Harbor	369 Palmer A	Quincy	1	National Grid	1043	695	348	5.37	N/A	Gas	Gas
1490	Dec	Federal	Snug Harbor	369 Palmer B	Quincy	1	National Grid	1515	1010	505	5.37	N/A	Gas	Gas
1491	Dec	Federal	Snug Harbor	369 Palmer C	Quincy	1	National Grid	1515	1010	505	5.37	N/A	Gas	Gas
1492	Dec	Federal	Snug Harbor	369 Palmer D	Quincy	1	National Grid	1043	695	348	5.37	N/A	Gas	Gas
1493	Dec	Federal	Snug Harbor	375 Palmer A	Quincy	1	National Grid	1013	675	338	5.11	N/A	Gas	Gas
1494	Dec	Federal	Snug Harbor	375 Palmer B	Quincy	1	National Grid	1511	1007	504	5.11	N/A	Gas	Gas
1495	Dec	Federal	Snug Harbor	375 Palmer C	Quincy	1	National Grid	1511	1007	504	5.11	N/A	Gas	Gas
1496	Dec	Federal	Snug Harbor	375 Palmer D	Quincy	1	National Grid	1013	675	338	5.11	N/A	Gas	Gas
1497	Dec	Federal	Snug Harbor	377 Palmer A	Quincy	1	National Grid	1043	695	348	3.49	N/A	Gas	Gas
1498	Dec	Federal	Snug Harbor	377 Palmer B	Quincy	1	National Grid	1515	1010	505	3.49	N/A	Gas	Gas
1499	Dec	Federal	Snug Harbor	377 Palmer C	Quincy	1	National Grid	1515	1010	505	3.49	N/A	Gas	Gas
1500	Dec	Federal	Snug Harbor	377 Palmer D	Quincy	1	National Grid	1043	695	348	3.49	N/A	Gas	Gas
1501	Dec	Federal	Snug Harbor	38 Taffrail Road A	Quincy	1	National Grid	1043	695	348	4.18	N/A	Gas	Gas
1502	Dec	Federal	Snug Harbor	38 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	4.18	N/A	Gas	Gas
1503	Dec	Federal	Snug Harbor	38 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	4.18	N/A	Gas	Gas
1504	Dec	Federal	Snug Harbor	38 Taffrail Road D	Quincy	1	National Grid	1043	695	348	4.18	N/A	Gas	Gas
1505	Dec	Federal	Snug Harbor	381 Palmer A	Quincy	1	National Grid	1013	675	338	3.82	N/A	Gas	Gas
1506	Dec	Federal	Snug Harbor	381 Palmer B	Quincy	1	National Grid	1511	1007	504	3.82	N/A	Gas	Gas
1507	Dec	Federal	Snug Harbor	381 Palmer C	Quincy	1	National Grid	1511	1007	504	3.82	N/A	Gas	Gas
1508	Dec	Federal	Snug Harbor	381 Palmer D	Quincy	1	National Grid	1013	675	338	3.82	N/A	Gas	Gas
1509	Dec	Federal	Snug Harbor	391 Taffrail Road A	Quincy	1	National Grid	1043	695	348	3.58	N/A	Gas	Gas
1510	Dec	Federal	Snug Harbor	391 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	3.58	N/A	Gas	Gas
1511	Dec	Federal	Snug Harbor	391 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	3.58	N/A	Gas	Gas
1512	Dec	Federal	Snug Harbor	391 Taffrail Road D	Quincy	1	National Grid	1043	695	348	3.58	N/A	Gas	Gas
1513	Dec	Federal	Snug Harbor	4 Figurehead A	Quincy	1	National Grid	1043	695	348	3.85	N/A	Gas	Gas
1514	Dec	Federal	Snug Harbor	4 Figurehead B	Quincy	1	National Grid	1515	1010	505	3.85	N/A	Gas	Gas
1515	Dec	Federal	Snug Harbor	4 Figurehead C	Quincy	1	National Grid	1515	1010	505	3.85	N/A	Gas	Gas
1516	Dec	Federal	Snug Harbor	4 Figurehead D	Quincy	1	National Grid	1043	695	348	3.85	N/A	Gas	Gas
1517	Dec	Federal	Snug Harbor	4 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	4.36	N/A	Gas	Gas
1518	Dec	Federal	Snug Harbor	4 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	4.36	N/A	Gas	Gas
1519	Dec	Federal	Snug Harbor	4 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	4.36	N/A	Gas	Gas
1520	Dec	Federal	Snug Harbor	4 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	4.36	N/A	Gas	Gas
1521	Dec	Federal	Snug Harbor	4 Yardarm A	Quincy	1	National Grid	1050	700	350	4.21	N/A	Gas	Gas
1522	Dec	Federal	Snug Harbor	4 Yardarm B	Quincy	1	National Grid	1223	815	408	4.21	N/A	Gas	Gas
1523	Dec	Federal	Snug Harbor	4 Yardarm C	Quincy	1	National Grid	1223	815	408	4.21	N/A	Gas	Gas
1524	Dec	Federal	Snug Harbor	4 Yardarm D	Quincy	1	National Grid	1050	700	350	4.21	N/A	Gas	Gas
1525	Dec	Federal	Snug Harbor	40 Captains Walk A	Quincy	1	National Grid	1043	695	348	2.07	N/A	Gas	Gas
1526	Dec	Federal	Snug Harbor	40 Captains Walk B	Quincy	1	National Grid	1515	1010	505	2.07	N/A	Gas	Gas
1527	Dec	Federal	Snug Harbor	40 Captains Walk C	Quincy	1	National Grid	1515	1010	505	2.07	N/A	Gas	Gas
1528	Dec	Federal	Snug Harbor	40 Captains Walk D	Quincy	1	National Grid	1043	695	348	2.07	N/A	Gas	Gas
1529	Dec	Federal	Snug Harbor	401 Palmer A	Quincy	1	National Grid	960	640	320	4.73	N/A	Gas	Gas
1530	Dec	Federal	Snug Harbor	401 Palmer B	Quincy	1	National Grid	1577	1051	526	4.73	N/A	Gas	Gas
1531	Dec	Federal	Snug Harbor	401 Palmer C	Quincy	1	National Grid	1577	1051	526	4.73	N/A	Gas	Gas
1532	Dec	Federal	Snug Harbor	401 Palmer D	Quincy	1	National Grid	960	640	320	4.73	N/A	Gas	Gas
1533	Dec	Federal	Snug Harbor	41 Taffrail Road A	Quincy	1	National Grid	960	640	320	4.80	N/A	Gas	Gas
1534	Dec	Federal	Snug Harbor	41 Taffrail Road B	Quincy	1	National Grid	1577	1051	526	4.80	N/A	Gas	Gas
1535	Dec	Federal	Snug Harbor	41 Taffrail Road C	Quincy	1	National Grid	1577	1051	526	4.80	N/A	Gas	Gas
1536	Dec	Federal	Snug Harbor	41 Taffrail Road D	Quincy	1	National Grid	960	640	320	4.80	N/A	Gas	Gas
1537	Dec	Federal	Snug Harbor	425 Palmer A	Quincy	1	National Grid	1013	675	338	3.93	N/A	Gas	Gas
1538	Dec	Federal	Snug Harbor	425 Palmer B	Quincy	1	National Grid	1511	1007	504	3.93	N/A	Gas	Gas
1539	Dec	Federal	Snug Harbor	425 Palmer C	Quincy	1	National Grid	1511	1007	504	3.93	N/A	Gas	Gas
1540	Dec	Federal	Snug Harbor	425 Palmer D	Quincy	1	National Grid	1013	675	338	3.93	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
1541	Dec	Federal	Snug Harbor	436 Palmer A	Quincy	1	National Grid	960	640	320	4.57	N/A	Gas	Gas
1542	Dec	Federal	Snug Harbor	436 Palmer B	Quincy	1	National Grid	1577	1051	526	4.57	N/A	Gas	Gas
1543	Dec	Federal	Snug Harbor	436 Palmer C	Quincy	1	National Grid	1577	1051	526	4.57	N/A	Gas	Gas
1544	Dec	Federal	Snug Harbor	436 Palmer D	Quincy	1	National Grid	960	640	320	4.57	N/A	Gas	Gas
1545	Dec	Federal	Snug Harbor	445 Palmer A	Quincy	1	National Grid	1050	700	350	4.10	N/A	Gas	Gas
1546	Dec	Federal	Snug Harbor	445 Palmer B	Quincy	1	National Grid	1223	815	408	4.10	N/A	Gas	Gas
1547	Dec	Federal	Snug Harbor	445 Palmer C	Quincy	1	National Grid	1223	815	408	4.10	N/A	Gas	Gas
1548	Dec	Federal	Snug Harbor	445 Palmer D	Quincy	1	National Grid	1050	700	350	4.10	N/A	Gas	Gas
1549	Dec	Federal	Snug Harbor	46 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	2.72	N/A	Gas	Gas
1550	Dec	Federal	Snug Harbor	46 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	2.72	N/A	Gas	Gas
1551	Dec	Federal	Snug Harbor	46 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	2.72	N/A	Gas	Gas
1552	Dec	Federal	Snug Harbor	46 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	2.72	N/A	Gas	Gas
1553	Dec	Federal	Snug Harbor	50 Captains Walk A	Quincy	1	National Grid	1043	695	348	4.66	N/A	Gas	Gas
1554	Dec	Federal	Snug Harbor	50 Captains Walk B	Quincy	1	National Grid	1515	1010	505	4.66	N/A	Gas	Gas
1555	Dec	Federal	Snug Harbor	50 Captains Walk C	Quincy	1	National Grid	1515	1010	505	4.66	N/A	Gas	Gas
1556	Dec	Federal	Snug Harbor	50 Captains Walk D	Quincy	1	National Grid	1043	695	348	4.66	N/A	Gas	Gas
1557	Dec	Federal	Snug Harbor	52 Yardam A	Quincy	1	National Grid	1043	695	348	4.98	N/A	Gas	Gas
1558	Dec	Federal	Snug Harbor	52 Yardam B	Quincy	1	National Grid	1515	1010	505	4.98	N/A	Gas	Gas
1559	Dec	Federal	Snug Harbor	52 Yardam C	Quincy	1	National Grid	1515	1010	505	4.98	N/A	Gas	Gas
1560	Dec	Federal	Snug Harbor	52 Yardam D	Quincy	1	National Grid	1043	695	348	4.98	N/A	Gas	Gas
1561	Dec	Federal	Snug Harbor	54 Yardam A	Quincy	1	National Grid	1043	695	348	4.09	N/A	Gas	Gas
1562	Dec	Federal	Snug Harbor	54 Yardam B	Quincy	1	National Grid	1515	1010	505	4.09	N/A	Gas	Gas
1563	Dec	Federal	Snug Harbor	54 Yardam C	Quincy	1	National Grid	1515	1010	505	4.09	N/A	Gas	Gas
1564	Dec	Federal	Snug Harbor	54 Yardam D	Quincy	1	National Grid	1043	695	348	4.09	N/A	Gas	Gas
1565	Dec	Federal	Snug Harbor	56 Yardarm A	Quincy	1	National Grid	1050	700	350	2.43	N/A	Gas	Gas
1566	Dec	Federal	Snug Harbor	56 Yardarm B	Quincy	1	National Grid	1223	815	408	2.43	N/A	Gas	Gas
1567	Dec	Federal	Snug Harbor	56 Yardarm C	Quincy	1	National Grid	1223	815	408	2.43	N/A	Gas	Gas
1568	Dec	Federal	Snug Harbor	56 Yardarm D	Quincy	1	National Grid	1050	700	350	2.43	N/A	Gas	Gas
1569	Dec	Federal	Snug Harbor	6 Bicknell Lane A	Quincy	1	National Grid	1013	675	338	3.12	N/A	Gas	Gas
1570	Dec	Federal	Snug Harbor	6 Bicknell Lane B	Quincy	1	National Grid	1511	1007	504	3.12	N/A	Gas	Gas
1571	Dec	11917	Sunset Lake House CBFS	76 Union St	Randolph	5	National Grid	3500	3500	2750	3.95	N/A	Gas	Gas
1572	Dec	11858	Tercentennial Drive	73 Tercentennial Dr	Billerica	5	National Grid	3434	2634	2884	4.18	N/A	Gas	Gas
1573	Dec	11872	Trinity Village	Building A	Brockton	53	National Grid	49011	49011	13891	N/A	4.43	Gas	Gas
1574	Dec	11874	Trinity Village	Building B	Brockton	20	National Grid	17256	17256	5208	N/A	7.61	Gas	Gas
1575	Dec	11876	Trinity Village	Building C	Brockton	51	National Grid	47517	47517	14343	N/A	5.31	Gas	Gas
1576	Dec	11878	Trinity Village	Building D	Brockton	8	National Grid	10966	10966	480	N/A	24.36	Gas	Gas
1577	Dec	11880	Trinity Village	Building E	Brockton	7	National Grid	9819	9819	420	N/A	28.78	Gas	Gas
1578	Dec	11884	Trinity Village	Building F	Brockton	7	National Grid	9464	9464	420	N/A	23.49	Gas	Gas
1579	Dec	11886	Trinity Village	Building G	Brockton	9	National Grid	11418	11418	540	N/A	23.92	Gas	Gas
1580	Dec	11889	Trinity Village	Building H	Brockton	9	National Grid	11418	11418	540	N/A	17.37	Gas	Gas
1581	Dec	8695	Trinity Village	Office Building	Brockton	1	National Grid	5450	5450	5400	3.24	N/A	Gas	Gas
1582	Dec	11387	Veteran's Circle	1-2 Veteran's Circle	Grafton	2	National Grid	2964	1976	988	3.20	N/A	Electric	Electric
1583	Dec	11392	Veteran's Circle	11-12 Veteran's Circle	Grafton	2	National Grid	2964	1976	988	2.15	N/A	Electric	Electric
1584	Dec	11393	Veteran's Circle	13-14 Veteran's Circle	Grafton	2	National Grid	2964	1976	988	3.29	N/A	Electric	Electric
1585	Dec	11394	Veteran's Circle	15-16 Veteran's Circle	Grafton	2	National Grid	2964	1976	988	2.92	N/A	Electric	Electric
1586	Dec	11388	Veteran's Circle	3-4 Veteran's Circle	Grafton	2	National Grid	2964	1976	988	2.94	N/A	Electric	Electric
1587	Dec	11389	Veteran's Circle	5-6 Veteran's Circle	Grafton	2	National Grid	2964	1976	988	2.63	N/A	Electric	Electric
1588	Dec	11390	Veteran's Circle	7-8 Veteran's Circle	Grafton	2	National Grid	2964	1976	988	1.96	N/A	Electric	Electric
1589	Dec	11391	Veteran's Circle	9-10 Veteran's Circle	Grafton	2	National Grid	2964	1976	988	2.37	N/A	Electric	Electric
1590	Dec	4291B	Poplar Park	52 Poplar Park	Gloucester	1	National Grid	486	486	36	2.89	N/A	Gas	Gas
1591	Dec	4291C	Poplar Park	53 Poplar Park	Gloucester	1	National Grid	486	486	36	2.89	N/A	Gas	Gas
1592	Dec	4291D	Poplar Park	54 Poplar Park	Gloucester	1	National Grid	486	486	36	2.89	N/A	Gas	Gas
1593	Dec	4293B	Poplar Park	60 Poplar Park	Gloucester	1	National Grid	486	486	36	0.71	N/A	Gas	Gas
1594	Dec	4293C	Poplar Park	61 Poplar Park	Gloucester	1	National Grid	486	486	36	0.71	N/A	Gas	Gas
1595	Dec	4293D	Poplar Park	62 Poplar Park	Gloucester	1	National Grid	486	486	36	0.71	N/A	Gas	Gas

National Grid Electric 2012 Usage

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
1596	Dec	4294B	Poplar Park	64 Poplar Park	Gloucester	1	National Grid	486	486	36	2.70	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual Therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1	Jan	7180	51-57 Beals	51-53 Beals	Brookline	15	National Grid	8823	8823	3123	86837	8663	0.98	Gas	Gas
2	Jan	7181	51-57 Beals	55-57 Beals	Brookline	18	National Grid	8856	8856	2856	13344	1182	0.13	Oil	Gas
3	Jan	7224	Beverly Fairweather	245 Elliot St	Beverly	62	National Grid	37879	37879	5681	46078	17454	0.46	Gas	Gas
4	Jan	7140	Bryant Manor	75 MYRTLE STREET/BLDG 1	Somerville	134	National Grid	87670	87670	20670	69997	61367	0.70	Gas	Gas
5	Jan	7450	Col. Floyd Apts	19 & 23 FOSTER ST	Brookline	8	National Grid	4080	4080	0	143084	5838	1.43	Gas	Gas
6	Jan	7449	Col. Floyd Apts	28-32-36 FOSTER ST	Brookline	12	National Grid	6052	6052	0	143084	8659	1.43	Gas	Gas
7	Jan	7451	Col. Floyd Apts	31 & 33 FOSTER ST	Brookline	8	National Grid	4080	4080	0	143084	5838	1.43	Gas	Gas
8	Jan	7446	Col. Floyd Apts	32-34-40-40A MARION ST	Brookline	16	National Grid	8160	8160	0	143084	11676	1.43	Gas	Gas
9	Jan	7448	Col. Floyd Apts	36 & 36A MARION ST	Brookline	8	National Grid	4080	4080	0	143084	5838	1.43	Gas	Gas
10	Jan	7447	Col. Floyd Apts	38 & 38A MARION ST	Brookline	8	National Grid	4080	4080	0	143084	5838	1.43	Gas	Gas
11	Jan	Federal	Colwell	Colwell 1	Lowell	4	National Grid	5200	5200	0	79827	4151	0.80	Gas	Gas
12	Jan	Federal	Colwell	Colwell 2	Lowell	4	National Grid	5200	5200	0	115808	6022	1.16	Gas	Gas
13	Jan	Federal	Colwell	Colwell 3	Lowell	4	National Grid	4100	4100	0	109171	4476	1.09	Gas	Gas
14	Jan	Federal	Colwell	Colwell 4	Lowell	4	National Grid	3750	3750	0	157520	5907	1.58	Gas	Gas
15	Jan	Federal	Colwell	Colwell 5	Lowell	4	National Grid	3750	3750	0	99307	3724	0.99	Gas	Gas
16	Jan	7137	Corbett Apartments	32 JAQUES STREET/BLDG 1	Somerville	37	National Grid	35400	23600	16900	227202	53620	2.27	Gas	Gas
17	Jan	Federal	Crane St	Crane St 1	Lowell	4	National Grid	2400	2400	0	104750	2514	1.05	Gas	Gas
18	Jan	Federal	Crane St	Crane St 2	Lowell	4	National Grid	2400	2400	0	100083	2402	1.00	Gas	Gas
19	Jan	7226	Danvers Fairweather	11 Porter St	Danvers	44	National Grid	27554	27554	4133	47385	13057	0.47	Gas	Gas
20	Jan	7432	Deming Way	1-4 DEMING WAY	Wilmington	4	National Grid	3760	1880	1880	268334	5045	2.68	Gas	Gas
21	Jan	7443	Deming Way	100 DEMING WAY EXTENSION	Wilmington	32	National Grid	18075	12050	7075	201251	24251	2.01	Gas	Gas
22	Jan	7435	Deming Way	13-16 DEMING WAY	Wilmington	4	National Grid	3760	1880	1880	268334	5045	2.68	Gas	Gas
23	Jan	7436	Deming Way	17-20 DEMING WAY	Wilmington	4	National Grid	3760	1880	1880	268334	5045	2.68	Gas	Gas
24	Jan	7442	Deming Way	21-24 DEMING WAY	Wilmington	4	National Grid	3760	1880	1880	268334	5045	2.68	Gas	Gas
25	Jan	7437	Deming Way	25-28 DEMING WAY	Wilmington	4	National Grid	3760	1880	1880	268334	5045	2.68	Gas	Gas
26	Jan	7440	Deming Way	29-32 DEMING WAY	Wilmington	4	National Grid	3864	1932	1932	268334	5184	2.68	Gas	Gas
27	Jan	7438	Deming Way	33-36 DEMING WAY	Wilmington	4	National Grid	3760	1880	1880	268334	5045	2.68	Gas	Gas
28	Jan	7433	Deming Way	37-40 DEMING WAY	Wilmington	4	National Grid	3760	1880	1880	268334	5045	2.68	Gas	Gas
29	Jan	7441	Deming Way	41 DEMING WAY	Wilmington	1	National Grid	5062	2531	2531	268334	6792	2.68	Gas	Gas
30	Jan	7434	Deming Way	5-8 DEMING WAY	Wilmington	4	National Grid	3760	1880	1880	268334	5045	2.68	Gas	Gas
31	Jan	7439	Deming Way	9-12 DEMING WAY	Wilmington	4	National Grid	3864	1932	1932	268334	5184	2.68	Gas	Gas
32	Jan	7378	Enon Village	Community Building	Wenham	1	National Grid	3015	3015	3014	50662	1527	0.51	Gas	Gas
33	Jan	Federal	Father Norton	Father Norton	Lowell	112	National Grid	72000	72000	18000	98763	53332	0.99	Gas	Gas
34	Jan	Federal	Flanagan Village	Flanagan Village 1	Lowell	4	National Grid	3400	3400	0	102518	3486	1.03	Gas	Gas
35	Jan	Federal	Flanagan Village	Flanagan Village 10	Lowell	4	National Grid	4000	4000	0	102518	4101	1.03	Gas	Gas
36	Jan	Federal	Flanagan Village	Flanagan Village 11	Lowell	5	National Grid	6000	6000	0	102518	6151	1.03	Gas	Gas
37	Jan	Federal	Flanagan Village	Flanagan Village 12	Lowell	5	National Grid	6000	6000	0	102518	6151	1.03	Gas	Gas
38	Jan	Federal	Flanagan Village	Flanagan Village 13	Lowell	4	National Grid	2800	2800	0	102518	2870	1.03	Gas	Gas
39	Jan	Federal	Flanagan Village	Flanagan Village 14	Lowell	5	National Grid	6000	6000	0	102518	6151	1.03	Gas	Gas
40	Jan	Federal	Flanagan Village	Flanagan Village 15	Lowell	4	National Grid	2800	2800	0	102518	2870	1.03	Gas	Gas
41	Jan	Federal	Flanagan Village	Flanagan Village 16	Lowell	4	National Grid	3400	3400	0	102518	3486	1.03	Gas	Gas
42	Jan	Federal	Flanagan Village	Flanagan Village 17	Lowell	4	National Grid	4000	4000	0	102518	4101	1.03	Gas	Gas
43	Jan	Federal	Flanagan Village	Flanagan Village 18	Lowell	4	National Grid	3400	3400	0	102518	3486	1.03	Gas	Gas
44	Jan	Federal	Flanagan Village	Flanagan Village 19	Lowell	4	National Grid	4600	4600	0	102518	4716	1.03	Gas	Gas
45	Jan	Federal	Flanagan Village	Flanagan Village 2	Lowell	1	National Grid	10600	10600	0	102518	10867	1.03	Gas	Gas
46	Jan	Federal	Flanagan Village	Flanagan Village 20	Lowell	4	National Grid	4000	4000	0	102518	4101	1.03	Gas	Gas
47	Jan	Federal	Flanagan Village	Flanagan Village 21	Lowell	4	National Grid	4000	4000	0	102518	4101	1.03	Gas	Gas
48	Jan	Federal	Flanagan Village	Flanagan Village 22	Lowell	4	National Grid	3400	3400	0	102518	3486	1.03	Gas	Gas
49	Jan	Federal	Flanagan Village	Flanagan Village 23	Lowell	4	National Grid	3400	3400	0	102518	3486	1.03	Gas	Gas
50	Jan	Federal	Flanagan Village	Flanagan Village 24	Lowell	5	National Grid	6000	6000	0	102518	6151	1.03	Gas	Gas
51	Jan	Federal	Flanagan Village	Flanagan Village 25	Lowell	5	National Grid	6000	6000	0	102518	6151	1.03	Gas	Gas
52	Jan	Federal	Flanagan Village	Flanagan Village 26	Lowell	4	National Grid	2800	2800	0	102518	2870	1.03	Gas	Gas
53	Jan	Federal	Flanagan Village	Flanagan Village 27	Lowell	4	National Grid	2800	2800	0	102518	2870	1.03	Gas	Gas
54	Jan	Federal	Flanagan Village	Flanagan Village 28	Lowell	4	National Grid	2800	2800	0	102518	2870	1.03	Gas	Gas
55	Jan	Federal	Flanagan Village	Flanagan Village 29	Lowell	5	National Grid	6000	6000	0	102518	6151	1.03	Gas	Gas
56	Jan	Federal	Flanagan Village	Flanagan Village 3	Lowell	5	National Grid	4600	4600	0	102518	4716	1.03	Gas	Gas
57	Jan	Federal	Flanagan Village	Flanagan Village 30	Lowell	5	National Grid	6000	6000	0	102518	6151	1.03	Gas	Gas
58	Jan	Federal	Flanagan Village	Flanagan Village 31	Lowell	4	National Grid	3400	3400	0	102518	3486	1.03	Gas	Gas
59	Jan	Federal	Flanagan Village	Flanagan Village 32	Lowell	4	National Grid	2800	2800	0	102518	2870	1.03	Gas	Gas
60	Jan	Federal	Flanagan Village	Flanagan Village 33	Lowell	4	National Grid	3400	3400	0	102518	3486	1.03	Gas	Gas
61	Jan	Federal	Flanagan Village	Flanagan Village 34	Lowell	4	National Grid	2800	2800	0	102518	2870	1.03	Gas	Gas
62	Jan	Federal	Flanagan Village	Flanagan Village 35	Lowell	5	National Grid	6000	6000	0	102518	6151	1.03	Gas	Gas
63	Jan	Federal	Flanagan Village	Flanagan Village 36	Lowell	4	National Grid	2800	2800	0	102518	2870	1.03	Gas	Gas
64	Jan	Federal	Flanagan Village	Flanagan Village 37	Lowell	3	National Grid	3800	3800	0	102518	3896	1.03	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/Conditioned ft2	Annual Therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
65	Jan	Federal	Flanagan Village	Flanagan Village 4	Lowell	4	National Grid	3400	3400	0	102518	3486	1.03	Gas	Gas
66	Jan	Federal	Flanagan Village	Flanagan Village 5	Lowell	4	National Grid	4000	4000	0	102518	4101	1.03	Gas	Gas
67	Jan	Federal	Flanagan Village	Flanagan Village 6	Lowell	4	National Grid	4000	4000	0	102518	4101	1.03	Gas	Gas
68	Jan	Federal	Flanagan Village	Flanagan Village 7	Lowell	5	National Grid	6000	6000	0	102518	6151	1.03	Gas	Gas
69	Jan	Federal	Flanagan Village	Flanagan Village 8	Lowell	4	National Grid	4600	4600	0	102518	4716	1.03	Gas	Gas
70	Jan	Federal	Flanagan Village	Flanagan Village 9	Lowell	4	National Grid	2800	2800	0	102518	2870	1.03	Gas	Gas
71	Jan	7190	Green Street Ct	GREEN ST COURT 1(A)	Marblehead	8	National Grid	8100	5400	1400	123455	6667	1.23	Gas	Gas
72	Jan	7191	Green Street Ct	GREEN ST COURT 2(B)	Marblehead	8	National Grid	3636	2424	0	123455	2993	1.23	Gas	Gas
73	Jan	7192	Green Street Ct	GREEN ST COURT 3(C)	Marblehead	8	National Grid	8100	5400	1400	123455	6667	1.23	Gas	Gas
74	Jan	7193	Green Street Ct	GREEN ST COURT 4(D)	Marblehead	8	National Grid	3636	2424	0	123455	2993	1.23	Gas	Gas
75	Jan	Federal	Hampshire Pl	Hampshire Pl 1	Lowell	6	National Grid	5600	5600	0	101179	5666	1.01	Gas	Gas
76	Jan	Federal	Hampshire Pl	Hampshire Pl 2	Lowell	6	National Grid	5200	5200	0	110481	5745	1.10	Gas	Gas
77	Jan	826	Jenkins	11 Jenkins	South Boston	3	National Grid	1000	750	250	87000	870	0.87	Gas	Gas
78	Jan	7157	Mystic River	10 MEMORIAL ROAD/BLDG 5	Somerville	24	National Grid	24252	18189	8792	152406	27721	1.52	Gas	Gas
79	Jan	7156	Mystic River	15 MEMORIAL ROAD/BLDG 4	Somerville	26	National Grid	24252	18189	8792	152406	27721	1.52	Gas	Gas
80	Jan	7160	Mystic River	35 MEMORIAL ROAD/BLDG 8	Somerville	24	National Grid	24252	18189	8792	152406	27721	1.52	Gas	Gas
81	Jan	7161	Mystic River	40 MEMORIAL ROAD/BLDG 9	Somerville	24	National Grid	24252	18189	8792	152406	27721	1.52	Gas	Gas
82	Jan	7159	Mystic River	45 MEMORIAL ROAD/BLDG 7	Somerville	24	National Grid	24252	18189	8792	152406	27721	1.52	Gas	Gas
83	Jan	7154	Mystic River	50 MEMORIAL ROAD/BLDG 10	Somerville	24	National Grid	24252	18189	8792	152406	27721	1.52	Gas	Gas
84	Jan	7153	Mystic River	500 MYSTIC AVENUE/BLDG 1	Somerville	24	National Grid	24252	18189	8792	152406	27721	1.52	Gas	Gas
85	Jan	7155	Mystic River	510 MYSTIC RIVER	Somerville	24	National Grid	24252	18189	8792	152406	27721	1.52	Gas	Gas
86	Jan	7163	Mystic River	520 MYSTIC AVENUE/BLDG 11 -Recreation Building	Somerville	1	National Grid	7920	3960	7919	228608	9053	2.29	Gas	Gas
87	Jan	7164	Mystic River	MYSTIC RIVER - Administration Building	Somerville	1	National Grid	2400	1200	2399	228609	2743	2.29	Gas	Gas
88	Jan	7165	Mystic River	Mystic River- Maintenance Garage	Somerville	1	National Grid	2000	1000	1999	228608	2286	2.29	Gas	Gas
89	Jan	7461	Nahatan Village	60-62-64 NAHATAN STREET	Norwood	16	National Grid	16524	11016	8524	59428	6547	0.59	Gas	Gas
90	Jan	7462	Nahatan Village	66-68-70 NAHATAN STREET	Norwood	16	National Grid	16524	11016	8524	59428	6547	0.59	Gas	Gas
91	Jan	7105	New Grove St	330-332 GROVE ST	Waltham	2	National Grid	1356	1356	271	35139	476	0.35	Gas	Gas
92	Jan	7194	Old Farrell Ct & Farrell Ct	FARRELL COURT - 1	Marblehead	64	National Grid	42000	28000	0	98676	27629	0.99	Gas	Gas
93	Jan	7195	Old Farrell Ct & Farrell Ct	FARRELL COURT - 1 (65-72)	Marblehead	8	National Grid	4762	4762	762	98676	4699	0.99	Gas	Gas
94	Jan	7196	Old Farrell Ct & Farrell Ct	FARRELL COURT - 2 (73-80)	Marblehead	8	National Grid	4762	4762	762	98676	4699	0.99	Gas	Gas
95	Jan	7197	Old Farrell Ct & Farrell Ct	FARRELL COURT - 3 (81-88)	Marblehead	8	National Grid	4648	4648	648	98676	4586	0.99	Gas	Gas
96	Jan	7198	Old Farrell Ct & Farrell Ct	FARRELL COURT - 4 (89-96)	Marblehead	8	National Grid	4648	4648	648	98676	4586	0.99	Gas	Gas
97	Jan	7199	Old Farrell Ct & Farrell Ct	FARRELL COURT - 5 (97-100)	Marblehead	4	National Grid	2354	2354	354	98676	2323	0.99	Gas	Gas
98	Jan	7200	Old Farrell Ct & Farrell Ct	FARRELL COURT - 6 (101-110)	Marblehead	12	National Grid	7452	7452	1452	98676	7353	0.99	Gas	Gas
99	Jan	7182	Powder House	POWDER HOUSE COURT - 1	Marblehead	6	National Grid	3175	3175	175	134314	4264	1.34	Gas	Gas
100	Jan	7183	Powder House	POWDER HOUSE COURT - 2	Marblehead	6	National Grid	3175	3175	175	134314	4264	1.34	Gas	Gas
101	Jan	7184	Powder House	POWDER HOUSE COURT - 3	Marblehead	4	National Grid	2225	2225	225	134314	2988	1.34	Gas	Gas
102	Jan	7185	Powder House	POWDER HOUSE COURT - 4	Marblehead	4	National Grid	2225	2225	225	134314	2988	1.34	Gas	Gas
103	Jan	7186	Powder House	POWDER HOUSE COURT - 5	Marblehead	4	National Grid	2225	2225	225	134314	2988	1.34	Gas	Gas
104	Jan	7187	Powder House	POWDER HOUSE COURT - 6	Marblehead	4	National Grid	2225	2225	225	134314	2988	1.34	Gas	Gas
105	Jan	7188	Powder House	POWDER HOUSE COURT - 7	Marblehead	4	National Grid	3175	3175	1175	134314	4264	1.34	Gas	Gas
106	Jan	7189	Powder House	POWDER HOUSE COURT - 8	Marblehead	6	National Grid	3175	3175	175	134314	4264	1.34	Gas	Gas
107	Jan	1637	Renwood-PWA	158 Walnut Ave	Boston	11	National Grid	9131	6719	2412	60760	5548	0.61	Gas	Gas
108	Jan	Federal	Roosevelt	Roosevelt 1	Lowell	6	National Grid	6750	6750	0	72517	4895	0.73	Gas	Gas
109	Jan	Federal	Roosevelt	Roosevelt 2	Lowell	4	National Grid	3500	3500	0	72517	2538	0.73	Gas	Gas
110	Jan	Federal	Temple St	Temple St 1	Lowell	9	National Grid	10400	10400	0	71887	7476	0.72	Gas	Gas
111	Jan	Federal	Temple St	Temple St 2	Lowell	16	National Grid	18000	18000	0	71887	12940	0.72	Gas	Gas
112	Jan	822	West Third	293-301 West Third St	South Boston	12	National Grid	8400	8400	1080	70785	5946	0.71	Gas	Gas
113	Jan	7452	Willowood	10 Adams St	Norwood	8	National Grid	7056	4703	3056	103170	4852	1.03	Gas	Gas
114	Jan	7453	Willowood	12 Adams St	Norwood	8	National Grid	7059	4706	3059	103148	4854	1.03	Gas	Gas
115	Jan	7458	Willowood	14 Adams St Office	Norwood	1	National Grid	2520	1260	2519	137531	1733	1.38	Gas	Gas
116	Jan	7454	Willowood	16 Adams St	Norwood	8	National Grid	7059	4706	3059	103148	4854	1.03	Gas	Gas
117	Jan	7455	Willowood	4 Adams St	Norwood	8	National Grid	7056	4703	3056	103170	4852	1.03	Gas	Gas
118	Jan	7456	Willowood	6 Adams St	Norwood	6	National Grid	7056	4703	4056	103170	4852	1.03	Gas	Gas
119	Feb	4735	20 Holmes Street	20 Holmes St.	Quincy	17	National Grid	5696	5696	1896	73619	4193	0.74	Gas	Gas
120	Feb	7040	202 North Village	20 Sheila Avenue	Chelmsford	48	National Grid	42515	42515	16335	48669	20692	0.49	Gas	Gas
121	Feb	7168	6 Fountain/66 Sycamore	6 Fountain Avenue	Somerville	2	National Grid	4460	3372	1571	107723	3632	1.08	Gas	Gas
122	Feb	4718	64 Winter Street	64 Winter St.	Quincy	2	National Grid	5402	4288	2258	71772	3078	0.72	Gas	Gas
123	Feb	4116	Chestnut Manor	54 Medford Street	Arlington	100	National Grid	61250	60350	60750	20224	12205	0.20	Electric	Gas
124	Feb	7039	CHOICE Center	19 Sheila Avenue	Chelmsford	37	National Grid	33013	33013	9830	42910	14166	0.43	Gas	Gas
125	Feb	7138	Corbett Apartments	125 JACQUES STREET/BLDG 2	Somerville	63	National Grid	71100	47400	39600	71825	34045	0.72	Gas	Gas
126	Feb	6220	Mason Place	80 Mason Street	Boston	127	National Grid	134915	120522	44179	49250	59357	0.49	Gas	Gas
127	Feb	7158	Mystic River	20 MEMORIAL ROAD	Somerville	24	National Grid	24252	18189	8792	148530	27016	1.49	Gas	Gas
128	Feb	7162	Mystic River	20 MEMORIAL ROAD/BUILDING 12 -Public Safety Office	Somerville	1	National Grid	960	480	959	222795	1069	2.23	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
129	Feb	3789	Paz Properties	359-363 Meridian St.	East Boston	6	National Grid	9622	9622	2168	92404	2137	0.22	Gas	Gas
130	Feb	7586	Peabody Courts	Community Bdg	North Reading	1	National Grid	1749	1749	1748	92404	1616	0.92	Gas	Gas
131	Feb	7578	Peabody Courts	PEABODY COURT - BLDG . 2	North Reading	4	National Grid	2187	2187	187	92404	2021	0.92	Gas	Gas
132	Feb	7576	Peabody Courts	PEABODY COURT - BLDG. 1	North Reading	4	National Grid	2183	2183	183	92404	2017	0.92	Gas	Gas
133	Feb	7577	Peabody Courts	PEABODY COURT - BLDG. 10	North Reading	4	National Grid	2187	2187	187	92404	2021	0.92	Gas	Gas
134	Feb	7579	Peabody Courts	PEABODY COURT - BLDG. 3	North Reading	4	National Grid	2187	2187	187	92404	2021	0.92	Gas	Gas
135	Feb	7580	Peabody Courts	PEABODY COURT - BLDG. 4	North Reading	4	National Grid	2187	2187	187	92404	2021	0.92	Gas	Gas
136	Feb	7581	Peabody Courts	PEABODY COURT - BLDG. 5	North Reading	4	National Grid	2187	2187	187	92404	2021	0.92	Gas	Gas
137	Feb	7582	Peabody Courts	PEABODY COURT - BLDG. 6	North Reading	4	National Grid	2187	2187	187	92404	2021	0.92	Gas	Gas
138	Feb	7583	Peabody Courts	PEABODY COURT - BLDG. 7	North Reading	4	National Grid	2187	2187	187	92404	2021	0.92	Gas	Gas
139	Feb	7584	Peabody Courts	PEABODY COURT - BLDG. 8	North Reading	4	National Grid	2187	2187	187	92404	2021	0.92	Gas	Gas
140	Feb	7585	Peabody Courts	PEABODY COURT - BLDG. 9	North Reading	4	National Grid	2187	2187	187	92404	2021	0.92	Gas	Gas
141	Feb	Federal	Scattered Site	10 Shaffer	Lowell	2	National Grid	3900	2600	1300	90500	2353	0.91	Gas	Gas
142	Feb	Federal	Scattered Site	1091 Gorham	Lowell	6	National Grid	6600	4400	2200	93773	4126	0.94	Gas	Gas
143	Feb	Federal	Scattered Site	128 Westford	Lowell	8	National Grid	15000	10000	5000	73060	7306	0.73	Gas	Gas
144	Feb	Federal	Scattered Site	133 Fletcher 1	Lowell	3	National Grid	4800	2560	2240	44883	1149	0.45	Gas	Gas
145	Feb	Federal	Scattered Site	133 Fletcher 2	Lowell	5	National Grid	7500	4000	3500	44925	1797	0.45	Gas	Gas
146	Feb	Federal	Scattered Site	133 Fletcher 3	Lowell	9	National Grid	15600	8320	7280	45048	3748	0.45	Gas	Gas
147	Feb	Federal	Scattered Site	162 Branch	Lowell	3	National Grid	7200	4800	2400	127250	6108	1.27	Gas	Gas
148	Feb	Federal	Scattered Site	17 Bassett	Lowell	4	National Grid	4500	3000	1500	92367	2771	0.92	Gas	Gas
149	Feb	Federal	Scattered Site	171 Chapel	Lowell	4	National Grid	8000	6000	2000	89183	5351	0.89	Gas	Gas
150	Feb	Federal	Scattered Site	173 Fletcher	Lowell	8	National Grid	9600	7200	2400	86625	6237	0.87	Gas	Gas
151	Feb	Federal	Scattered Site	30-32 Griffin	Lowell	2	National Grid	4200	2800	1400	83357	2334	0.83	Gas	Gas
152	Feb	Federal	Scattered Site	44 Lincoln	Lowell	4	National Grid	9300	6200	3100	90371	5603	0.90	Gas	Gas
153	Feb	Federal	Scattered Site	44-46 Franklin	Lowell	4	National Grid	6300	4200	2100	89524	3760	0.90	Gas	Gas
154	Feb	Federal	Scattered Site	49 Oak	Lowell	3	National Grid	4200	2800	1400	121250	3395	1.21	Gas	Gas
155	Feb	Federal	Scattered Site	50-52 Albion	Lowell	4	National Grid	4500	3000	1500	110167	3305	1.10	Gas	Gas
156	Feb	Federal	Scattered Site	591 Bridge	Lowell	3	National Grid	5400	3600	1800	105306	3791	1.05	Gas	Gas
157	Feb	Federal	Scattered Site	67 W. 4th	Lowell	2	National Grid	4800	3600	1200	37500	1350	0.38	Gas	Gas
158	Feb	Federal	Scattered Site	74-76 Andover	Lowell	4	National Grid	5400	3600	1800	123361	4441	1.23	Gas	Gas
159	Feb	Federal	Scattered Site	863 Bridge	Lowell	8	National Grid	11200	8400	2800	76810	6452	0.77	Gas	Gas
160	Feb	7170	St. Mary's Plaza	30 Pleasant Street	Lynn	99	National Grid	92791	92791	43291	42747	39666	0.43	Gas	Gas
161	Feb	6223	Symphony East	334 Massachusetts Ave	Boston	188	National Grid	154105	154105	45724	76421	117769	0.76	Gas	Gas
162	Feb	6225	Symphony West	333 Massachusetts Ave	Boston	216	National Grid	174779	174779	49306	44262	77360	0.44	Gas	Gas
163	Feb	7541	Triangle Rentals	186 Suffolk St	Lowell	10	National Grid	13000	13000	2600	78438	10197	0.78	Gas	Gas
164	Feb	7540	Triangle Rentals	199 Broadway St	Lowell	6	National Grid	8730	6000	2730	47790	4172	0.48	Gas	Gas
165	Feb	6533	Triangle Rentals	387 Market Street	Lowell	6	National Grid	10980	10980	2520	63482	6970	0.63	Gas	Gas
166	Feb	1795	Trinity Neghborhood House	406 Meridian St.	E. Boston	3	National Grid	6730	6730	2009	86012	5789	0.86	Gas	Gas
167	Mar	4719	17 Elm Street	17 Elm St.	Quincy	9	National Grid	6022	4560	1592	45223	2062	0.45	Gas	Gas
168	Mar	5636	Bent Park (Fed)	10 Bent Avenue	Wayland	14	National Grid	7680	7680	680	60839	5244	0.68	Gas	Gas
169	Mar	5637	Bent Park (Fed)	12 Bent Avenue	Wayland	14	National Grid	3492	1746	3492	60839	2385	0.68	Gas	Gas
170	Mar	5633	Bent Park (Fed)	4 Bent Avenue	Wayland	14	National Grid	7680	7680	680	60839	5244	0.68	Gas	Gas
171	Mar	5634	Bent Park (Fed)	6 Bent Avenue	Wayland	14	National Grid	7680	7680	680	60839	5244	0.68	Gas	Gas
172	Mar	5635	Bent Park (Fed)	8 Bent Avenue	Wayland	14	National Grid	7680	7680	680	60839	5244	0.68	Gas	Gas
173	Mar	Federal	Federal Family 14-1	905 Broadway - 1	Revere	4	National Grid	5175	3450	1725	73939	2551	0.74	Gas	Gas
174	Mar	Federal	Federal Family 14-1	905 Broadway - 10	Revere	4	National Grid	5175	3450	1725	73939	2551	0.74	Gas	Gas
175	Mar	Federal	Federal Family 14-1	905 Broadway - 11	Revere	3	National Grid	3450	2300	1150	73939	1701	0.74	Gas	Gas
176	Mar	Federal	Federal Family 14-1	905 Broadway - 12	Revere	4	National Grid	5320	3570	1750	73939	2640	0.74	Gas	Gas
177	Mar	Federal	Federal Family 14-1	905 Broadway - 13	Revere	3	National Grid	3450	2300	1150	73939	1701	0.74	Gas	Gas
178	Mar	Federal	Federal Family 14-1	905 Broadway - 14	Revere	4	National Grid	5175	3450	1725	73939	2551	0.74	Gas	Gas
179	Mar	Federal	Federal Family 14-1	905 Broadway - 15	Revere	4	National Grid	5320	3570	1750	73939	2640	0.74	Gas	Gas
180	Mar	Federal	Federal Family 14-1	905 Broadway - 16	Revere	4	National Grid	5320	3570	1750	73939	2640	0.74	Gas	Gas
181	Mar	Federal	Federal Family 14-1	905 Broadway - 17	Revere	4	National Grid	5175	3450	1725	73939	2551	0.74	Gas	Gas
182	Mar	Federal	Federal Family 14-1	905 Broadway - 18	Revere	3	National Grid	3450	2300	1150	73939	1701	0.74	Gas	Gas
183	Mar	Federal	Federal Family 14-1	905 Broadway - 19	Revere	3	National Grid	3450	2300	1150	73939	1701	0.74	Gas	Gas
184	Mar	Federal	Federal Family 14-1	905 Broadway - 2	Revere	2	National Grid	2682	1807	875	73939	1336	0.74	Gas	Gas
185	Mar	Federal	Federal Family 14-1	905 Broadway - 20	Revere	3	National Grid	3450	2300	1150	73939	1701	0.74	Gas	Gas
186	Mar	Federal	Federal Family 14-1	905 Broadway - 21	Revere	4	National Grid	5320	3570	1750	73939	2640	0.74	Gas	Gas
187	Mar	Federal	Federal Family 14-1	905 Broadway - 22	Revere	3	National Grid	3933	2622	1311	73939	1939	0.74	Gas	Gas
188	Mar	Federal	Federal Family 14-1	905 Broadway - 23	Revere	4	National Grid	5175	3450	1725	73939	2551	0.74	Gas	Gas
189	Mar	Federal	Federal Family 14-1	905 Broadway - 24	Revere	3	National Grid	3450	2300	1150	73939	1701	0.74	Gas	Gas
190	Mar	Federal	Federal Family 14-1	905 Broadway - 25	Revere	4	National Grid	5320	3570	1750	73939	2640	0.74	Gas	Gas
191	Mar	Federal	Federal Family 14-1	905 Broadway - 26	Revere	4	National Grid	5175	3450	1725	73939	2551	0.74	Gas	Gas
192	Mar	Federal	Federal Family 14-1	905 Broadway - 27	Revere	4	National Grid	5390	3640	1750	73939	2691	0.74	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual Therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
193	Mar	Federal	Federal Family 14-1	905 Broadway - 28	Revere	4	National Grid	5175	3450	1725	73939	2551	0.74	Gas	Gas
194	Mar	Federal	Federal Family 14-1	905 Broadway - 3	Revere	4	National Grid	5175	3450	1725	73939	2551	0.74	Gas	Gas
195	Mar	Federal	Federal Family 14-1	905 Broadway - 4	Revere	4	National Grid	5175	3450	1725	73939	2551	0.74	Gas	Gas
196	Mar	Federal	Federal Family 14-1	905 Broadway - 5	Revere	3	National Grid	3450	2300	1150	73939	1701	0.74	Gas	Gas
197	Mar	Federal	Federal Family 14-1	905 Broadway - 6	Revere	4	National Grid	5175	3450	1725	73939	2551	0.74	Gas	Gas
198	Mar	Federal	Federal Family 14-1	905 Broadway - 7	Revere	3	National Grid	3450	2300	1150	73939	1701	0.74	Gas	Gas
199	Mar	Federal	Federal Family 14-1	905 Broadway - 8	Revere	4	National Grid	5320	3570	1750	73939	2640	0.74	Gas	Gas
200	Mar	Federal	Federal Family 14-1	905 Broadway - 9	Revere	3	National Grid	3450	2300	1150	73939	1701	0.74	Gas	Gas
201	Mar	7802	Pine Tree Park	19 SHATTUCK ST - Apple	Littleton	8	National Grid	9504	6336	5504	56614	3587	0.57	Gas	Gas
202	Mar	7803	Pine Tree Park	19 Shattuck St - Birch	Littleton	4	National Grid	4992	3328	2992	38859	1293	0.39	Gas	Gas
203	Mar	7804	Pine Tree Park	19 SHATTUCK ST - Cherry	Littleton	4	National Grid	4992	3328	2992	38571	1284	0.39	Gas	Gas
204	Mar	7805	Pine Tree Park	19 SHATTUCK ST - Daisy	Littleton	4	National Grid	4992	3328	2992	46477	1547	0.46	Gas	Gas
205	Mar	7806	Pine Tree Park	19 SHATTUCK ST - Elm	Littleton	8	National Grid	9504	6336	5504	44903	2845	0.45	Gas	Gas
206	Mar	7807	Pine Tree Park	19 SHATTUCK ST - Fir	Littleton	8	National Grid	9504	6336	5504	34354	2177	0.34	Gas	Gas
207	Mar	7808	Pine Tree Park	19 SHATTUCK ST - Goldfinch	Littleton	4	National Grid	4992	3328	2992	39283	1307	0.39	Gas	Gas
208	Mar	7809	Pine Tree Park	19 SHATTUCK ST - Hawthorne	Littleton	8	National Grid	9504	6336	5504	39842	2524	0.40	Gas	Gas
209	Mar	7810	Pine Tree Park	COMMUNITY BLDG	Littleton	1	National Grid	4402	2201	4401	61651	1357	0.62	Gas	Gas
210	Mar	Federal	Presidential Gardens	1 Evergreen Dr	Haverhill	1	National Grid	994	994	0	78104	776	0.78	Gas	Gas
211	Mar	Federal	Presidential Gardens	10 Presidential Dr	Haverhill	1	National Grid	1106	1106	0	72728	804	0.73	Gas	Gas
212	Mar	Federal	Presidential Gardens	101 Evergreen Dr	Haverhill	1	National Grid	980	980	0	80036	784	0.80	Gas	Gas
213	Mar	Federal	Presidential Gardens	103 Evergreen Dr	Haverhill	1	National Grid	980	980	0	80036	784	0.80	Gas	Gas
214	Mar	Federal	Presidential Gardens	105 Evergreen Dr	Haverhill	1	National Grid	980	980	0	80036	784	0.80	Gas	Gas
215	Mar	Federal	Presidential Gardens	107 Evergreen Dr	Haverhill	1	National Grid	980	980	0	80036	784	0.80	Gas	Gas
216	Mar	Federal	Presidential Gardens	11 Evergreen Dr	Haverhill	1	National Grid	966	966	0	78104	754	0.78	Gas	Gas
217	Mar	Federal	Presidential Gardens	12 Presidential Dr	Haverhill	1	National Grid	1106	1106	0	72728	804	0.73	Gas	Gas
218	Mar	Federal	Presidential Gardens	121 Evergreen Dr	Haverhill	1	National Grid	812	812	0	80036	650	0.80	Gas	Gas
219	Mar	Federal	Presidential Gardens	122 Presidential Dr	Haverhill	1	National Grid	994	994	0	62169	618	0.62	Gas	Gas
220	Mar	Federal	Presidential Gardens	123 Evergreen Dr	Haverhill	1	National Grid	812	812	0	80036	650	0.80	Gas	Gas
221	Mar	Federal	Presidential Gardens	124 Presidential Dr	Haverhill	1	National Grid	994	994	0	62169	618	0.62	Gas	Gas
222	Mar	Federal	Presidential Gardens	125 Evergreen Dr	Haverhill	1	National Grid	812	812	0	80036	650	0.80	Gas	Gas
223	Mar	Federal	Presidential Gardens	126 Presidential Dr	Haverhill	1	National Grid	994	994	0	62169	618	0.62	Gas	Gas
224	Mar	Federal	Presidential Gardens	127 Evergreen Dr	Haverhill	1	National Grid	812	812	0	80036	650	0.80	Gas	Gas
225	Mar	Federal	Presidential Gardens	128 Presidential Dr	Haverhill	1	National Grid	994	994	0	62169	618	0.62	Gas	Gas
226	Mar	Federal	Presidential Gardens	129 Evergreen Dr	Haverhill	1	National Grid	952	952	0	80036	762	0.80	Gas	Gas
227	Mar	Federal	Presidential Gardens	13 Evergreen Dr	Haverhill	1	National Grid	966	966	0	78104	754	0.78	Gas	Gas
228	Mar	Federal	Presidential Gardens	130 Presidential Dr	Haverhill	1	National Grid	980	980	0	62169	609	0.62	Gas	Gas
229	Mar	Federal	Presidential Gardens	131 Evergreen Dr	Haverhill	1	National Grid	952	952	0	80036	762	0.80	Gas	Gas
230	Mar	Federal	Presidential Gardens	132 Presidential Dr	Haverhill	1	National Grid	980	980	0	62169	609	0.62	Gas	Gas
231	Mar	Federal	Presidential Gardens	133 Evergreen Dr	Haverhill	1	National Grid	994	994	0	80036	796	0.80	Gas	Gas
232	Mar	Federal	Presidential Gardens	134 Presidential Dr	Haverhill	1	National Grid	980	980	0	62169	609	0.62	Gas	Gas
233	Mar	Federal	Presidential Gardens	135 Evergreen Dr	Haverhill	1	National Grid	994	994	0	80036	796	0.80	Gas	Gas
234	Mar	Federal	Presidential Gardens	136 Presidential Dr	Haverhill	1	National Grid	980	980	0	62169	609	0.62	Gas	Gas
235	Mar	Federal	Presidential Gardens	137 Evergreen Dr	Haverhill	1	National Grid	994	994	0	80036	796	0.80	Gas	Gas
236	Mar	Federal	Presidential Gardens	138 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	62169	702	0.62	Gas	Gas
237	Mar	Federal	Presidential Gardens	139 Evergreen Dr	Haverhill	1	National Grid	994	994	0	80036	796	0.80	Gas	Gas
238	Mar	Federal	Presidential Gardens	14 Presidential Dr	Haverhill	1	National Grid	1106	1106	0	72728	804	0.73	Gas	Gas
239	Mar	Federal	Presidential Gardens	140 Evergreen Dr (Comm Bldg)	Haverhill	1	National Grid	3362	2605	0	63916	1665	0.64	Gas	Gas
240	Mar	Federal	Presidential Gardens	140 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	62169	702	0.62	Gas	Gas
241	Mar	Federal	Presidential Gardens	142 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	62169	702	0.62	Gas	Gas
242	Mar	Federal	Presidential Gardens	144 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	62169	702	0.62	Gas	Gas
243	Mar	Federal	Presidential Gardens	146 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	62169	702	0.62	Gas	Gas
244	Mar	Federal	Presidential Gardens	148 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	62169	702	0.62	Gas	Gas
245	Mar	Federal	Presidential Gardens	15 Evergreen Dr	Haverhill	1	National Grid	966	966	0	78104	754	0.78	Gas	Gas
246	Mar	Federal	Presidential Gardens	150 Presidential Dr	Haverhill	1	National Grid	812	812	0	62169	505	0.62	Gas	Gas
247	Mar	Federal	Presidential Gardens	152 Presidential Dr	Haverhill	1	National Grid	812	812	0	62169	505	0.62	Gas	Gas
248	Mar	Federal	Presidential Gardens	154 Presidential Dr	Haverhill	1	National Grid	812	812	0	62169	505	0.62	Gas	Gas
249	Mar	Federal	Presidential Gardens	156 Presidential Dr	Haverhill	1	National Grid	812	812	0	62169	505	0.62	Gas	Gas
250	Mar	Federal	Presidential Gardens	158 Presidential Dr	Haverhill	1	National Grid	952	952	0	62169	592	0.62	Gas	Gas
251	Mar	Federal	Presidential Gardens	16 Presidential Dr	Haverhill	1	National Grid	1106	1106	0	72728	804	0.73	Gas	Gas
252	Mar	Federal	Presidential Gardens	160 Presidential Dr	Haverhill	1	National Grid	952	952	0	62169	592	0.62	Gas	Gas
253	Mar	Federal	Presidential Gardens	162 Presidential Dr	Haverhill	1	National Grid	994	994	0	62169	618	0.62	Gas	Gas
254	Mar	Federal	Presidential Gardens	164 Presidential Dr	Haverhill	1	National Grid	994	994	0	62169	618	0.62	Gas	Gas
255	Mar	Federal	Presidential Gardens	166 Presidential Dr	Haverhill	1	National Grid	994	994	0	62169	618	0.62	Gas	Gas
256	Mar	Federal	Presidential Gardens	168 Presidential Dr	Haverhill	1	National Grid	994	994	0	62169	618	0.62	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/Conditioned ft2	Annual Therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
257	Mar	Federal	Presidential Gardens	17 Evergreen Dr	Haverhill	1	National Grid	966	966	0	78104	754	0.78	Gas	Gas
258	Mar	Federal	Presidential Gardens	170 Presidential Dr	Haverhill	1	National Grid	994	994	0	74800	744	0.75	Gas	Gas
259	Mar	Federal	Presidential Gardens	172 Presidential Dr	Haverhill	1	National Grid	994	994	0	74800	744	0.75	Gas	Gas
260	Mar	Federal	Presidential Gardens	174 Presidential Dr	Haverhill	1	National Grid	994	994	0	74800	744	0.75	Gas	Gas
261	Mar	Federal	Presidential Gardens	176 Presidential Dr	Haverhill	1	National Grid	994	994	0	74800	744	0.75	Gas	Gas
262	Mar	Federal	Presidential Gardens	178 Presidential Dr	Haverhill	1	National Grid	980	980	0	74800	733	0.75	Gas	Gas
263	Mar	Federal	Presidential Gardens	18 Presidential Dr	Haverhill	1	National Grid	812	812	0	72728	591	0.73	Gas	Gas
264	Mar	Federal	Presidential Gardens	180 Presidential Dr	Haverhill	1	National Grid	980	980	0	74800	733	0.75	Gas	Gas
265	Mar	Federal	Presidential Gardens	182 Presidential Dr	Haverhill	1	National Grid	980	980	0	74800	733	0.75	Gas	Gas
266	Mar	Federal	Presidential Gardens	184 Presidential Dr	Haverhill	1	National Grid	980	980	0	74800	733	0.75	Gas	Gas
267	Mar	Federal	Presidential Gardens	186 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	74800	844	0.75	Gas	Gas
268	Mar	Federal	Presidential Gardens	188 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	74800	844	0.75	Gas	Gas
269	Mar	Federal	Presidential Gardens	19 Evergreen Dr	Haverhill	1	National Grid	966	966	0	78104	754	0.78	Gas	Gas
270	Mar	Federal	Presidential Gardens	190 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	74800	844	0.75	Gas	Gas
271	Mar	Federal	Presidential Gardens	192 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	74800	844	0.75	Gas	Gas
272	Mar	Federal	Presidential Gardens	194 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	74800	844	0.75	Gas	Gas
273	Mar	Federal	Presidential Gardens	196 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	74800	844	0.75	Gas	Gas
274	Mar	Federal	Presidential Gardens	198 Presidential Dr	Haverhill	1	National Grid	812	812	0	74800	607	0.75	Gas	Gas
275	Mar	Federal	Presidential Gardens	2 Presidential Dr	Haverhill	1	National Grid	1470	980	0	72728	713	0.73	Gas	Gas
276	Mar	Federal	Presidential Gardens	20 Presidential Dr	Haverhill	1	National Grid	812	812	0	72728	591	0.73	Gas	Gas
277	Mar	Federal	Presidential Gardens	200 Presidential Dr	Haverhill	1	National Grid	812	812	0	74800	607	0.75	Gas	Gas
278	Mar	Federal	Presidential Gardens	202 Presidential Dr	Haverhill	1	National Grid	812	812	0	74800	607	0.75	Gas	Gas
279	Mar	Federal	Presidential Gardens	204 Presidential Dr	Haverhill	1	National Grid	812	812	0	74800	607	0.75	Gas	Gas
280	Mar	Federal	Presidential Gardens	206 Presidential Dr	Haverhill	1	National Grid	952	952	0	74800	712	0.75	Gas	Gas
281	Mar	Federal	Presidential Gardens	208 Presidential Dr	Haverhill	1	National Grid	952	952	0	74800	712	0.75	Gas	Gas
282	Mar	Federal	Presidential Gardens	21 Evergreen Dr	Haverhill	1	National Grid	966	966	0	78104	754	0.78	Gas	Gas
283	Mar	Federal	Presidential Gardens	210 Presidential Dr	Haverhill	1	National Grid	994	994	0	74800	744	0.75	Gas	Gas
284	Mar	Federal	Presidential Gardens	212 Presidential Dr	Haverhill	1	National Grid	994	994	0	74800	744	0.75	Gas	Gas
285	Mar	Federal	Presidential Gardens	214 Presidential Dr	Haverhill	1	National Grid	994	994	0	74800	744	0.75	Gas	Gas
286	Mar	Federal	Presidential Gardens	216 Presidential Dr	Haverhill	1	National Grid	994	994	0	74800	744	0.75	Gas	Gas
287	Mar	Federal	Presidential Gardens	218 Presidential Dr	Haverhill	1	National Grid	994	994	0	67079	667	0.67	Gas	Gas
288	Mar	Federal	Presidential Gardens	22 Presidential Dr	Haverhill	1	National Grid	812	812	0	72728	591	0.73	Gas	Gas
289	Mar	Federal	Presidential Gardens	220 Presidential Dr	Haverhill	1	National Grid	994	994	0	67079	667	0.67	Gas	Gas
290	Mar	Federal	Presidential Gardens	222 Presidential Dr	Haverhill	1	National Grid	994	994	0	67079	667	0.67	Gas	Gas
291	Mar	Federal	Presidential Gardens	224 Presidential Dr	Haverhill	1	National Grid	994	994	0	67079	667	0.67	Gas	Gas
292	Mar	Federal	Presidential Gardens	226 Presidential Dr	Haverhill	1	National Grid	966	966	0	67079	648	0.67	Gas	Gas
293	Mar	Federal	Presidential Gardens	228 Presidential Dr	Haverhill	1	National Grid	966	966	0	67079	648	0.67	Gas	Gas
294	Mar	Federal	Presidential Gardens	23 Evergreen Dr	Haverhill	1	National Grid	966	966	0	78104	754	0.78	Gas	Gas
295	Mar	Federal	Presidential Gardens	230 Presidential Dr	Haverhill	1	National Grid	966	966	0	67079	648	0.67	Gas	Gas
296	Mar	Federal	Presidential Gardens	232 Presidential Dr	Haverhill	1	National Grid	966	966	0	67079	648	0.67	Gas	Gas
297	Mar	Federal	Presidential Gardens	234 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	67079	757	0.67	Gas	Gas
298	Mar	Federal	Presidential Gardens	236 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	67079	757	0.67	Gas	Gas
299	Mar	Federal	Presidential Gardens	238 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	67079	757	0.67	Gas	Gas
300	Mar	Federal	Presidential Gardens	24 Presidential Dr	Haverhill	1	National Grid	812	812	0	72728	591	0.73	Gas	Gas
301	Mar	Federal	Presidential Gardens	240 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	67079	757	0.67	Gas	Gas
302	Mar	Federal	Presidential Gardens	242 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	67079	757	0.67	Gas	Gas
303	Mar	Federal	Presidential Gardens	244 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	67079	757	0.67	Gas	Gas
304	Mar	Federal	Presidential Gardens	246 Presidential Dr	Haverhill	1	National Grid	966	966	0	67079	648	0.67	Gas	Gas
305	Mar	Federal	Presidential Gardens	248 Presidential Dr	Haverhill	1	National Grid	966	966	0	67079	648	0.67	Gas	Gas
306	Mar	Federal	Presidential Gardens	25 Evergreen Dr	Haverhill	1	National Grid	966	966	0	78104	754	0.78	Gas	Gas
307	Mar	Federal	Presidential Gardens	250 Presidential Dr	Haverhill	1	National Grid	966	966	0	67079	648	0.67	Gas	Gas
308	Mar	Federal	Presidential Gardens	252 Presidential Dr	Haverhill	1	National Grid	966	966	0	67079	648	0.67	Gas	Gas
309	Mar	Federal	Presidential Gardens	254 Presidential Dr	Haverhill	1	National Grid	994	994	0	67079	667	0.67	Gas	Gas
310	Mar	Federal	Presidential Gardens	256 Presidential Dr	Haverhill	1	National Grid	994	994	0	67079	667	0.67	Gas	Gas
311	Mar	Federal	Presidential Gardens	258 Presidential Dr	Haverhill	1	National Grid	994	994	0	67079	667	0.67	Gas	Gas
312	Mar	Federal	Presidential Gardens	26 Presidential Dr	Haverhill	1	National Grid	966	966	0	72728	703	0.73	Gas	Gas
313	Mar	Federal	Presidential Gardens	260 Presidential Dr	Haverhill	1	National Grid	994	994	0	67079	667	0.67	Gas	Gas
314	Mar	Federal	Presidential Gardens	27 Evergreen Dr	Haverhill	1	National Grid	966	966	0	78104	754	0.78	Gas	Gas
315	Mar	Federal	Presidential Gardens	28 Presidential Dr	Haverhill	1	National Grid	966	966	0	72728	703	0.73	Gas	Gas
316	Mar	Federal	Presidential Gardens	29 Evergreen Dr	Haverhill	1	National Grid	966	966	0	78104	754	0.78	Gas	Gas
317	Mar	Federal	Presidential Gardens	3 Evergreen Dr	Haverhill	1	National Grid	994	994	0	78104	776	0.78	Gas	Gas
318	Mar	Federal	Presidential Gardens	30 Presidential Dr	Haverhill	1	National Grid	966	966	0	72728	703	0.73	Gas	Gas
319	Mar	Federal	Presidential Gardens	31 Evergreen Dr	Haverhill	1	National Grid	966	966	0	78104	754	0.78	Gas	Gas
320	Mar	Federal	Presidential Gardens	32 Presidential Dr	Haverhill	1	National Grid	966	966	0	72728	703	0.73	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual Therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
321	Mar	Federal	Presidential Gardens	33 Evergreen Dr	Haverhill	1	National Grid	952	952	0	78104	744	0.78	Gas	Gas
322	Mar	Federal	Presidential Gardens	34 Presidential Dr	Haverhill	1	National Grid	1008	1008	0	72728	733	0.73	Gas	Gas
323	Mar	Federal	Presidential Gardens	35 Evergreen Dr	Haverhill	1	National Grid	952	952	0	78104	744	0.78	Gas	Gas
324	Mar	Federal	Presidential Gardens	36 Presidential Dr	Haverhill	1	National Grid	1008	1008	0	72728	733	0.73	Gas	Gas
325	Mar	Federal	Presidential Gardens	37 Evergreen Dr	Haverhill	1	National Grid	980	980	0	78104	765	0.78	Gas	Gas
326	Mar	Federal	Presidential Gardens	38 Presidential Dr	Haverhill	1	National Grid	994	994	0	75433	750	0.75	Gas	Gas
327	Mar	Federal	Presidential Gardens	39 Evergreen Dr	Haverhill	1	National Grid	980	980	0	78104	765	0.78	Gas	Gas
328	Mar	Federal	Presidential Gardens	4 Presidential Dr	Haverhill	1	National Grid	1470	980	0	72728	713	0.73	Gas	Gas
329	Mar	Federal	Presidential Gardens	40 Presidential Dr	Haverhill	1	National Grid	994	994	0	75433	750	0.75	Gas	Gas
330	Mar	Federal	Presidential Gardens	41 Evergreen Dr	Haverhill	1	National Grid	980	980	0	78104	765	0.78	Gas	Gas
331	Mar	Federal	Presidential Gardens	42 Presidential Dr	Haverhill	1	National Grid	994	994	0	75433	750	0.75	Gas	Gas
332	Mar	Federal	Presidential Gardens	43 Evergreen Dr	Haverhill	1	National Grid	980	980	0	78104	765	0.78	Gas	Gas
333	Mar	Federal	Presidential Gardens	44 Presidential Dr	Haverhill	1	National Grid	994	994	0	75433	750	0.75	Gas	Gas
334	Mar	Federal	Presidential Gardens	46 Presidential Dr	Haverhill	1	National Grid	966	966	0	75433	729	0.75	Gas	Gas
335	Mar	Federal	Presidential Gardens	48 Presidential Dr	Haverhill	1	National Grid	966	966	0	75433	729	0.75	Gas	Gas
336	Mar	Federal	Presidential Gardens	5 Evergreen Dr	Haverhill	1	National Grid	994	994	0	78104	776	0.78	Gas	Gas
337	Mar	Federal	Presidential Gardens	50 Presidential Dr	Haverhill	1	National Grid	966	966	0	75433	729	0.75	Gas	Gas
338	Mar	Federal	Presidential Gardens	52 Presidential Dr	Haverhill	1	National Grid	966	966	0	75433	729	0.75	Gas	Gas
339	Mar	Federal	Presidential Gardens	54 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	75433	852	0.75	Gas	Gas
340	Mar	Federal	Presidential Gardens	56 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	75433	852	0.75	Gas	Gas
341	Mar	Federal	Presidential Gardens	58 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	75433	852	0.75	Gas	Gas
342	Mar	Federal	Presidential Gardens	6 Presidential Dr	Haverhill	1	National Grid	1470	980	0	72728	713	0.73	Gas	Gas
343	Mar	Federal	Presidential Gardens	60 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	75433	852	0.75	Gas	Gas
344	Mar	Federal	Presidential Gardens	62 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	75433	852	0.75	Gas	Gas
345	Mar	Federal	Presidential Gardens	64 Presidential Dr	Haverhill	1	National Grid	1129	1129	0	75433	852	0.75	Gas	Gas
346	Mar	Federal	Presidential Gardens	66 Presidential Dr	Haverhill	1	National Grid	994	994	0	75433	750	0.75	Gas	Gas
347	Mar	Federal	Presidential Gardens	68 Presidential Dr	Haverhill	1	National Grid	994	994	0	75433	750	0.75	Gas	Gas
348	Mar	Federal	Presidential Gardens	7 Evergreen Dr	Haverhill	1	National Grid	994	994	0	78104	776	0.78	Gas	Gas
349	Mar	Federal	Presidential Gardens	70 Presidential Dr	Haverhill	1	National Grid	994	994	0	75433	750	0.75	Gas	Gas
350	Mar	Federal	Presidential Gardens	72 Presidential Dr	Haverhill	1	National Grid	994	994	0	75433	750	0.75	Gas	Gas
351	Mar	Federal	Presidential Gardens	8 Presidential Dr	Haverhill	1	National Grid	1470	980	0	72728	713	0.73	Gas	Gas
352	Mar	Federal	Presidential Gardens	9 Evergreen Dr	Haverhill	1	National Grid	966	966	0	78104	754	0.78	Gas	Gas
353	Mar	Federal	Presidential Gardens	93 Evergreen Dr	Haverhill	1	National Grid	994	994	0	80036	796	0.80	Gas	Gas
354	Mar	Federal	Presidential Gardens	95 Evergreen Dr	Haverhill	1	National Grid	994	994	0	80036	796	0.80	Gas	Gas
355	Apr	5901	Agawam Village	1 Sandwich Road	Wareham	8	National Grid	3576	3576	0	95470	3414	0.95	Gas	Gas
356	Apr	5902	Agawam Village	2 Sandwich Road	Wareham	8	National Grid	3576	3576	0	95470	3414	0.95	Gas	Gas
357	Apr	5903	Agawam Village	3 Sandwich Road	Wareham	8	National Grid	3576	3576	0	95470	3414	0.95	Gas	Gas
358	Apr	5904	Agawam Village	4 Sandwich Road	Wareham	8	National Grid	3576	3576	0	95470	3414	0.95	Gas	Gas
359	Apr	5905	Agawam Village	5 Sandwich Road	Wareham	8	National Grid	3576	3576	0	95470	3414	0.95	Gas	Gas
360	Apr	8759	Brinley Terrace	Building A	Tyngsborough	12	National Grid	11620	11620	5620	32824	3814	0.33	Gas	Gas
361	Apr	8798	Brinley Terrace	Building B	Tyngsborough	12	National Grid	11620	11620	5620	35565	4133	0.36	Gas	Gas
362	Apr	8800	Brinley Terrace	Building C	Tyngsborough	8	National Grid	7352	7352	3352	41629	3061	0.42	Gas	Gas
363	Apr	8802	Brinley Terrace	Building D	Tyngsborough	11	National Grid	7620	7620	620	66724	5084	0.67	Gas	Gas
364	Apr	8803	Brinley Terrace	Building E	Tyngsborough	12	National Grid	11620	11620	5620	35005	4068	0.35	Gas	Gas
365	Apr	8805	Brinley Terrace	Community Building	Tyngsborough	1	National Grid	5600	2800	5599	98892	2769	0.99	Gas	Gas
366	Apr	8556	Cochituate Village	106 Main Street	Wayland	55	National Grid	49449	49449	15074	50912	25176	0.51	Gas	Gas
367	Apr	Federal	Federal Family 14-2	Cooledge St/Cushman Ave - 1	Revere	4	National Grid	3492	3492	0	119379	4169	1.19	Gas	Gas
368	Apr	Federal	Federal Family 14-2	Cooledge St/Cushman Ave - 10	Revere	6	National Grid	1708	1708	0	119379	2039	1.19	Gas	Gas
369	Apr	Federal	Federal Family 14-2	Cooledge St/Cushman Ave - 11	Revere	6	National Grid	1708	1708	0	119379	2039	1.19	Gas	Gas
370	Apr	Federal	Federal Family 14-2	Cooledge St/Cushman Ave - 2	Revere	4	National Grid	3353	3353	0	119379	4003	1.19	Gas	Gas
371	Apr	Federal	Federal Family 14-2	Cooledge St/Cushman Ave - 3	Revere	6	National Grid	3568	3568	0	119379	4259	1.19	Gas	Gas
372	Apr	Federal	Federal Family 14-2	Cooledge St/Cushman Ave - 4	Revere	6	National Grid	3568	3568	0	119379	4259	1.19	Gas	Gas
373	Apr	Federal	Federal Family 14-2	Cooledge St/Cushman Ave - 5	Revere	6	National Grid	3568	3568	0	119379	4259	1.19	Gas	Gas
374	Apr	Federal	Federal Family 14-2	Cooledge St/Cushman Ave - 6	Revere	4	National Grid	2712	2712	0	119379	3238	1.19	Gas	Gas
375	Apr	Federal	Federal Family 14-2	Cooledge St/Cushman Ave - 7	Revere	4	National Grid	3000	3000	0	119379	3581	1.19	Gas	Gas
376	Apr	Federal	Federal Family 14-2	Cooledge St/Cushman Ave - 8	Revere	4	National Grid	3361	3361	0	119379	4012	1.19	Gas	Gas
377	Apr	Federal	Federal Family 14-2	Cooledge St/Cushman Ave - 9	Revere	6	National Grid	1708	1708	0	119379	2039	1.19	Gas	Gas
378	Apr	7780	Long Pond Plaza	A-1 (GRAY GULL)	Yarmouth	10	National Grid	6684	5392	1364	96930	5226	0.97	Gas	Gas
379	Apr	7782	Long Pond Plaza	A-3 (PINE OAKS)	Yarmouth	10	National Grid	6684	5392	1364	96930	5226	0.97	Gas	Gas
380	Apr	7783	Long Pond Plaza	A-4 (BROOKSIDE)	Yarmouth	10	National Grid	6684	5392	1364	96930	5226	0.97	Gas	Gas
381	Apr	7784	Long Pond Plaza	Community Building/Office	Yarmouth	1	National Grid	2722	1361	2721	156387	2128	1.56	Gas	Gas
382	Apr	7781	Long Pond Plaza	Long Pond Plaza A-2	Yarmouth	10	National Grid	6684	5392	1364	96930	5226	0.97	Gas	Gas
383	Apr	8638	Pond Street	18 Pond Street - A	Ayer	34	National Grid	19470	19470	5870	51632	10053	0.52	Gas	Gas
384	Apr	8639	Pond Street	18 Pond Street - B	Ayer	20	National Grid	11446	11446	3446	53883	6167	0.54	Gas	Gas

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385	Apr	Federal	Presidential Gardens	100 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	107000	1232	1.07	Gas	Gas
386	Apr	Federal	Presidential Gardens	102 Presidential Dr	Haverhill	1	National Grid	812	812	0	107000	886	1.07	Gas	Gas
387	Apr	Federal	Presidential Gardens	104 Presidential Dr	Haverhill	1	National Grid	812	812	0	107000	886	1.07	Gas	Gas
388	Apr	Federal	Presidential Gardens	106 Presidential Dr	Haverhill	1	National Grid	812	812	0	107000	886	1.07	Gas	Gas
389	Apr	Federal	Presidential Gardens	108 Presidential Dr	Haverhill	1	National Grid	812	812	0	107000	886	1.07	Gas	Gas
390	Apr	Federal	Presidential Gardens	109 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	80036	904	0.80	Gas	Gas
391	Apr	Federal	Presidential Gardens	110 Presidential Dr	Haverhill	1	National Grid	952	952	0	107000	1038	1.07	Gas	Gas
392	Apr	Federal	Presidential Gardens	111 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	80036	904	0.80	Gas	Gas
393	Apr	Federal	Presidential Gardens	112 Presidential Dr	Haverhill	1	National Grid	952	952	0	107000	1038	1.07	Gas	Gas
394	Apr	Federal	Presidential Gardens	113 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	80036	904	0.80	Gas	Gas
395	Apr	Federal	Presidential Gardens	114 Presidential Dr	Haverhill	1	National Grid	994	994	0	107000	1084	1.07	Gas	Gas
396	Apr	Federal	Presidential Gardens	115 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	80036	904	0.80	Gas	Gas
397	Apr	Federal	Presidential Gardens	116 Presidential Dr	Haverhill	1	National Grid	994	994	0	107000	1084	1.07	Gas	Gas
398	Apr	Federal	Presidential Gardens	117 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	80036	904	0.80	Gas	Gas
399	Apr	Federal	Presidential Gardens	118 Presidential Dr	Haverhill	1	National Grid	994	994	0	107000	1084	1.07	Gas	Gas
400	Apr	Federal	Presidential Gardens	119 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	80036	904	0.80	Gas	Gas
401	Apr	Federal	Presidential Gardens	120 Presidential Dr	Haverhill	1	National Grid	994	994	0	107000	1084	1.07	Gas	Gas
402	Apr	Federal	Presidential Gardens	45 Evergreen Dr	Haverhill	1	National Grid	1491	994	0	88747	882	0.89	Gas	Gas
403	Apr	Federal	Presidential Gardens	47 Evergreen Dr	Haverhill	1	National Grid	1491	994	0	88747	882	0.89	Gas	Gas
404	Apr	Federal	Presidential Gardens	49 Evergreen Dr	Haverhill	1	National Grid	1491	994	0	88747	882	0.89	Gas	Gas
405	Apr	Federal	Presidential Gardens	51 Evergreen Dr	Haverhill	1	National Grid	1491	994	0	88747	882	0.89	Gas	Gas
406	Apr	Federal	Presidential Gardens	53 Evergreen Dr	Haverhill	1	National Grid	980	980	0	88747	870	0.89	Gas	Gas
407	Apr	Federal	Presidential Gardens	55 Evergreen Dr	Haverhill	1	National Grid	980	980	0	88747	870	0.89	Gas	Gas
408	Apr	Federal	Presidential Gardens	57 Evergreen Dr	Haverhill	1	National Grid	980	980	0	88747	870	0.89	Gas	Gas
409	Apr	Federal	Presidential Gardens	59 Evergreen Dr	Haverhill	1	National Grid	980	980	0	88747	870	0.89	Gas	Gas
410	Apr	Federal	Presidential Gardens	61 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	88747	1002	0.89	Gas	Gas
411	Apr	Federal	Presidential Gardens	63 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	88747	1002	0.89	Gas	Gas
412	Apr	Federal	Presidential Gardens	65 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	88747	1002	0.89	Gas	Gas
413	Apr	Federal	Presidential Gardens	67 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	88747	1002	0.89	Gas	Gas
414	Apr	Federal	Presidential Gardens	69 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	88747	1002	0.89	Gas	Gas
415	Apr	Federal	Presidential Gardens	71 Evergreen Dr	Haverhill	1	National Grid	1129	1129	0	88747	1002	0.89	Gas	Gas
416	Apr	Federal	Presidential Gardens	73 Evergreen Dr	Haverhill	1	National Grid	812	812	0	88747	721	0.89	Gas	Gas
417	Apr	Federal	Presidential Gardens	74 Presidential Dr	Haverhill	1	National Grid	994	994	0	107000	1084	1.07	Gas	Gas
418	Apr	Federal	Presidential Gardens	75 Evergreen Dr	Haverhill	1	National Grid	812	812	0	88747	721	0.89	Gas	Gas
419	Apr	Federal	Presidential Gardens	76 Presidential Dr	Haverhill	1	National Grid	994	994	0	107000	1084	1.07	Gas	Gas
420	Apr	Federal	Presidential Gardens	77 Evergreen Dr	Haverhill	1	National Grid	812	812	0	88747	721	0.89	Gas	Gas
421	Apr	Federal	Presidential Gardens	78 Presidential Dr	Haverhill	1	National Grid	994	994	0	107000	1084	1.07	Gas	Gas
422	Apr	Federal	Presidential Gardens	79 Evergreen Dr	Haverhill	1	National Grid	812	812	0	88747	721	0.89	Gas	Gas
423	Apr	Federal	Presidential Gardens	80 Presidential Dr	Haverhill	1	National Grid	994	994	0	107000	1084	1.07	Gas	Gas
424	Apr	Federal	Presidential Gardens	81 Evergreen Dr	Haverhill	1	National Grid	952	952	0	88747	845	0.89	Gas	Gas
425	Apr	Federal	Presidential Gardens	82 Presidential Dr	Haverhill	1	National Grid	980	980	0	107000	1069	1.07	Gas	Gas
426	Apr	Federal	Presidential Gardens	83 Evergreen Dr	Haverhill	1	National Grid	952	952	0	88747	845	0.89	Gas	Gas
427	Apr	Federal	Presidential Gardens	84 Presidential Dr	Haverhill	1	National Grid	980	980	0	107000	1069	1.07	Gas	Gas
428	Apr	Federal	Presidential Gardens	85 Evergreen Dr	Haverhill	1	National Grid	994	994	0	88747	882	0.89	Gas	Gas
429	Apr	Federal	Presidential Gardens	86 Presidential Dr	Haverhill	1	National Grid	980	980	0	107000	1069	1.07	Gas	Gas
430	Apr	Federal	Presidential Gardens	87 Evergreen Dr	Haverhill	1	National Grid	994	994	0	88747	882	0.89	Gas	Gas
431	Apr	Federal	Presidential Gardens	88 Presidential Dr	Haverhill	1	National Grid	980	980	0	107000	1069	1.07	Gas	Gas
432	Apr	Federal	Presidential Gardens	89 Evergreen Dr	Haverhill	1	National Grid	994	994	0	88747	882	0.89	Gas	Gas
433	Apr	Federal	Presidential Gardens	90 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	107000	1232	1.07	Gas	Gas
434	Apr	Federal	Presidential Gardens	91 Evergreen Dr	Haverhill	1	National Grid	994	994	0	88747	882	0.89	Gas	Gas
435	Apr	Federal	Presidential Gardens	92 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	107000	1232	1.07	Gas	Gas
436	Apr	Federal	Presidential Gardens	94 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	107000	1232	1.07	Gas	Gas
437	Apr	Federal	Presidential Gardens	96 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	107000	1232	1.07	Gas	Gas
438	Apr	Federal	Presidential Gardens	97 Evergreen Dr	Haverhill	1	National Grid	994	994	0	80036	796	0.80	Gas	Gas
439	Apr	Federal	Presidential Gardens	98 Presidential Dr	Haverhill	1	National Grid	1694	1129	0	107000	1232	1.07	Gas	Gas
440	Apr	Federal	Presidential Gardens	99 Evergreen Dr	Haverhill	1	National Grid	994	994	0	80036	796	0.80	Gas	Gas
441	Apr	4521	Prospect Terrace	10 Dermody Road - 12	Waltham	8	National Grid	7592	7592	0	122785	9322	1.23	Gas	Gas
442	Apr	4524	Prospect Terrace	100 Prospect Hill Lane	Waltham	10	National Grid	9204	9204	0	122786	11301	1.23	Gas	Gas
443	Apr	4522	Prospect Terrace	104 Prospect Hill Lane - 13	Waltham	4	National Grid	3684	3684	0	122786	4523	1.23	Gas	Gas
444	Apr	4525	Prospect Terrace	108 Prospect Hill Road - 16	Waltham	7	National Grid	9546	9546	0	122786	11721	1.23	Gas	Gas
445	Apr	4534	Prospect Terrace	15 Dermody Road - 4	Waltham	4	National Grid	3684	3684	0	122786	4523	1.23	Gas	Gas
446	Apr	4520	Prospect Terrace	22 Dermody Road - 11	Waltham	8	National Grid	7592	7592	0	122785	9322	1.23	Gas	Gas
447	Apr	4527	Prospect Terrace	22 Hansen Road - 19	Waltham	8	National Grid	7328	7328	0	122785	8998	1.23	Gas	Gas
448	Apr	4535	Prospect Terrace	25 Dermody Road - 5	Waltham	6	National Grid	5664	5664	0	122785	6955	1.23	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual Therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
449	Apr	4523	Prospect Terrace	25 Hansen Road - 14	Waltham	10	National Grid	8964	8964	0	122786	11006	1.23	Gas	Gas
450	Apr	4518	Prospect Terrace	3 Dermody Road - 1	Waltham	4	National Grid	3684	3684	0	122786	4523	1.23	Gas	Gas
451	Apr	4519	Prospect Terrace	32 Dermody Road - 10	Waltham	4	National Grid	3684	3684	0	122786	4523	1.23	Gas	Gas
452	Apr	4526	Prospect Terrace	34 Hansen Road - 18	Waltham	8	National Grid	7592	7592	0	122785	9322	1.23	Gas	Gas
453	Apr	4539	Prospect Terrace	38 Dermody Road - 9	Waltham	3	National Grid	2576	2576	0	122786	3163	1.23	Gas	Gas
454	Apr	4532	Prospect Terrace	42 Prospect Hill Road - 23	Waltham	4	National Grid	3684	3684	0	122786	4523	1.23	Gas	Gas
455	Apr	4531	Prospect Terrace	46 Prospect Hill Road - 22	Waltham	6	National Grid	5640	5640	0	122786	6925	1.23	Gas	Gas
456	Apr	4528	Prospect Terrace	5 Dermody Road - 2	Waltham	4	National Grid	3684	3684	0	122786	4523	1.23	Gas	Gas
457	Apr	4538	Prospect Terrace	58 Hansen Road - 8	Waltham	6	National Grid	5640	5640	0	122786	6925	1.23	Gas	Gas
458	Apr	4536	Prospect Terrace	63 Hansen Road - 6	Waltham	8	National Grid	7466	7466	0	122786	9167	1.23	Gas	Gas
459	Apr	4537	Prospect Terrace	66 Hansen Road - 7	Waltham	6	National Grid	5640	5640	0	122786	6925	1.23	Gas	Gas
460	Apr	4530	Prospect Terrace	68 Prospect Hill Road/6 Hansen - 21	Waltham	12	National Grid	12200	12200	0	122786	14980	1.23	Gas	Gas
461	Apr	4533	Prospect Terrace	7 Dermody Road - 3	Waltham	4	National Grid	3684	3684	0	122786	4523	1.23	Gas	Gas
462	Apr	4529	Prospect Terrace	7 Hansen Road - 20	Waltham	5	National Grid	4248	4248	0	122785	5216	1.23	Gas	Gas
463	Apr	4540	Prospect Terrace	Day Care	Waltham	1	National Grid	2820	2820	0	122786	3463	1.23	Gas	Gas
464	Apr	5917	Redwood Park	Church Ave Community Bldg	Wareham	8	National Grid	4234	4234	234	109264	4626	1.09	Gas	Gas
465	Apr	5909	Redwood Park	Church Avenue - A	Wareham	8	National Grid	4234	4234	234	109264	4626	1.09	Gas	Gas
466	Apr	5910	Redwood Park	Church Avenue - B	Wareham	8	National Grid	4234	4234	234	109264	4626	1.09	Gas	Gas
467	Apr	5911	Redwood Park	Church Avenue - C	Wareham	8	National Grid	4234	4234	234	109264	4626	1.09	Gas	Gas
468	Apr	5912	Redwood Park	Church Avenue - D	Wareham	8	National Grid	4234	4234	234	109264	4626	1.09	Gas	Gas
469	Apr	5913	Redwood Park	Church Avenue - E	Wareham	8	National Grid	4234	4234	234	109264	4626	1.09	Gas	Gas
470	Apr	5914	Redwood Park	Church Avenue - F	Wareham	8	National Grid	4234	4234	234	109264	4626	1.09	Gas	Gas
471	Apr	5915	Redwood Park	Church Avenue - G	Wareham	8	National Grid	4234	4234	234	109264	4626	1.09	Gas	Gas
472	Apr	5916	Redwood Park	Church Avenue - H	Wareham	8	National Grid	4234	4234	234	109264	4626	1.09	Gas	Gas
473	May	9311	120 Mountain Ave (FED)	120 Mountain Ave	Malden	124	National Grid	64234	64234	7239	992274	63738	0.99	Gas	Gas
474	May	9294	312 Bryant St (FED)	Building 1	Malden	8	National Grid	4324	4324	0	648488	2804	0.65	Gas	Gas
475	May	9304	312 Bryant St (FED)	Building 10	Malden	8	National Grid	4324	4324	0	648488	2804	0.65	Gas	Gas
476	May	9305	312 Bryant St (FED)	Building 11	Malden	4	National Grid	2162	2162	0	648488	1402	0.65	Gas	Gas
477	May	9306	312 Bryant St (FED)	Building 12	Malden	4	National Grid	2162	2162	0	648488	1402	0.65	Gas	Gas
478	May	9307	312 Bryant St (FED)	Building 13	Malden	4	National Grid	2162	2162	0	648488	1402	0.65	Gas	Gas
479	May	9308	312 Bryant St (FED)	Building 14	Malden	4	National Grid	2162	2162	0	648488	1402	0.65	Gas	Gas
480	May	9309	312 Bryant St (FED)	Building 15	Malden	8	National Grid	4324	4324	0	648488	2804	0.65	Gas	Gas
481	May	9295	312 Bryant St (FED)	Building 2	Malden	8	National Grid	4324	4324	0	648488	2804	0.65	Gas	Gas
482	May	9296	312 Bryant St (FED)	Building 3	Malden	4	National Grid	2162	2162	0	648488	1402	0.65	Gas	Gas
483	May	9297	312 Bryant St (FED)	Building 4	Malden	4	National Grid	2162	2162	0	648488	1402	0.65	Gas	Gas
484	May	9298	312 Bryant St (FED)	Building 5	Malden	8	National Grid	4324	4324	0	648488	2804	0.65	Gas	Gas
485	May	9299	312 Bryant St (FED)	Building 6	Malden	4	National Grid	2162	2162	0	648488	1402	0.65	Gas	Gas
486	May	9300	312 Bryant St (FED)	Building 7	Malden	10	National Grid	5405	5405	0	648488	3505	0.65	Gas	Gas
487	May	9301	312 Bryant St (FED)	Building 8	Malden	8	National Grid	4324	4324	0	648488	2804	0.65	Gas	Gas
488	May	9303	312 Bryant St (FED)	Building 9	Malden	12	National Grid	6486	6486	0	648488	4206	0.65	Gas	Gas
489	May	9310	312 Bryant St (FED)	Community Building	Malden	1	National Grid	9408	9408	9407	648488	6101	0.65	Gas	Gas
490	May	9312	557 Pleasant St (FED)	557 Pleasant St	Malden	172	National Grid	161456	148266	80616	119880	17774	0.12	Electric	Gas
491	May	9293	630 Salem St (FED)	630 Salem St	Malden	216	National Grid	172830	155547	61698	451574	70241	0.45	Gas	Gas
492	May	9313	89 Pearl St (FED)	89 Pearl St	Malden	110	National Grid	77478	77478	18303	361111	27978	0.36	Gas	Gas
493	May	9220	Allencrest	Allencrest Community Center (138 Viscoloid Ave)	Leominster	1	National Grid	2000	2000	1999	406761	814	0.41	Gas	Gas
494	May	9376	Brookside Terrace	12 Village Dr	Southbridge	4	National Grid	5930	5930	1326	528999	3137	0.53	Gas	Gas
495	May	9378	Brookside Terrace	13 Village Dr	Southbridge	4	National Grid	5930	5930	1326	528999	3137	0.53	Gas	Gas
496	May	9379	Brookside Terrace	19 Village Dr	Southbridge	12	National Grid	12445	12445	2056	528999	6583	0.53	Gas	Gas
497	May	9380	Brookside Terrace	20 Village Dr	Southbridge	12	National Grid	12445	12445	2056	528999	6583	0.53	Gas	Gas
498	May	9381	Brookside Terrace	21 Village Dr	Southbridge	12	National Grid	12445	12445	2056	528999	6583	0.53	Gas	Gas
499	May	9382	Brookside Terrace	22 Village Dr	Southbridge	4	National Grid	5930	5930	1326	528999	3137	0.53	Gas	Gas
500	May	9383	Brookside Terrace	23 Village Dr	Southbridge	4	National Grid	5930	5930	1326	528999	3137	0.53	Gas	Gas
501	May	9384	Brookside Terrace	24 Village Dr	Southbridge	12	National Grid	12445	12445	2056	528999	6583	0.53	Gas	Gas
502	May	9385	Brookside Terrace	25 Village Dr	Southbridge	12	National Grid	12445	12445	2056	528999	6583	0.53	Gas	Gas
503	May	9386	Brookside Terrace	26 Village Dr	Southbridge	12	National Grid	12445	12445	2056	528999	6583	0.53	Gas	Gas
504	May	9387	Brookside Terrace	27 Village Dr	Southbridge	12	National Grid	12445	12445	2056	528999	6583	0.53	Gas	Gas
505	May	9388	Brookside Terrace	28 Village Dr	Southbridge	12	National Grid	12445	12445	2056	528999	6583	0.53	Gas	Gas
506	May	9389	Brookside Terrace	29 Village Dr	Southbridge	12	National Grid	12445	12445	2056	528999	6583	0.53	Gas	Gas
507	May	9390	Brookside Terrace	30 Village Dr	Southbridge	12	National Grid	12445	12445	2056	528999	6583	0.53	Gas	Gas
508	May	9391	Brookside Terrace	31 Village Dr	Southbridge	12	National Grid	12445	12445	2056	528999	6583	0.53	Gas	Gas
509	May	9374	Brookside Terrace	5 Village Dr	Southbridge	4	National Grid	5930	5930	1326	528999	3137	0.53	Gas	Gas
510	May	9375	Brookside Terrace	6 Village Dr	Southbridge	4	National Grid	5930	5930	1326	528999	3137	0.53	Gas	Gas
511	May	9474	Brookside Terrace	Office	Southbridge	1	National Grid	2095	2095	2094	528999	1108	0.53	Gas	Gas
512	May	9392	Brookside Terrace	Townhouse 1-4	Southbridge	4	National Grid	6006	6006	262	528999	3177	0.53	Gas	Gas

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513	May	9394	Brookside Terrace	Townhouse 14-17	Southbridge	4	National Grid	6006	6006	262	528999	3177	0.53	Gas	Gas
514	May	9393	Brookside Terrace	Townhouse 7-10	Southbridge	4	National Grid	6006	6006	262	528999	3177	0.53	Gas	Gas
515	May	8951	Castle Square Apartments	Building 1 (121 - 131 Shawmut Avenue)	Boston	16	National Grid	18557	18557	3259	598197	11101	0.60	Gas	Gas
516	May	9027	Castle Square Apartments	Building 10 (11 - 19 Village Ct)	Boston	14	National Grid	17312	17312	3372	598197	10356	0.60	Gas	Gas
517	May	9029	Castle Square Apartments	Building 11 (1 - 9 Village Ct)	Boston	16	National Grid	18579	18579	3299	598197	11114	0.60	Gas	Gas
518	May	9030	Castle Square Apartments	Building 12 (1 - 9 Castle Court)	Boston	20	National Grid	22606	22606	3962	598197	13523	0.60	Gas	Gas
519	May	9031	Castle Square Apartments	Building 13 (11 - 21 Castle Ct)	Boston	24	National Grid	26640	26640	4632	598197	15936	0.60	Gas	Gas
520	May	9032	Castle Square Apartments	Building 14 (1 - 11 Emerald Court)	Boston	20	National Grid	25546	25546	4932	598197	15282	0.60	Gas	Gas
521	May	9034	Castle Square Apartments	Building 15 (15 - 23 Emerald Court)	Boston	18	National Grid	21748	21748	4146	598197	13010	0.60	Gas	Gas
522	May	9035	Castle Square Apartments	Building 16 (10 - 18 Emerald Court)	Boston	18	National Grid	20992	20992	4005	598197	12557	0.60	Gas	Gas
523	May	9036	Castle Square Apartments	Building 17 (2 - 6 Emerald Court)	Boston	12	National Grid	14526	14526	2598	598197	8689	0.60	Gas	Gas
524	May	9037	Castle Square Apartments	Building 18 (18 - 23 Castle Court)	Boston	10	National Grid	12565	12565	2597	598198	7516	0.60	Gas	Gas
525	May	9038	Castle Square Apartments	Building 19 (2 - 14 Castle Court)	Boston	26	National Grid	31261	31261	5711	598197	18700	0.60	Gas	Gas
526	May	9019	Castle Square Apartments	Building 2 (2 - 8 Paul Place)	Boston	14	National Grid	16642	16642	3310	598197	9955	0.60	Gas	Gas
527	May	9039	Castle Square Apartments	Building 20 (414 - 444 Tremont St - Midrise Deep Energy)	Boston	48	National Grid	42089	42089	13721	948487	39921	0.95	Gas	Gas
528	May	9040	Castle Square Apartments	uilding 21 (474 - 478 Tremont St - Midrise Deep Energy Retrofit	Boston	48	National Grid	44112	44112	15387	740309	32657	0.74	Gas	Gas
529	May	9041	Castle Square Apartments	uilding 22 (482 - 484 Tremont St - Midrise Deep Energy Retrofit	Boston	48	National Grid	44112	44112	15427	700501	30901	0.70	Gas	Gas
530	May	9042	Castle Square Apartments	Building 23 (494 Tremont St - Midrise Deep Energy Retrofit)	Boston	48	National Grid	44112	44112	15799	704722	31087	0.70	Gas	Gas
531	May	9020	Castle Square Apartments	Building 3 (12 - 18 Paul Place)	Boston	14	National Grid	16642	16642	3310	598197	9955	0.60	Gas	Gas
532	May	9021	Castle Square Apartments	Building 4 (22 - 28 Paul Place)	Boston	14	National Grid	16642	16642	3310	598197	9955	0.60	Gas	Gas
533	May	9022	Castle Square Apartments	Building 5 (32 - 38 Paul Place)	Boston	14	National Grid	17322	17322	3380	598197	10362	0.60	Gas	Gas
534	May	9023	Castle Square Apartments	Building 6 (42 - 48 Paul Place)	Boston	14	National Grid	17322	17322	3380	598197	10362	0.60	Gas	Gas
535	May	9024	Castle Square Apartments	Building 7 (41 - 49 Village Court)	Boston	14	National Grid	17322	17322	3380	598197	10362	0.60	Gas	Gas
536	May	9025	Castle Square Apartments	Building 8 (31 - 39 Village Court)	Boston	16	National Grid	20546	20546	3904	598197	12291	0.60	Gas	Gas
537	May	9026	Castle Square Apartments	Building 9 (21 - 29 Village Court)	Boston	14	National Grid	17312	17312	3372	598197	10356	0.60	Gas	Gas
538	May	6618	Forestdale	1 Kimball St - A	Malden	20	National Grid	14112	9408	7112	780424	7342	0.78	Gas	Gas
539	May	9132	Forestdale	2 Sylvan St - C	Malden	32	National Grid	23040	15360	11840	780423	11987	0.78	Gas	Gas
540	May	9131	Forestdale	427 Forest St - B	Malden	51	National Grid	33984	22656	16134	780424	17681	0.78	Gas	Gas
541	May	9128	Forestdale Old	47-51 Sylvan St - C	Malden	8	National Grid	5760	3840	1920	926501	3558	0.93	Gas	Gas
542	May	6616	Forestdale Old	57-59 Sylvan St - A	Malden	10	National Grid	6750	4500	2250	926501	4169	0.93	Gas	Gas
543	May	9130	Forestdale Old	6-12 Kimball St - E	Malden	4	National Grid	2040	1360	680	926501	1260	0.93	Gas	Gas
544	May	9129	Forestdale Old	61-67 Sylvan St - D	Malden	8	National Grid	5760	3840	1920	926501	3558	0.93	Gas	Gas
545	May	9127	Forestdale Old	71-73 Sylvan St - B	Malden	8	National Grid	5220	3480	1740	926501	3224	0.93	Gas	Gas
546	May	9165	Newland (FED)	101-107 Newland St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
547	May	9161	Newland (FED)	106-112 Newland St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
548	May	9284	Newland (FED)	112-118 Alden St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
549	May	9170	Newland (FED)	114-120 Newland St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
550	May	9283	Newland (FED)	114-120 Sammett St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
551	May	9191	Newland (FED)	119-125 Alden St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
552	May	9179	Newland (FED)	122-128 Sammett St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
553	May	9150	Newland (FED)	122-132 Alden St	Malden	4	National Grid	9800	7300	3500	902485	6588	0.90	Gas	Gas
554	May	9156	Newland (FED)	128-134 Newland St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
555	May	9171	Newland (FED)	130-136 Sammett St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
556	May	9162	Newland (FED)	135-141 Newland St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
557	May	9180	Newland (FED)	138-144 Sammett St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
558	May	9168	Newland (FED)	144-150 Bowdoin St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
559	May	9154	Newland (FED)	144-150 Newland St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
560	May	9169	Newland (FED)	146-152 Sammett St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
561	May	9146	Newland (FED)	147-153 Bowdoin St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
562	May	9164	Newland (FED)	154-160 Bowdoin St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
563	May	9160	Newland (FED)	154-160 Newland St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
564	May	9142	Newland (FED)	157-163 Bowdoin St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
565	May	9153	Newland (FED)	162-168 Newland St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
566	May	9286	Newland (FED)	162-168 Sammett St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
567	May	9167	Newland (FED)	166-172 Bowdoin St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
568	May	9147	Newland (FED)	167-173 Bowdoin St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
569	May	9163	Newland (FED)	176-182 Bowdoin St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
570	May	9143	Newland (FED)	177-183 Bowdoin St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
571	May	9151	Newland (FED)	178-184 Newland St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
572	May	9166	Newland (FED)	186-192 Bowdoin St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
573	May	9159	Newland (FED)	186-192 Newland St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
574	May	9144	Newland (FED)	189-195 Alden St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
575	May	9178	Newland (FED)	194-200 Sammett St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
576	May	9186	Newland (FED)	199-205 Sammett St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/Conditioned ft2 Annual Usage	Therms/ ft2	Heating Fuel	Hot Water Fuel
577	May	9176	Newland (FED)	209-215 Newland St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
578	May	9193	Newland (FED)	216-222 Newland St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
579	May	9185	Newland (FED)	217-223 Sammett St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
580	May	9184	Newland (FED)	223-229 Newland St	Malden	4	National Grid	5700	3800	1900	1008390	3832	1.01	Gas	Gas
581	May	9196	Newland (FED)	233-239 Sammett St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
582	May	9190	Newland (FED)	240-246 Sammett St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
583	May	9197	Newland (FED)	302-308 Newland St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
584	May	9172	Newland (FED)	69-75 Alden St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
585	May	9149	Newland (FED)	76-82 Alden St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
586	May	9148	Newland (FED)	84-90 Alden St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
587	May	9175	Newland (FED)	91-97 Newland St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
588	May	9158	Newland (FED)	98-104 Newland St	Malden	4	National Grid	4500	3000	1500	1008390	3025	1.01	Gas	Gas
589	May	9238	Pleasant Street School (Fed)	Pleasant Street School	Ayer	22	National Grid	16800	16800	6900	329107	5529	0.33	Gas	Electric
590	May	7542	Triangle Rentals	404 Fletcher St	Lowell	4	National Grid	4266	4266	1066	585727	2499	0.59	Gas	Gas
591	Jun	6323	40 Prescott	40 Prescott	Brookline	8	National Grid	8285	6333	6653	42695	2704	0.43	Gas	Gas
592	Jun	7777	710 Main Street	710 Main Street	Weymouth	3	National Grid	6297	6090	207	24143	1470	0.24	Gas	Gas
593	Jun	9360	Agawam Village	Community Building	Wareham	1	National Grid	2894	1447	2893	107258	1552	1.07	Gas	Gas
594	Jun	6619	Clement St	14-16 Clement Street	Malden	19	National Grid	10192	7644	5442	58763	4492	0.59	Gas	Gas
595	Jun	9877	Cummins Towers	855 American Legion Hwy	Boston	80	National Grid	92820	92820	41745	67467	62623	0.67	Gas	Gas
596	Jun	9878	Cummins Towers	865 American Legion Hwy	Boston	80	National Grid	92820	92820	41745	54726	50797	0.55	Gas	Gas
597	Jun	9876	Cummins Towers	950 Canterbury Street	Boston	78	National Grid	92820	92820	42850	57827	53675	0.58	Gas	Gas
598	Jun	8786	Hartley Terrace	52 Hartley St Building A	Webster	18	National Grid	19008	19008	7399	39415	7492	0.39	Gas	Gas
599	Jun	8789	Hartley Terrace	52 Hartley St Building C	Webster	18	National Grid	19008	19008	7399	40345	7669	0.40	Gas	Gas
600	Jun	8882	Kendrigan Place	10 Winter Street	Quincy	78	National Grid	87459	87459	25059	33076	28928	0.33	Gas	Gas
601	Jun	9049	Linden	101-107 Coleman St	Malden	4	National Grid	4992	3328	1664	63893	2126	0.64	Gas	Gas
602	Jun	9349	Mace (FED)	1-3 Clinton Ct	Chelsea	24	National Grid	14580	14580	882	121451	17708	1.21	Gas	Gas
603	Jun	9353	Mace (FED)	1-3 Mill Ct	Chelsea	24	National Grid	14580	14580	882	121451	17708	1.21	Gas	Gas
604	Jun	9350	Mace (FED)	2-4 Clinton Ct	Chelsea	24	National Grid	14580	14580	882	121451	17708	1.21	Gas	Gas
605	Jun	9355	Mace (FED)	449-461 Crescent Ave	Chelsea	23	National Grid	14580	14580	1452	121451	17708	1.21	Gas	Gas
606	Jun	9358	Margolis (FED)	260 Clark Ave	Chelsea	152	National Grid	97500	97500	16640	19705	19213	0.20	Electric	Electric
607	Jun	7091	McBride House/St Cecilia's	McB-70 Queensberry st	Boston	17	National Grid	16769	16769	6750	51351	8611	0.51	Gas	Gas
608	Jun	7097	McBride House/St Cecilia's	StC-108 Kilmarnock st	Boston	122	National Grid	80731	78846	23613	32339	25498	0.32	Gas	Gas
609	Jun	9408	Mystic River	25 Memorial Rd/ Bldg 3	Somerville	24	National Grid	27116	20332	9834	118321	24057	1.18	Gas	Gas
610	Jun	9285	Newland (FED)	136-142 Newland St	Malden	4	National Grid	5700	3600	2100	105292	3791	1.05	Gas	Gas
611	Jun	9152	Newland (FED)	170-176 Newland St	Malden	4	National Grid	5700	3600	2100	105292	3791	1.05	Gas	Gas
612	Jun	9287	Newland (FED)	170-176 Sammett St	Malden	4	National Grid	5700	3600	2100	105292	3791	1.05	Gas	Gas
613	Jun	9288	Newland (FED)	178-184 Sammett St	Malden	4	National Grid	5700	3600	2100	105292	3791	1.05	Gas	Gas
614	Jun	9291	Newland (FED)	186-192 Sammett St	Malden	4	National Grid	5700	3600	2100	105292	3791	1.05	Gas	Gas
615	Jun	9173	Newland (FED)	208-214 Sammett St	Malden	4	National Grid	5700	3600	2100	105292	3791	1.05	Gas	Gas
616	Jun	9174	Newland (FED)	218-224 Sammett St	Malden	4	National Grid	5700	3600	2100	105292	3791	1.05	Gas	Gas
617	Jun	9194	Newland (FED)	230-236 Newland St	Malden	4	National Grid	5700	3600	2100	105292	3791	1.05	Gas	Gas
618	Jun	9177	Newland (FED)	231-237 Newland St	Malden	4	National Grid	5700	3800	1900	99751	3791	1.00	Gas	Gas
619	Jun	9183	Newland (FED)	239-245 Newland St	Malden	4	National Grid	5700	3800	1900	99751	3791	1.00	Gas	Gas
620	Jun	9192	Newland (FED)	244-250 Newland St	Malden	4	National Grid	5700	3800	1900	99751	3791	1.00	Gas	Gas
621	Jun	9198	Newland (FED)	270-276 Newland St	Malden	4	National Grid	5700	3600	2100	105292	3791	1.05	Gas	Gas
622	Jun	9292	Newland (FED)	275 Newland (Comm/office)	Malden	1	National Grid	7800	3900	7799	133001	5187	1.33	Gas	Gas
623	Jun	9195	Newland (FED)	284-290 Newland St	Malden	4	National Grid	5700	3800	1900	99751	3791	1.00	Gas	Gas
624	Jun	9187	Newland (FED)	285-291 Newland St	Malden	4	National Grid	5700	3600	2100	105292	3791	1.05	Gas	Gas
625	Jun	9189	Newland (FED)	293-299 Newland St	Malden	4	National Grid	5700	3600	2100	105292	3791	1.05	Gas	Gas
626	Jun	9188	Newland (FED)	301-307 Newland St	Malden	4	National Grid	5700	3800	1900	99751	3791	1.00	Gas	Gas
627	Jun	9181	Newland (FED)	61-67 Alden St	Malden	4	National Grid	5700	3800	1900	99751	3791	1.00	Gas	Gas
628	Jun	9182	Newland (FED)	77-83 Alden St	Malden	4	National Grid	5700	3800	1900	99751	3791	1.00	Gas	Gas
629	Jun	9145	Newland (FED)	94-100 Alden St	Malden	4	National Grid	5700	3600	2100	105292	3791	1.05	Gas	Gas
630	Jun	8887	Parkside Village	193 Hildreth Street	Lowell	12	National Grid	9720	9720	1920	86165	8375	0.86	Gas	Gas
631	Jun	8888	Parkside Village	195 Hildreth Street	Lowell	1	National Grid	540	540	0	86165	465	0.86	Gas	Gas
632	Jun	8889	Parkside Village	197 Hildreth Street	Lowell	12	National Grid	9720	9720	1920	86165	8375	0.86	Gas	Gas
633	Jun	8890	Parkside Village	199 Hildreth Street	Lowell	24	National Grid	19050	19050	3465	81386	15504	0.81	Gas	Gas
634	Jun	8891	Parkside Village	203 Hildreth Street	Lowell	12	National Grid	9720	9720	1920	51842	5039	0.52	Gas	Gas
635	Jun	8892	Parkside Village	205 Hildreth Street	Lowell	12	National Grid	9720	9720	1920	51842	5039	0.52	Gas	Gas
636	Jun	8893	Parkside Village	207 Hildreth St	Lowell	12	National Grid	9720	9720	1920	51842	5039	0.52	Gas	Gas
637	Jun	8884	Parkside Village	77 Richardson Street	Lowell	11	National Grid	9540	9540	2800	59036	5632	0.59	Gas	Gas
638	Jun	8885	Parkside Village	85 Richardson Street	Lowell	11	National Grid	9540	9540	2800	64259	6130	0.64	Gas	Gas
639	Jun	8886	Parkside Village	88 Richardson Street	Lowell	4	National Grid	3360	3360	496	98948	3325	0.99	Gas	Gas
640	Jun	9136	Scattered Site (FED)	131 Converse	Malden	1	National Grid	2652	1768	0	87944	1555	0.88	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
641	Jun	9316	Scattered Site (FED)	161/163 Adams St	Malden	2	National Grid	3304	2228	1076	38566	856	0.83	Gas	Gas
642	Jun	9317	Scattered Site (FED)	20/22 Spring St	Malden	2	National Grid	3464	2336	1128	81918	1914	0.82	Gas	Gas
643	Jun	9341	Scrivano (FED)	1-3 Parkway Ct	Chelsea	23	National Grid	14580	14580	1452	115376	16822	1.15	Gas	Gas
644	Jun	9336	Scrivano (FED)	1-3-5 Webster Ct	Chelsea	35	National Grid	21870	21870	1323	126176	27595	1.26	Gas	Gas
645	Jun	9342	Scrivano (FED)	2-4 Parkway Ct	Chelsea	24	National Grid	14580	14580	882	118043	17211	1.18	Gas	Gas
646	Jun	9337	Scrivano (FED)	2-4 Webster Ct	Chelsea	24	National Grid	14580	14580	882	126176	18397	1.26	Gas	Gas
647	Jun	10041A	Snug Harbor	103 Taffrail Road A	Quincy	1	National Grid	1043	695	348	42878	298	0.43	Gas	Gas
648	Jun	10041B	Snug Harbor	103 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	42878	433	0.43	Gas	Gas
649	Jun	10041C	Snug Harbor	103 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	42878	433	0.43	Gas	Gas
650	Jun	10041D	Snug Harbor	103 Taffrail Road D	Quincy	1	National Grid	1043	695	348	42878	298	0.43	Gas	Gas
651	Jun	9986A	Snug Harbor	12 Figurehead Lane A	Quincy	1	National Grid	1013	675	338	39050	264	0.39	Gas	Gas
652	Jun	9986B	Snug Harbor	12 Figurehead Lane B	Quincy	1	National Grid	1511	1007	504	39050	393	0.39	Gas	Gas
653	Jun	10058A	Snug Harbor	12 Yardam A	Quincy	1	National Grid	1043	695	348	43600	303	0.44	Gas	Gas
654	Jun	10058B	Snug Harbor	12 Yardam B	Quincy	1	National Grid	1515	1010	505	43600	440	0.44	Gas	Gas
655	Jun	10058C	Snug Harbor	12 Yardam C	Quincy	1	National Grid	1515	1010	505	43600	440	0.44	Gas	Gas
656	Jun	10058D	Snug Harbor	12 Yardam D	Quincy	1	National Grid	1043	695	348	43600	303	0.44	Gas	Gas
657	Jun	10073A	Snug Harbor	130 Taffrail A	Quincy	1	National Grid	1050	700	350	45571	319	0.46	Gas	Gas
658	Jun	10073B	Snug Harbor	130 Taffrail B	Quincy	1	National Grid	1223	815	408	45571	371	0.46	Gas	Gas
659	Jun	10073C	Snug Harbor	130 Taffrail C	Quincy	1	National Grid	1223	815	408	45571	371	0.46	Gas	Gas
660	Jun	10073D	Snug Harbor	130 Taffrail D	Quincy	1	National Grid	1050	700	350	45571	319	0.46	Gas	Gas
661	Jun	10050A	Snug Harbor	189 Taffrail Road A	Quincy	1	National Grid	1043	695	348	46265	322	0.46	Gas	Gas
662	Jun	10050B	Snug Harbor	189 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	46265	467	0.46	Gas	Gas
663	Jun	10050C	Snug Harbor	189 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	46265	467	0.46	Gas	Gas
664	Jun	10050D	Snug Harbor	189 Taffrail Road D	Quincy	1	National Grid	1043	695	348	46265	322	0.46	Gas	Gas
665	Jun	10051A	Snug Harbor	193 Taffrail Road A	Quincy	1	National Grid	1043	695	348	42909	298	0.43	Gas	Gas
666	Jun	10051B	Snug Harbor	193 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	42909	433	0.43	Gas	Gas
667	Jun	10051C	Snug Harbor	193 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	42909	433	0.43	Gas	Gas
668	Jun	10051D	Snug Harbor	193 Taffrail Road D	Quincy	1	National Grid	1043	695	348	42909	298	0.43	Gas	Gas
669	Jun	10012A	Snug Harbor	20 Bicknell A	Quincy	1	National Grid	1043	695	348	39124	272	0.39	Gas	Gas
670	Jun	10012B	Snug Harbor	20 Bicknell B	Quincy	1	National Grid	1515	1010	505	39124	395	0.39	Gas	Gas
671	Jun	10012C	Snug Harbor	20 Bicknell C	Quincy	1	National Grid	1515	1010	505	39124	395	0.39	Gas	Gas
672	Jun	10012D	Snug Harbor	20 Bicknell D	Quincy	1	National Grid	1043	695	348	39124	272	0.39	Gas	Gas
673	Jun	10016A	Snug Harbor	20 Captains Walk A	Quincy	1	National Grid	1043	695	348	45107	313	0.45	Gas	Gas
674	Jun	10016B	Snug Harbor	20 Captains Walk B	Quincy	1	National Grid	1515	1010	505	45107	456	0.45	Gas	Gas
675	Jun	10016C	Snug Harbor	20 Captains Walk C	Quincy	1	National Grid	1515	1010	505	45107	456	0.45	Gas	Gas
676	Jun	10016D	Snug Harbor	20 Captains Walk D	Quincy	1	National Grid	1043	695	348	45107	313	0.45	Gas	Gas
677	Jun	9980A	Snug Harbor	20 Figurehead A	Quincy	1	National Grid	1050	700	350	46425	325	0.46	Gas	Gas
678	Jun	9980B	Snug Harbor	20 Figurehead B	Quincy	1	National Grid	1223	815	408	46425	378	0.46	Gas	Gas
679	Jun	9980C	Snug Harbor	20 Figurehead C	Quincy	1	National Grid	1223	815	408	46425	378	0.46	Gas	Gas
680	Jun	9980D	Snug Harbor	20 Figurehead D	Quincy	1	National Grid	1050	700	350	46425	325	0.46	Gas	Gas
681	Jun	10052A	Snug Harbor	200 Taffrail Road A	Quincy	1	National Grid	1043	695	348	47019	327	0.47	Gas	Gas
682	Jun	10052B	Snug Harbor	200 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	47019	475	0.47	Gas	Gas
683	Jun	10052C	Snug Harbor	200 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	47019	475	0.47	Gas	Gas
684	Jun	10052D	Snug Harbor	200 Taffrail Road D	Quincy	1	National Grid	1043	695	348	47019	327	0.47	Gas	Gas
685	Jun	10005A	Snug Harbor	205 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	42425	286	0.42	Gas	Gas
686	Jun	10005B	Snug Harbor	205 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	42425	427	0.42	Gas	Gas
687	Jun	10005C	Snug Harbor	205 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	42425	427	0.42	Gas	Gas
688	Jun	10005D	Snug Harbor	205 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	42425	286	0.42	Gas	Gas
689	Jun	9977A	Snug Harbor	381 Palmer A	Quincy	1	National Grid	1013	675	338	34111	230	0.34	Gas	Gas
690	Jun	9977B	Snug Harbor	381 Palmer B	Quincy	1	National Grid	1511	1007	504	34111	343	0.34	Gas	Gas
691	Jun	9977C	Snug Harbor	381 Palmer C	Quincy	1	National Grid	1511	1007	504	34111	343	0.34	Gas	Gas
692	Jun	9977D	Snug Harbor	381 Palmer D	Quincy	1	National Grid	1013	675	338	34111	230	0.34	Gas	Gas
693	Jun	10018A	Snug Harbor	40 Captains Walk A	Quincy	1	National Grid	1043	695	348	47152	328	0.47	Gas	Gas
694	Jun	10018B	Snug Harbor	40 Captains Walk B	Quincy	1	National Grid	1515	1010	505	47152	476	0.47	Gas	Gas
695	Jun	10018C	Snug Harbor	40 Captains Walk C	Quincy	1	National Grid	1515	1010	505	47152	476	0.47	Gas	Gas
696	Jun	9995A	Snug Harbor	46 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	32925	222	0.33	Gas	Gas
697	Jun	9995B	Snug Harbor	46 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	32925	332	0.33	Gas	Gas
698	Jun	9995C	Snug Harbor	46 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	32925	332	0.33	Gas	Gas
699	Jun	9995D	Snug Harbor	46 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	32925	222	0.33	Gas	Gas
700	Jun	10022A	Snug Harbor	72 Captains Walk A	Quincy	1	National Grid	1043	695	348	44673	310	0.45	Gas	Gas
701	Jun	10022B	Snug Harbor	72 Captains Walk B	Quincy	1	National Grid	1515	1010	505	44673	451	0.45	Gas	Gas
702	Jun	10022C	Snug Harbor	72 Captains Walk C	Quincy	1	National Grid	1515	1010	505	44673	451	0.45	Gas	Gas
703	Jun	10022D	Snug Harbor	72 Captains Walk D	Quincy	1	National Grid	1043	695	348	44673	310	0.45	Gas	Gas
704	Jun	10057A	Snug Harbor	9 Yardam A	Quincy	1	National Grid	1043	695	348	43021	299	0.43	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
705	Jun	10057B	Snug Harbor	9 Yardam B	Quincy	1	National Grid	1515	1010	505	43021	435	0.43	Gas	Gas
706	Jun	10057C	Snug Harbor	9 Yardam C	Quincy	1	National Grid	1515	1010	505	43021	435	0.43	Gas	Gas
707	Jun	10057D	Snug Harbor	9 Yardam D	Quincy	1	National Grid	1043	695	348	43021	299	0.43	Gas	Gas
708	Jun	6617	Springdale	157-163 Oliver St; 65-65A Springdale St	Malden	28	National Grid	18432	12288	6144	89782	11032	0.90	Gas	Gas
709	Jul	10031A	Snug Harbor	10 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	57079	397	0.57	Gas	Gas
710	Jul	10031B	Snug Harbor	10 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	57079	577	0.57	Gas	Gas
711	Jul	10031C	Snug Harbor	10 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	57079	577	0.57	Gas	Gas
712	Jul	10031D	Snug Harbor	10 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	57079	397	0.57	Gas	Gas
713	Jul	10001A	Snug Harbor	101 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	54529	368	0.55	Gas	Gas
714	Jul	10001B	Snug Harbor	101 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	54529	549	0.55	Gas	Gas
715	Jul	10001C	Snug Harbor	101 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	54529	549	0.55	Gas	Gas
716	Jul	10001D	Snug Harbor	101 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	54529	368	0.55	Gas	Gas
717	Jul	10042A	Snug Harbor	109 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	55455	385	0.55	Gas	Gas
718	Jul	10042B	Snug Harbor	109 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	55455	560	0.55	Gas	Gas
719	Jul	10042C	Snug Harbor	109 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	55455	560	0.55	Gas	Gas
720	Jul	10042D	Snug Harbor	109 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	55455	385	0.55	Gas	Gas
721	Jul	10014A	Snug Harbor	11 Binnacle A	Quincy	1	National Grid	1042.5	695	347.5	57318	398	0.57	Gas	Gas
722	Jul	10014B	Snug Harbor	11 Binnacle B	Quincy	1	National Grid	1515	1010	505	57318	579	0.57	Gas	Gas
723	Jul	10014C	Snug Harbor	11 Binnacle C	Quincy	1	National Grid	1515	1010	505	57318	579	0.57	Gas	Gas
724	Jul	10014D	Snug Harbor	11 Binnacle D	Quincy	1	National Grid	1042.5	695	347.5	57318	398	0.57	Gas	Gas
725	Jul	10044A	Snug Harbor	121 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	49256	342	0.49	Gas	Gas
726	Jul	10044B	Snug Harbor	121 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	49256	497	0.49	Gas	Gas
727	Jul	10044C	Snug Harbor	121 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	49256	497	0.49	Gas	Gas
728	Jul	10044D	Snug Harbor	121 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	49256	342	0.49	Gas	Gas
729	Jul	9994A	Snug Harbor	14 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	51755	349	0.52	Gas	Gas
730	Jul	9994B	Snug Harbor	14 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	51755	521	0.52	Gas	Gas
731	Jul	9994C	Snug Harbor	14 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	51755	521	0.52	Gas	Gas
732	Jul	9994D	Snug Harbor	14 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	51755	349	0.52	Gas	Gas
733	Jul	10045A	Snug Harbor	165 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	50363	350	0.50	Gas	Gas
734	Jul	10045B	Snug Harbor	165 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	50363	509	0.50	Gas	Gas
735	Jul	10045C	Snug Harbor	165 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	50363	509	0.50	Gas	Gas
736	Jul	10045D	Snug Harbor	165 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	50363	350	0.50	Gas	Gas
737	Jul	9987A	Snug Harbor	17 Binnacle A	Quincy	1	National Grid	1012.5	675	337.5	51913	350	0.52	Gas	Gas
738	Jul	9987B	Snug Harbor	17 Binnacle B	Quincy	1	National Grid	1510.5	1007	503.5	51913	523	0.52	Gas	Gas
739	Jul	9987C	Snug Harbor	17 Binnacle C	Quincy	1	National Grid	1510.5	1007	503.5	51913	523	0.52	Gas	Gas
740	Jul	9987D	Snug Harbor	17 Binnacle D	Quincy	1	National Grid	1012.5	675	337.5	51913	350	0.52	Gas	Gas
741	Jul	10003A	Snug Harbor	177 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	48301	326	0.48	Gas	Gas
742	Jul	10003B	Snug Harbor	177 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	48301	486	0.48	Gas	Gas
743	Jul	10003C	Snug Harbor	177 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	48301	486	0.48	Gas	Gas
744	Jul	10003D	Snug Harbor	177 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	48301	326	0.48	Gas	Gas
745	Jul	10047A	Snug Harbor	178 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	47863	333	0.48	Gas	Gas
746	Jul	10047B	Snug Harbor	178 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	47863	483	0.48	Gas	Gas
747	Jul	10047C	Snug Harbor	178 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	47863	483	0.48	Gas	Gas
748	Jul	10047D	Snug Harbor	178 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	47863	333	0.48	Gas	Gas
749	Jul	10009A	Snug Harbor	18 Yardarm Lane A	Quincy	1	National Grid	1012.5	675	337.5	47827	323	0.48	Gas	Gas
750	Jul	10009B	Snug Harbor	18 Yardarm Lane B	Quincy	1	National Grid	1510.5	1007	503.5	47827	482	0.48	Gas	Gas
751	Jul	10009C	Snug Harbor	18 Yardarm Lane C	Quincy	1	National Grid	1510.5	1007	503.5	47827	482	0.48	Gas	Gas
752	Jul	10009D	Snug Harbor	18 Yardarm Lane D	Quincy	1	National Grid	1012.5	675	337.5	47827	323	0.48	Gas	Gas
753	Jul	10048A	Snug Harbor	185 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	56486	393	0.56	Gas	Gas
754	Jul	10048B	Snug Harbor	185 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	56486	571	0.56	Gas	Gas
755	Jul	10048C	Snug Harbor	185 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	56486	571	0.56	Gas	Gas
756	Jul	10048D	Snug Harbor	185 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	56486	393	0.56	Gas	Gas
757	Jul	10049A	Snug Harbor	186 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	50682	352	0.51	Gas	Gas
758	Jul	10049B	Snug Harbor	186 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	50682	512	0.51	Gas	Gas
759	Jul	10049C	Snug Harbor	186 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	50682	512	0.51	Gas	Gas
760	Jul	10049D	Snug Harbor	186 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	50682	352	0.51	Gas	Gas
761	Jul	10077A	Snug Harbor	19 Yardarm A	Quincy	1	National Grid	1050	700	350	51063	357	0.51	Gas	Gas
762	Jul	10077B	Snug Harbor	19 Yardarm B	Quincy	1	National Grid	1222.5	815	407.5	51063	416	0.51	Gas	Gas
763	Jul	10077C	Snug Harbor	19 Yardarm C	Quincy	1	National Grid	1222.5	815	407.5	51063	416	0.51	Gas	Gas
764	Jul	10077D	Snug Harbor	19 Yardarm D	Quincy	1	National Grid	1050	700	350	51063	357	0.51	Gas	Gas
765	Jul	10075A	Snug Harbor	191 Taffrail A	Quincy	1	National Grid	1050	700	350	51211	358	0.51	Gas	Gas
766	Jul	10075B	Snug Harbor	191 Taffrail B	Quincy	1	National Grid	1222.5	815	407.5	51211	417	0.51	Gas	Gas
767	Jul	10075C	Snug Harbor	191 Taffrail C	Quincy	1	National Grid	1222.5	815	407.5	51211	417	0.51	Gas	Gas
768	Jul	10075D	Snug Harbor	191 Taffrail D	Quincy	1	National Grid	1050	700	350	51211	358	0.51	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
769	Jul	10004A	Snug Harbor	201 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	48134	325	0.48	Gas	Gas
770	Jul	10004B	Snug Harbor	201 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	48134	485	0.48	Gas	Gas
771	Jul	10004C	Snug Harbor	201 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	48134	485	0.48	Gas	Gas
772	Jul	10004D	Snug Harbor	201 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	48134	325	0.48	Gas	Gas
773	Jul	10053A	Snug Harbor	206 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	54114	376	0.54	Gas	Gas
774	Jul	10053B	Snug Harbor	206 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	54114	547	0.54	Gas	Gas
775	Jul	10053C	Snug Harbor	206 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	54114	547	0.54	Gas	Gas
776	Jul	10053D	Snug Harbor	206 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	54114	376	0.54	Gas	Gas
777	Jul	10054A	Snug Harbor	212 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	50621	352	0.51	Gas	Gas
778	Jul	10054B	Snug Harbor	212 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	50621	511	0.51	Gas	Gas
779	Jul	10054C	Snug Harbor	212 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	50621	511	0.51	Gas	Gas
780	Jul	10054D	Snug Harbor	212 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	50621	352	0.51	Gas	Gas
781	Jul	10055A	Snug Harbor	215 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	54766	381	0.55	Gas	Gas
782	Jul	10055B	Snug Harbor	215 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	54766	553	0.55	Gas	Gas
783	Jul	10055C	Snug Harbor	215 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	54766	553	0.55	Gas	Gas
784	Jul	10055D	Snug Harbor	215 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	54766	381	0.55	Gas	Gas
785	Jul	10034A	Snug Harbor	26 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	52557	365	0.53	Gas	Gas
786	Jul	10034B	Snug Harbor	26 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	52557	531	0.53	Gas	Gas
787	Jul	10034C	Snug Harbor	26 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	52557	531	0.53	Gas	Gas
788	Jul	10034D	Snug Harbor	26 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	52557	365	0.53	Gas	Gas
789	Jul	10013A	Snug Harbor	31 Bicknell A	Quincy	1	National Grid	1042.5	695	347.5	49648	345	0.50	Gas	Gas
790	Jul	10013B	Snug Harbor	31 Bicknell B	Quincy	1	National Grid	1515	1010	505	49648	501	0.50	Gas	Gas
791	Jul	10013C	Snug Harbor	31 Bicknell C	Quincy	1	National Grid	1515	1010	505	49648	501	0.50	Gas	Gas
792	Jul	10013D	Snug Harbor	31 Bicknell D	Quincy	1	National Grid	1042.5	695	347.5	49648	345	0.50	Gas	Gas
793	Jul	10128A	Snug Harbor	31 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	53844	374	0.54	Gas	Gas
794	Jul	10128B	Snug Harbor	31 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	53844	544	0.54	Gas	Gas
795	Jul	10128C	Snug Harbor	31 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	53844	544	0.54	Gas	Gas
796	Jul	10128D	Snug Harbor	31 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	53844	374	0.54	Gas	Gas
797	Jul	9983A	Snug Harbor	32 Bicknell Lane A	Quincy	1	National Grid	1012.5	675	337.5	54872	370	0.55	Gas	Gas
798	Jul	9983B	Snug Harbor	32 Bicknell Lane B	Quincy	1	National Grid	1510.5	1007	503.5	54872	553	0.55	Gas	Gas
799	Jul	9983C	Snug Harbor	32 Bicknell Lane C	Quincy	1	National Grid	1510.5	1007	503.5	54872	553	0.55	Gas	Gas
800	Jul	9983D	Snug Harbor	32 Bicknell Lane D	Quincy	1	National Grid	1012.5	675	337.5	54872	370	0.55	Gas	Gas
801	Jul	10017A	Snug Harbor	32 Captains Walk A	Quincy	1	National Grid	1042.5	695	347.5	49221	342	0.49	Gas	Gas
802	Jul	10017B	Snug Harbor	32 Captains Walk B	Quincy	1	National Grid	1515	1010	505	49221	497	0.49	Gas	Gas
803	Jul	10017C	Snug Harbor	32 Captains Walk C	Quincy	1	National Grid	1515	1010	505	49221	497	0.49	Gas	Gas
804	Jul	10017D	Snug Harbor	32 Captains Walk D	Quincy	1	National Grid	1042.5	695	347.5	49221	342	0.49	Gas	Gas
805	Jul	10066A	Snug Harbor	32 Taffrail Road A	Quincy	1	National Grid	960	640	320	50634	324	0.51	Gas	Gas
806	Jul	10066B	Snug Harbor	32 Taffrail Road B	Quincy	1	National Grid	1576.5	1051	525.5	50634	532	0.51	Gas	Gas
807	Jul	10066C	Snug Harbor	32 Taffrail Road C	Quincy	1	National Grid	1576.5	1051	525.5	50634	532	0.51	Gas	Gas
808	Jul	10066D	Snug Harbor	32 Taffrail Road D	Quincy	1	National Grid	960	640	320	50634	324	0.51	Gas	Gas
809	Jul	10010A	Snug Harbor	32 Yardam A	Quincy	1	National Grid	1012.5	675	337.5	49929	337	0.50	Gas	Gas
810	Jul	10010B	Snug Harbor	32 Yardam B	Quincy	1	National Grid	1510.5	1007	503.5	49929	503	0.50	Gas	Gas
811	Jul	10010C	Snug Harbor	32 Yardam C	Quincy	1	National Grid	1510.5	1007	503.5	49929	503	0.50	Gas	Gas
812	Jul	10010D	Snug Harbor	32 Yardam D	Quincy	1	National Grid	1012.5	675	337.5	49929	337	0.50	Gas	Gas
813	Jul	10011A	Snug Harbor	33 Yardam A	Quincy	1	National Grid	1012.5	675	337.5	52908	357	0.53	Gas	Gas
814	Jul	10011B	Snug Harbor	33 Yardam B	Quincy	1	National Grid	1510.5	1007	503.5	52908	533	0.53	Gas	Gas
815	Jul	10011C	Snug Harbor	33 Yardam C	Quincy	1	National Grid	1510.5	1007	503.5	52908	533	0.53	Gas	Gas
816	Jul	10011D	Snug Harbor	33 Yardam D	Quincy	1	National Grid	1012.5	675	337.5	52908	357	0.53	Gas	Gas
817	Jul	10062A	Snug Harbor	357 Palmer A	Quincy	1	National Grid	960	640	320	54783	351	0.55	Gas	Gas
818	Jul	10062B	Snug Harbor	357 Palmer B	Quincy	1	National Grid	1576.5	1051	525.5	54783	576	0.55	Gas	Gas
819	Jul	10062C	Snug Harbor	357 Palmer C	Quincy	1	National Grid	1576.5	1051	525.5	54783	576	0.55	Gas	Gas
820	Jul	10062D	Snug Harbor	357 Palmer D	Quincy	1	National Grid	960	640	320	54783	351	0.55	Gas	Gas
821	Jul	10025A	Snug Harbor	369 Palmer A	Quincy	1	National Grid	1042.5	695	347.5	50829	353	0.51	Gas	Gas
822	Jul	10025B	Snug Harbor	369 Palmer B	Quincy	1	National Grid	1515	1010	505	50829	513	0.51	Gas	Gas
823	Jul	10025C	Snug Harbor	369 Palmer C	Quincy	1	National Grid	1515	1010	505	50829	513	0.51	Gas	Gas
824	Jul	10025D	Snug Harbor	369 Palmer D	Quincy	1	National Grid	1042.5	695	347.5	50829	353	0.51	Gas	Gas
825	Jul	10026A	Snug Harbor	377 Palmer A	Quincy	1	National Grid	1042.5	695	347.5	53106	369	0.53	Gas	Gas
826	Jul	10026B	Snug Harbor	377 Palmer B	Quincy	1	National Grid	1515	1010	505	53106	536	0.53	Gas	Gas
827	Jul	10026C	Snug Harbor	377 Palmer C	Quincy	1	National Grid	1515	1010	505	53106	536	0.53	Gas	Gas
828	Jul	10026D	Snug Harbor	377 Palmer D	Quincy	1	National Grid	1042.5	695	347.5	53106	369	0.53	Gas	Gas
829	Jul	10027A	Snug Harbor	391 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	49111	341	0.49	Gas	Gas
830	Jul	10027B	Snug Harbor	391 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	49111	496	0.49	Gas	Gas
831	Jul	10027C	Snug Harbor	391 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	49111	496	0.49	Gas	Gas
832	Jul	10027D	Snug Harbor	391 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	49111	341	0.49	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual Therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
833	Jul	10023A	Snug Harbor	4 Figurehead A	Quincy	1	National Grid	1042.5	695	347.5	50430	350	0.50	Gas	Gas
834	Jul	10023B	Snug Harbor	4 Figurehead B	Quincy	1	National Grid	1515	1010	505	50430	509	0.50	Gas	Gas
835	Jul	10023C	Snug Harbor	4 Figurehead C	Quincy	1	National Grid	1515	1010	505	50430	509	0.50	Gas	Gas
836	Jul	10023D	Snug Harbor	4 Figurehead D	Quincy	1	National Grid	1042.5	695	347.5	50430	350	0.50	Gas	Gas
837	Jul	10018D	Snug Harbor	40 Captains Walk D	Quincy	1	National Grid	1042.5	695	347.5	47152	328	0.47	Gas	Gas
838	Jul	10065A	Snug Harbor	436 Palmer A	Quincy	1	National Grid	960	640	320	55634	356	0.56	Gas	Gas
839	Jul	10065B	Snug Harbor	436 Palmer B	Quincy	1	National Grid	1576.5	1051	525.5	55634	585	0.56	Gas	Gas
840	Jul	10065C	Snug Harbor	436 Palmer C	Quincy	1	National Grid	1576.5	1051	525.5	55634	585	0.56	Gas	Gas
841	Jul	10065D	Snug Harbor	436 Palmer D	Quincy	1	National Grid	960	640	320	55634	356	0.56	Gas	Gas
842	Jul	10071A	Snug Harbor	445 Palmer A	Quincy	1	National Grid	1050	700	350	51618	361	0.52	Gas	Gas
843	Jul	10071B	Snug Harbor	445 Palmer B	Quincy	1	National Grid	1222.5	815	407.5	51618	421	0.52	Gas	Gas
844	Jul	10071C	Snug Harbor	445 Palmer C	Quincy	1	National Grid	1222.5	815	407.5	51618	421	0.52	Gas	Gas
845	Jul	10071D	Snug Harbor	445 Palmer D	Quincy	1	National Grid	1050	700	350	51618	361	0.52	Gas	Gas
846	Jul	10020A	Snug Harbor	50 Captains Walk A	Quincy	1	National Grid	1042.5	695	347.5	55687	387	0.56	Gas	Gas
847	Jul	10020B	Snug Harbor	50 Captains Walk B	Quincy	1	National Grid	1515	1010	505	55687	562	0.56	Gas	Gas
848	Jul	10020C	Snug Harbor	50 Captains Walk C	Quincy	1	National Grid	1515	1010	505	55687	562	0.56	Gas	Gas
849	Jul	10020D	Snug Harbor	50 Captains Walk D	Quincy	1	National Grid	1042.5	695	347.5	55687	387	0.56	Gas	Gas
850	Jul	10060A	Snug Harbor	54 Yardam A	Quincy	1	National Grid	1042.5	695	347.5	54561	379	0.55	Gas	Gas
851	Jul	10060B	Snug Harbor	54 Yardam B	Quincy	1	National Grid	1515	1010	505	54561	551	0.55	Gas	Gas
852	Jul	10060C	Snug Harbor	54 Yardam C	Quincy	1	National Grid	1515	1010	505	54561	551	0.55	Gas	Gas
853	Jul	10060D	Snug Harbor	54 Yardam D	Quincy	1	National Grid	1042.5	695	347.5	54561	379	0.55	Gas	Gas
854	Jul	10079A	Snug Harbor	56 Yardarm A	Quincy	1	National Grid	1050	700	350	54349	380	0.54	Gas	Gas
855	Jul	10079B	Snug Harbor	56 Yardarm B	Quincy	1	National Grid	1222.5	815	407.5	54349	443	0.54	Gas	Gas
856	Jul	10079C	Snug Harbor	56 Yardarm C	Quincy	1	National Grid	1222.5	815	407.5	54349	443	0.54	Gas	Gas
857	Jul	10079D	Snug Harbor	56 Yardarm D	Quincy	1	National Grid	1050	700	350	54349	380	0.54	Gas	Gas
858	Jul	10021A	Snug Harbor	64 Captains Walk A	Quincy	1	National Grid	1042.5	695	347.5	53214	370	0.53	Gas	Gas
859	Jul	10021B	Snug Harbor	64 Captains Walk B	Quincy	1	National Grid	1515	1010	505	53214	537	0.53	Gas	Gas
860	Jul	10021C	Snug Harbor	64 Captains Walk C	Quincy	1	National Grid	1515	1010	505	53214	537	0.53	Gas	Gas
861	Jul	10021D	Snug Harbor	64 Captains Walk D	Quincy	1	National Grid	1042.5	695	347.5	53214	370	0.53	Gas	Gas
862	Jul	9997A	Snug Harbor	72 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	52021	351	0.52	Gas	Gas
863	Jul	9997B	Snug Harbor	72 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	52021	524	0.52	Gas	Gas
864	Jul	9997C	Snug Harbor	72 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	52021	524	0.52	Gas	Gas
865	Jul	9997D	Snug Harbor	72 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	52021	351	0.52	Gas	Gas
866	Jul	10038A	Snug Harbor	75 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	54373	378	0.54	Gas	Gas
867	Jul	10038B	Snug Harbor	75 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	54373	549	0.54	Gas	Gas
868	Jul	10038C	Snug Harbor	75 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	54373	549	0.54	Gas	Gas
869	Jul	10038D	Snug Harbor	75 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	54373	378	0.54	Gas	Gas
870	Jul	9985A	Snug Harbor	8 Captains Walk A	Quincy	1	National Grid	1012.5	675	337.5	53389	360	0.53	Gas	Gas
871	Jul	9985B	Snug Harbor	8 Captains Walk B	Quincy	1	National Grid	1510.5	1007	503.5	53389	538	0.53	Gas	Gas
872	Jul	9985C	Snug Harbor	8 Captains Walk C	Quincy	1	National Grid	1510.5	1007	503.5	53389	538	0.53	Gas	Gas
873	Jul	9985D	Snug Harbor	8 Captains Walk D	Quincy	1	National Grid	1012.5	675	337.5	53389	360	0.53	Gas	Gas
874	Jul	9998A	Snug Harbor	80 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	53658	362	0.54	Gas	Gas
875	Jul	9998B	Snug Harbor	80 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	53658	540	0.54	Gas	Gas
876	Jul	9998C	Snug Harbor	80 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	53658	540	0.54	Gas	Gas
877	Jul	9998D	Snug Harbor	80 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	53658	362	0.54	Gas	Gas
878	Jul	10039A	Snug Harbor	81 Taffrail Road A	Quincy	1	National Grid	1042.5	695	347.5	51592	359	0.52	Gas	Gas
879	Jul	10039B	Snug Harbor	81 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	51592	521	0.52	Gas	Gas
880	Jul	10039C	Snug Harbor	81 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	51592	521	0.52	Gas	Gas
881	Jul	10039D	Snug Harbor	81 Taffrail Road D	Quincy	1	National Grid	1042.5	695	347.5	51592	359	0.52	Gas	Gas
882	Jul	10000A	Snug Harbor	89 Tarffrail Lane A	Quincy	1	National Grid	1012.5	675	337.5	56307	380	0.56	Gas	Gas
883	Jul	10000B	Snug Harbor	89 Tarffrail Lane B	Quincy	1	National Grid	1510.5	1007	503.5	56307	567	0.56	Gas	Gas
884	Jul	10000C	Snug Harbor	89 Tarffrail Lane C	Quincy	1	National Grid	1510.5	1007	503.5	56307	567	0.56	Gas	Gas
885	Jul	10000D	Snug Harbor	89 Tarffrail Lane D	Quincy	1	National Grid	1012.5	675	337.5	56307	380	0.56	Gas	Gas
886	Aug	10747	50 Taylor Street	50 Taylor St	Gloucester	6	National Grid	5696	4576	2056	54313	2485	0.54	Gas	Gas
887	Aug	1456	Charlesview Apartments	77 Stadium Way	Allston	213	National Grid	191380	190255	8000	117437	223430	1.17	Gas	Gas
888	Aug	10427A	Liberty Ave	1 Liberty Ave	Woburn	1	National Grid	1584	1056	528	51672	546	0.52	Gas	Gas
889	Aug	10451B	Liberty Ave	10 Liberty Ave	Woburn	1	National Grid	1772	1181	591	33835	400	0.34	Gas	Gas
890	Aug	10439A	Liberty Ave	11 Libery Ave	Woburn	1	National Grid	1182	788	394	30162	237	0.30	Gas	Gas
891	Aug	10439B	Liberty Ave	12 Liberty Ave	Woburn	1	National Grid	1772	1181	591	30162	356	0.30	Gas	Gas
892	Aug	10440A	Liberty Ave	13 Liberty Ave	Woburn	1	National Grid	1182	788	394	54502	429	0.55	Gas	Gas
893	Aug	10440B	Liberty Ave	14 Liberty Ave	Woburn	1	National Grid	1772	1181	591	54502	644	0.55	Gas	Gas
894	Aug	10441A	Liberty Ave	15 Liberty Ave	Woburn	1	National Grid	1182	788	394	36053	284	0.36	Gas	Gas
895	Aug	10441B	Liberty Ave	16 Liberty Ave	Woburn	1	National Grid	1772	1181	591	36053	426	0.36	Gas	Gas
896	Aug	10433A	Liberty Ave	17 Liberty Ave	Woburn	1	National Grid	1188	792	396	44638	354	0.45	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/Conditioned ft2 Annual Heating	Therms/ ft2	Heating Fuel	Hot Water Fuel
897	Aug	10433B	Liberty Ave	18 Liberty Ave	Woburn	1	National Grid	1188	792	396	46618	354	0.45	Gas	Gas
898	Aug	10442A	Liberty Ave	19 Liberty Ave	Woburn	1	National Grid	1476	984	492	46618	459	0.47	Gas	Gas
899	Aug	10427B	Liberty Ave	2 Liberty Ave	Woburn	1	National Grid	1584	1056	528	51672	546	0.52	Gas	Gas
900	Aug	10442B	Liberty Ave	20 Liberty Ave	Woburn	1	National Grid	1476	984	492	46618	459	0.47	Gas	Gas
901	Aug	10434A	Liberty Ave	21 Liberty Ave	Woburn	1	National Grid	1188	792	396	59545	472	0.60	Gas	Gas
902	Aug	10434B	Liberty Ave	22 Liberty Ave	Woburn	1	National Grid	1188	792	396	59545	472	0.60	Gas	Gas
903	Aug	10435A	Liberty Ave	23 Liberty Ave	Woburn	1	National Grid	1188	792	396	59383	470	0.59	Gas	Gas
904	Aug	10435B	Liberty Ave	24 Liberty Ave	Woburn	1	National Grid	1188	792	396	59383	470	0.59	Gas	Gas
905	Aug	10436A	Liberty Ave	25 Liberty Ave	Woburn	1	National Grid	1188	792	396	53320	422	0.53	Gas	Gas
906	Aug	10436B	Liberty Ave	26 Liberty Ave	Woburn	1	National Grid	1188	792	396	53320	422	0.53	Gas	Gas
907	Aug	10428A	Liberty Ave	27 Liberty Ave	Woburn	1	National Grid	1584	1056	528	45614	482	0.46	Gas	Gas
908	Aug	10428B	Liberty Ave	28 Liberty Ave	Woburn	1	National Grid	1584	1056	528	45614	482	0.46	Gas	Gas
909	Aug	10443A	Liberty Ave	29 Liberty Ave	Woburn	1	National Grid	1182	788	394	48460	381	0.48	Gas	Gas
910	Aug	10445A	Liberty Ave	3 Liberty Ave	Woburn	1	National Grid	1182	788	394	83495	657	0.84	Gas	Gas
911	Aug	10443B	Liberty Ave	30 Liberty Ave	Woburn	1	National Grid	1772	1181	591	48460	572	0.48	Gas	Gas
912	Aug	10444A	Liberty Ave	31 Liberty Ave	Woburn	1	National Grid	1182	788	394	49841	392	0.50	Gas	Gas
913	Aug	10444B	Liberty Ave	32 Liberty Ave	Woburn	1	National Grid	1772	1181	591	49841	589	0.50	Gas	Gas
914	Aug	10429A	Liberty Ave	33 Liberty Ave	Woburn	1	National Grid	1584	1056	528	39292	415	0.39	Gas	Gas
915	Aug	10429B	Liberty Ave	34 Liberty Ave	Woburn	1	National Grid	1584	1056	528	39292	415	0.39	Gas	Gas
916	Aug	10430A	Liberty Ave	35 Liberty Ave	Woburn	1	National Grid	1584	1056	528	41671	440	0.42	Gas	Gas
917	Aug	10430B	Liberty Ave	36 Liberty Ave	Woburn	1	National Grid	1584	1056	528	41671	440	0.42	Gas	Gas
918	Aug	10431A	Liberty Ave	37 Liberty Ave	Woburn	1	National Grid	1584	1056	528	54042	571	0.54	Gas	Gas
919	Aug	10431B	Liberty Ave	38 Liberty Ave	Woburn	1	National Grid	1584	1056	528	54042	571	0.54	Gas	Gas
920	Aug	10446A	Liberty Ave	39 Liberty Ave	Woburn	1	National Grid	1476	984	492	32431	319	0.32	Gas	Gas
921	Aug	10445B	Liberty Ave	4 Liberty Ave	Woburn	1	National Grid	1772	1181	591	83495	986	0.84	Gas	Gas
922	Aug	10446B	Liberty Ave	40 Liberty Ave	Woburn	1	National Grid	1476	984	492	32431	319	0.32	Gas	Gas
923	Aug	10447A	Liberty Ave	41 Liberty Ave	Woburn	1	National Grid	1182	788	394	29341	231	0.29	Gas	Gas
924	Aug	10447B	Liberty Ave	42 Liberty Ave	Woburn	1	National Grid	1772	1181	590.5	29341	346	0.29	Gas	Gas
925	Aug	10448A	Liberty Ave	43 Liberty Ave	Woburn	1	National Grid	1182	788	394	34853	274	0.35	Gas	Gas
926	Aug	10448B	Liberty Ave	44 Liberty Ave	Woburn	1	National Grid	1772	1181	590.5	34853	823	0.35	Gas	Gas
927	Aug	10437A	Liberty Ave	45 Liberty Ave	Woburn	1	National Grid	951	634	317	48891	310	0.49	Gas	Gas
928	Aug	10437B	Liberty Ave	46 Liberty Ave	Woburn	1	National Grid	1425	950	475	48891	465	0.49	Gas	Gas
929	Aug	10432A	Liberty Ave	47 Liberty Ave	Woburn	1	National Grid	1182	788	394	27005	228	0.27	Gas	Gas
930	Aug	10432B	Liberty Ave	48 Liberty Ave	Woburn	1	National Grid	1772	1181	590.5	27005	342	0.27	Gas	Gas
931	Aug	10449A	Liberty Ave	5 Liberty Ave	Woburn	1	National Grid	1182	788	394	34381	271	0.34	Gas	Gas
932	Aug	10449B	Liberty Ave	6 Liberty Ave	Woburn	1	National Grid	1772	1181	591	34381	406	0.34	Gas	Gas
933	Aug	10438A	Liberty Ave	7 Liberty Ave	Woburn	1	National Grid	1188	792	396	62338	494	0.62	Gas	Gas
934	Aug	10438B	Liberty Ave	8 Liberty Ave	Woburn	1	National Grid	1188	792	396	62338	494	0.62	Gas	Gas
935	Aug	10451A	Liberty Ave	9 Liberty Ave	Woburn	1	National Grid	1182	788	394	33835	266	0.34	Gas	Gas
936	Aug	9121C	Linden	100 Coleman St	Malden	1	National Grid	1482	988	494	60664	599	0.61	Gas	Gas
937	Aug	9121D	Linden	102 Coleman St	Malden	1	National Grid	1482	988	494	60664	599	0.61	Gas	Gas
938	Aug	9060A	Linden	103 Plainfield Ave	Malden	1	National Grid	1482	988	494	74941	740	0.75	Gas	Gas
939	Aug	9060B	Linden	105 Plainfield Ave	Malden	1	National Grid	1482	988	494	74941	740	0.75	Gas	Gas
940	Aug	9060C	Linden	107 Plainfield Ave	Malden	1	National Grid	1482	988	494	74941	740	0.75	Gas	Gas
941	Aug	9050A	Linden	109 Coleman St	Malden	1	National Grid	1482	988	494	59628	589	0.60	Gas	Gas
942	Aug	9060D	Linden	109 Plainfield Ave	Malden	1	National Grid	1482	988	494	74941	740	0.75	Gas	Gas
943	Aug	9050B	Linden	111 Coleman St	Malden	1	National Grid	1482	988	494	59628	589	0.60	Gas	Gas
944	Aug	9062A	Linden	111 Plainfield Ave	Malden	1	National Grid	1248	832	416	63658	530	0.64	Gas	Gas
945	Aug	9050C	Linden	113 Coleman St	Malden	1	National Grid	1482	988	494	59628	589	0.60	Gas	Gas
946	Aug	9062B	Linden	113 Plainfield Ave	Malden	1	National Grid	1248	832	416	63658	530	0.64	Gas	Gas
947	Aug	9050D	Linden	115 Coleman St	Malden	1	National Grid	1482	988	494	59628	589	0.60	Gas	Gas
948	Aug	9062C	Linden	115 Plainfield Ave	Malden	1	National Grid	1248	832	416	63658	530	0.64	Gas	Gas
949	Aug	9062D	Linden	117 Plainfield Ave	Malden	1	National Grid	1248	832	416	63658	530	0.64	Gas	Gas
950	Aug	9064A	Linden	119 Plainfield Ave	Malden	1	National Grid	1482	988	494	52817	522	0.53	Gas	Gas
951	Aug	9088A	Linden	120 Plainfield Ave	Malden	1	National Grid	1248	832	416	55874	465	0.56	Gas	Gas
952	Aug	9064B	Linden	121 Plainfield Ave	Malden	1	National Grid	1482	988	494	52817	522	0.53	Gas	Gas
953	Aug	9088B	Linden	122 Plainfield Ave	Malden	1	National Grid	1248	832	416	55874	465	0.56	Gas	Gas
954	Aug	9095A	Linden	123 Coleman St	Malden	1	National Grid	1248	832	416	58111	483	0.58	Gas	Gas
955	Aug	9064C	Linden	123 Plainfield Ave	Malden	1	National Grid	1482	988	494	52817	522	0.53	Gas	Gas
956	Aug	9088C	Linden	124 Plainfield Ave	Malden	1	National Grid	1248	832	416	55874	465	0.56	Gas	Gas
957	Aug	9095B	Linden	125 Coleman St	Malden	1	National Grid	1248	832	416	58111	483	0.58	Gas	Gas
958	Aug	9064D	Linden	125 Plainfield Ave	Malden	1	National Grid	1482	988	494	52817	522	0.53	Gas	Gas
959	Aug	9088D	Linden	126 Plainfield Ave	Malden	1	National Grid	1248	832	416	55874	465	0.56	Gas	Gas
960	Aug	9095C	Linden	127 Coleman St	Malden	1	National Grid	1248	832	416	58111	483	0.58	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual Therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
961	Aug	9086A	Linden	128 Plainfield Ave	Malden	1	National Grid	1482	988	494	68001	672	0.68	Gas	Gas
962	Aug	9095D	Linden	129 Coleman St	Malden	1	National Grid	1248	832	416	58111	483	0.58	Gas	Gas
963	Aug	9086B	Linden	130 Plainfield Ave	Malden	1	National Grid	1482	988	494	68001	672	0.68	Gas	Gas
964	Aug	9086C	Linden	132 Plainfield Ave	Malden	1	National Grid	1482	988	494	68001	672	0.68	Gas	Gas
965	Aug	9086D	Linden	134 Plainfield Ave	Malden	1	National Grid	1482	988	494	68001	672	0.68	Gas	Gas
966	Aug	9112A	Linden	136 Coleman St	Malden	1	National Grid	1482	988	494	65113	643	0.65	Gas	Gas
967	Aug	9085A	Linden	136 Plainfield Ave	Malden	1	National Grid	1248	832	416	59159	492	0.59	Gas	Gas
968	Aug	9112B	Linden	138 Coleman St	Malden	1	National Grid	1482	988	494	65113	643	0.65	Gas	Gas
969	Aug	9085B	Linden	138 Plainfield Ave	Malden	1	National Grid	1248	832	416	59159	492	0.59	Gas	Gas
970	Aug	9096A	Linden	139 Coleman St	Malden	1	National Grid	1482	988	494	65054	643	0.65	Gas	Gas
971	Aug	9112C	Linden	140 Coleman St	Malden	1	National Grid	1482	988	494	65113	643	0.65	Gas	Gas
972	Aug	9085C	Linden	140 Plainfield Ave	Malden	1	National Grid	1248	832	416	59159	492	0.59	Gas	Gas
973	Aug	9096B	Linden	141 Coleman St	Malden	1	National Grid	1482	988	494	65054	643	0.65	Gas	Gas
974	Aug	9065A	Linden	141 Plainfield Ave	Malden	1	National Grid	1482	988	494	61480	607	0.61	Gas	Gas
975	Aug	9112D	Linden	142 Coleman St	Malden	1	National Grid	1482	988	494	65113	643	0.65	Gas	Gas
976	Aug	9085D	Linden	142 Plainfield Ave	Malden	1	National Grid	1248	832	416	59159	492	0.59	Gas	Gas
977	Aug	9096C	Linden	143 Coleman St	Malden	1	National Grid	1482	988	494	65054	643	0.65	Gas	Gas
978	Aug	9065B	Linden	143 Plainfield Ave	Malden	1	National Grid	1482	988	494	61480	607	0.61	Gas	Gas
979	Aug	9096D	Linden	145 Coleman St	Malden	1	National Grid	1482	988	494	65054	643	0.65	Gas	Gas
980	Aug	9065C	Linden	145 Plainfield Ave	Malden	1	National Grid	1482	988	494	61480	607	0.61	Gas	Gas
981	Aug	9065D	Linden	147 Plainfield Ave	Malden	1	National Grid	1482	988	494	61480	607	0.61	Gas	Gas
982	Aug	9110A	Linden	152 Coleman St	Malden	1	National Grid	1482	988	494	61711	610	0.62	Gas	Gas
983	Aug	9110B	Linden	154 Coleman St	Malden	1	National Grid	1482	988	494	61711	610	0.62	Gas	Gas
984	Aug	9110C	Linden	156 Coleman St	Malden	1	National Grid	1482	988	494	61711	610	0.62	Gas	Gas
985	Aug	9110D	Linden	158 Coleman St	Malden	1	National Grid	1482	988	494	61711	610	0.62	Gas	Gas
986	Aug	9118A	Linden	20 Plainfield Ave	Malden	1	National Grid	1248	832	416	56383	469	0.56	Gas	Gas
987	Aug	9118B	Linden	22 Plainfield Ave	Malden	1	National Grid	1248	832	416	56383	469	0.56	Gas	Gas
988	Aug	9118C	Linden	24 Plainfield Ave	Malden	1	National Grid	1248	832	416	56383	469	0.56	Gas	Gas
989	Aug	9118D	Linden	26 Plainfield Ave	Malden	1	National Grid	1248	832	416	56383	469	0.56	Gas	Gas
990	Aug	9117A	Linden	28 Plainfield Ave	Malden	1	National Grid	1248	832	416	63115	525	0.63	Gas	Gas
991	Aug	9117B	Linden	30 Plainfield Ave	Malden	1	National Grid	1248	832	416	63115	525	0.63	Gas	Gas
992	Aug	9117C	Linden	32 Plainfield Ave	Malden	1	National Grid	1248	832	416	63115	525	0.63	Gas	Gas
993	Aug	9117D	Linden	34 Plainfield Ave	Malden	1	National Grid	1248	832	416	63115	525	0.63	Gas	Gas
994	Aug	9116A	Linden	36 Plainfield Ave	Malden	1	National Grid	1482	988	494	43117	426	0.43	Gas	Gas
995	Aug	9116B	Linden	38 Plainfield Ave	Malden	1	National Grid	1482	988	494	43117	426	0.43	Gas	Gas
996	Aug	9116C	Linden	40 Plainfield Ave	Malden	1	National Grid	1482	988	494	43117	426	0.43	Gas	Gas
997	Aug	9116D	Linden	42 Plainfield Ave	Malden	1	National Grid	1482	988	494	43117	426	0.43	Gas	Gas
998	Aug	9114A	Linden	44 Plainfield Ave	Malden	1	National Grid	1482	988	494	66758	660	0.67	Gas	Gas
999	Aug	9114B	Linden	46 Plainfield Ave	Malden	1	National Grid	1482	988	494	66758	660	0.67	Gas	Gas
1000	Aug	9114C	Linden	48 Plainfield Ave	Malden	1	National Grid	1482	988	494	66758	660	0.67	Gas	Gas
1001	Aug	9114D	Linden	50 Plainfield Ave	Malden	1	National Grid	1482	988	494	66758	660	0.67	Gas	Gas
1002	Aug	9113A	Linden	58 Plainfield Ave	Malden	1	National Grid	1482	988	494	53244	526	0.53	Gas	Gas
1003	Aug	9113B	Linden	60 Plainfield Ave	Malden	1	National Grid	1482	988	494	53244	526	0.53	Gas	Gas
1004	Aug	9113C	Linden	62 Plainfield Ave	Malden	1	National Grid	1482	988	494	53244	526	0.53	Gas	Gas
1005	Aug	9113D	Linden	64 Plainfield Ave	Malden	1	National Grid	1482	988	494	53244	526	0.53	Gas	Gas
1006	Aug	9121A	Linden	96 Coleman St	Malden	1	National Grid	1482	988	494	60664	599	0.61	Gas	Gas
1007	Aug	9121B	Linden	98 Coleman St	Malden	1	National Grid	1482	988	494	60664	599	0.61	Gas	Gas
1008	Aug	11029	Mystic View Apts	Bldg 1	Somerville	36	National Grid	40000	30000	11300	96348	28904	0.96	Gas	Gas
1009	Aug	11030	Mystic View Apts	Bldg 2	Somerville	36	National Grid	40000	30000	11300	96348	28904	0.96	Gas	Gas
1010	Aug	11031	Mystic View Apts	Bldg 3	Somerville	36	National Grid	40000	30000	11300	96348	28904	0.96	Gas	Gas
1011	Aug	11036	Mystic View Apts	Bldg 4	Somerville	36	National Grid	40000	30000	11300	96348	28904	0.96	Gas	Gas
1012	Aug	11038	Mystic View Apts	Bldg 5	Somerville	35	National Grid	40000	30000	12100	96348	28904	0.96	Gas	Gas
1013	Aug	11039	Mystic View Apts	Bldg 6	Somerville	36	National Grid	40000	30000	11300	96348	28904	0.96	Gas	Gas
1014	Aug	11040	Mystic View Apts	Bldg 7	Somerville	1	National Grid	5050	5050	5000	72261	3649	0.72	Gas	Gas
1015	Aug	10236	New Merrimack St Apts	444, 452, and 464 Merrimack St	Lowell	12	National Grid	24045	24045	8875	27313	6567	0.38	Gas	Gas
1016	Aug	10069A	Snug Harbor	105 Taffrail Road A	Quincy	1	National Grid	960	640	320	59154	379	0.59	Gas	Gas
1017	Aug	10069B	Snug Harbor	105 Taffrail Road B	Quincy	1	National Grid	1577	1051	526	59154	622	0.59	Gas	Gas
1018	Aug	10069C	Snug Harbor	105 Taffrail Road C	Quincy	1	National Grid	1577	1051	526	59154	622	0.59	Gas	Gas
1019	Aug	10069D	Snug Harbor	105 Taffrail Road D	Quincy	1	National Grid	960	640	320	59154	379	0.59	Gas	Gas
1020	Aug	10032A	Snug Harbor	11 Taffrail Road A	Quincy	1	National Grid	1043	695	348	56545	393	0.57	Gas	Gas
1021	Aug	10032B	Snug Harbor	11 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	56545	571	0.57	Gas	Gas
1022	Aug	10032C	Snug Harbor	11 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	56545	571	0.57	Gas	Gas
1023	Aug	10032D	Snug Harbor	11 Taffrail Road D	Quincy	1	National Grid	1043	695	348	56545	393	0.57	Gas	Gas
1024	Aug	10002A	Snug Harbor	120 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	59566	402	0.60	Gas	Gas

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1025	Aug	10002B	Snug Harbor	120 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	59566	600	0.60	Gas	Gas
1026	Aug	10002C	Snug Harbor	120 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	59566	600	0.60	Gas	Gas
1027	Aug	10002D	Snug Harbor	120 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	59566	402	0.60	Gas	Gas
1028	Aug	10046A	Snug Harbor	168 Taffrail Road A	Quincy	1	National Grid	1043	695	348	60391	420	0.60	Gas	Gas
1029	Aug	10046B	Snug Harbor	168 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	60391	610	0.60	Gas	Gas
1030	Aug	10046C	Snug Harbor	168 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	60391	610	0.60	Gas	Gas
1031	Aug	10046D	Snug Harbor	168 Taffrail Road D	Quincy	1	National Grid	1043	695	348	60391	420	0.60	Gas	Gas
1032	Aug	10006A	Snug Harbor	224 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	59190	400	0.59	Gas	Gas
1033	Aug	10006B	Snug Harbor	224 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	59190	596	0.59	Gas	Gas
1034	Aug	10006C	Snug Harbor	224 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	59190	596	0.59	Gas	Gas
1035	Aug	10006D	Snug Harbor	224 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	59190	400	0.59	Gas	Gas
1036	Aug	10078A	Snug Harbor	26 Yardarm A	Quincy	1	National Grid	1050	700	350	59815	419	0.60	Gas	Gas
1037	Aug	10078B	Snug Harbor	26 Yardarm B	Quincy	1	National Grid	1223	815	408	59815	487	0.60	Gas	Gas
1038	Aug	10035A	Snug Harbor	30 Taffrail Road A	Quincy	1	National Grid	1043	695	348	57198	398	0.57	Gas	Gas
1039	Aug	10035B	Snug Harbor	30 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	57198	578	0.57	Gas	Gas
1040	Aug	10035C	Snug Harbor	30 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	57198	578	0.57	Gas	Gas
1041	Aug	10035D	Snug Harbor	30 Taffrail Road D	Quincy	1	National Grid	1043	695	348	57198	398	0.57	Gas	Gas
1042	Aug	9979A	Snug Harbor	34 Figurehead A	Quincy	1	National Grid	960	640	320	57563	368	0.58	Gas	Gas
1043	Aug	9979B	Snug Harbor	34 Figurehead B	Quincy	1	National Grid	1577	1051	526	57563	605	0.58	Gas	Gas
1044	Aug	9979C	Snug Harbor	34 Figurehead C	Quincy	1	National Grid	1577	1051	526	57563	605	0.58	Gas	Gas
1045	Aug	9979D	Snug Harbor	34 Figurehead D	Quincy	1	National Grid	960	640	320	57563	368	0.58	Gas	Gas
1046	Aug	10036A	Snug Harbor	36 Taffrail Road A	Quincy	1	National Grid	1043	695	348	59333	412	0.59	Gas	Gas
1047	Aug	10036B	Snug Harbor	36 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	59333	599	0.59	Gas	Gas
1048	Aug	10036C	Snug Harbor	36 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	59333	599	0.59	Gas	Gas
1049	Aug	10036D	Snug Harbor	36 Taffrail Road D	Quincy	1	National Grid	1043	695	348	59333	412	0.59	Gas	Gas
1050	Aug	10037A	Snug Harbor	38 Taffrail Road A	Quincy	1	National Grid	1043	695	348	56591	393	0.57	Gas	Gas
1051	Aug	10037B	Snug Harbor	38 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	56591	572	0.57	Gas	Gas
1052	Aug	10037C	Snug Harbor	38 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	56591	572	0.57	Gas	Gas
1053	Aug	10037D	Snug Harbor	38 Taffrail Road D	Quincy	1	National Grid	1043	695	348	56591	393	0.57	Gas	Gas
1054	Aug	9993A	Snug Harbor	4 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	58591	395	0.59	Gas	Gas
1055	Aug	9993B	Snug Harbor	4 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	58591	590	0.59	Gas	Gas
1056	Aug	9993C	Snug Harbor	4 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	58591	590	0.59	Gas	Gas
1057	Aug	9993D	Snug Harbor	4 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	58591	395	0.59	Gas	Gas
1058	Aug	10059A	Snug Harbor	52 Yardam A	Quincy	1	National Grid	1043	695	348	58311	405	0.58	Gas	Gas
1059	Aug	10059B	Snug Harbor	52 Yardam B	Quincy	1	National Grid	1515	1010	505	58311	589	0.58	Gas	Gas
1060	Aug	10059C	Snug Harbor	52 Yardam C	Quincy	1	National Grid	1515	1010	505	58311	589	0.58	Gas	Gas
1061	Aug	10059D	Snug Harbor	52 Yardam D	Quincy	1	National Grid	1043	695	348	58311	405	0.58	Gas	Gas
1062	Aug	11966	South End Coop	159 W Springfield St	Boston	10	National Grid	11160	9300	3720	77610	7218	0.78	Gas	Gas
1063	Sep	9221	Allencrest	Maintenance Garage (136 Viscoloid Ave)	Leominster	1	National Grid	1000	1000	999	29600	296	0.30	Gas	Gas
1064	Sep	11299	Blue Elm Apartments	102 Elm Hill Ave	Boston	6	National Grid	11975	9314	4197	91015	8477	0.91	Gas	Gas
1065	Sep	11300	Blue Elm Apartments	104 Elm Hill Ave	Boston	6	National Grid	12027	9354	4215	91020	8514	0.91	Gas	Gas
1066	Sep	11301	Blue Elm Apartments	108 Elm Hill Ave	Boston	3	National Grid	7000	5444	2453	91024	4955	0.91	Gas	Gas
1067	Sep	11302	Blue Elm Apartments	114 Elm Hill Ave	Boston	6	National Grid	6628	5155	2323	96509	4975	0.97	Gas	Gas
1068	Sep	11303	Blue Elm Apartments	116 Elm Hill Ave	Boston	6	National Grid	11488	8935	4026	96508	8623	0.97	Gas	Gas
1069	Sep	11304	Blue Elm Apartments	118 Elm Hill Ave	Boston	6	National Grid	11216	8724	3931	96502	8419	0.97	Gas	Gas
1070	Sep	11274	Blue Elm Apartments	260 Seaver St	Boston	20	National Grid	20005	15559	7011	105846	16469	1.06	Gas	Gas
1071	Sep	11281	Blue Elm Apartments	300 Seaver St	Boston	6	National Grid	10972	8534	3845	84730	7231	0.85	Gas	Gas
1072	Sep	11283	Blue Elm Apartments	304 Seaver St	Boston	6	National Grid	10080	7840	3533	84732	6643	0.85	Gas	Gas
1073	Sep	11284	Blue Elm Apartments	504 Blue Hill Ave	Boston	14	National Grid	16826	13087	5897	88425	11572	0.88	Gas	Gas
1074	Sep	11288	Blue Elm Apartments	516 Blue Hill Ave	Boston	14	National Grid	15991	12437	5604	90001	11193	0.90	Gas	Gas
1075	Sep	11289	Blue Elm Apartments	522 Blue Hill Ave	Boston	14	National Grid	16105	12526	5644	89998	11273	0.90	Gas	Gas
1076	Sep	11290	Blue Elm Apartments	528 Blue Hill Ave	Boston	14	National Grid	16121	12539	5650	89994	11284	0.90	Gas	Gas
1077	Sep	11291	Blue Elm Apartments	534 Blue Hill Ave	Boston	14	National Grid	15582	12119	5461	90000	10907	0.90	Gas	Gas
1078	Sep	11295	Blue Elm Apartments	575 Blue Hill Ave	Boston	10	National Grid	16010	12452	5611	84734	10551	0.85	Gas	Gas
1079	Sep	11296	Blue Elm Apartments	9 Hutchings St	Boston	11	National Grid	14860	11558	5208	97837	11308	0.98	Gas	Gas
1080	Sep	9675	Cabot Street Homes	321 Cabot Street	Beverly	11	National Grid	8174	7295	5081	42514	3101	0.43	Gas	Gas
1081	Sep	11413A	Camfield Estates	100 Camden St	Boston	3	National Grid	2520	1680	840	148000	2486	1.48	Gas	Gas
1082	Sep	11413B	Camfield Estates	102 Camden St	Boston	3	National Grid	2790	1860	930	148000	2753	1.48	Gas	Gas
1083	Sep	11413C	Camfield Estates	104A Camden St	Boston	1	National Grid	1163	775	388	148000	1147	1.48	Gas	Gas
1084	Sep	11413D	Camfield Estates	104B Camden St	Boston	1	National Grid	1163	775	388	148000	1147	1.48	Gas	Gas
1085	Sep	11413E	Camfield Estates	106A Camden St	Boston	1	National Grid	1355	903	452	148000	1336	1.48	Gas	Gas
1086	Sep	11413F	Camfield Estates	106B Camden St	Boston	1	National Grid	1163	775	388	148000	1147	1.48	Gas	Gas
1087	Sep	11416A	Camfield Estates	108 Camden St	Boston	3	National Grid	2790	1860	930	130000	2418	1.30	Gas	Gas
1088	Sep	11416B	Camfield Estates	110A Camden St	Boston	1	National Grid	1163	775	388	130000	1008	1.30	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual Therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1089	Sep	11416C	Camfield Estates	110B Camden St	Boston	1	National Grid	1020	680	340	130000	884	1.30	Gas	Gas
1090	Sep	11416D	Camfield Estates	112 Camden St	Boston	3	National Grid	3125	2083	1042	130000	2708	1.30	Gas	Gas
1091	Sep	11417A	Camfield Estates	114A Camden St	Boston	1	National Grid	1163	775	388	130000	1008	1.30	Gas	Gas
1092	Sep	11417B	Camfield Estates	114B Camden St	Boston	1	National Grid	1163	775	388	130000	1008	1.30	Gas	Gas
1093	Sep	11417C	Camfield Estates	116A Camden St	Boston	1	National Grid	1020	680	340	130000	884	1.30	Gas	Gas
1094	Sep	11417D	Camfield Estates	116B Camden St	Boston	1	National Grid	1355	903	452	130000	1174	1.30	Gas	Gas
1095	Sep	11417E	Camfield Estates	118 Camden St	Boston	3	National Grid	2790	1860	930	130000	2418	1.30	Gas	Gas
1096	Sep	11417F	Camfield Estates	120 Camden St	Boston	3	National Grid	2520	1680	840	130000	2184	1.30	Gas	Gas
1097	Sep	11403A	Camfield Estates	59A Lenox St	Boston	1	National Grid	1163	775	388	128000	992	1.28	Gas	Gas
1098	Sep	11403B	Camfield Estates	59B Lenox St	Boston	1	National Grid	1355	903	452	128000	1156	1.28	Gas	Gas
1099	Sep	11403C	Camfield Estates	61A Lenox St	Boston	1	National Grid	1163	775	388	128000	992	1.28	Gas	Gas
1100	Sep	11403D	Camfield Estates	61B Lenox St	Boston	1	National Grid	1355	903	452	128000	1156	1.28	Gas	Gas
1101	Sep	11403E	Camfield Estates	63A Lenox St	Boston	1	National Grid	1355	903	452	128000	1156	1.28	Gas	Gas
1102	Sep	11403F	Camfield Estates	63B Lenox St	Boston	1	National Grid	1163	775	388	128000	992	1.28	Gas	Gas
1103	Sep	11403G	Camfield Estates	65A Lenox St	Boston	1	National Grid	1163	775	388	128000	992	1.28	Gas	Gas
1104	Sep	11403H	Camfield Estates	65B Lenox St	Boston	1	National Grid	1355	903	452	128000	1156	1.28	Gas	Gas
1105	Sep	11403I	Camfield Estates	67A Lenox St	Boston	1	National Grid	1163	775	388	128000	992	1.28	Gas	Gas
1106	Sep	11403J	Camfield Estates	67B Lenox St	Boston	1	National Grid	1355	903	452	128000	1156	1.28	Gas	Gas
1107	Sep	11403K	Camfield Estates	69A Lenox St	Boston	1	National Grid	1020	680	340	128000	870	1.28	Gas	Gas
1108	Sep	11403L	Camfield Estates	69B Lenox St	Boston	1	National Grid	1355	903	452	128000	1156	1.28	Gas	Gas
1109	Sep	11403M	Camfield Estates	71 Lenox St	Boston	3	National Grid	3267	2178	1089	128000	2788	1.28	Gas	Gas
1110	Sep	11403N	Camfield Estates	73 Lenox St	Boston	3	National Grid	3395	2263	1132	128000	2897	1.28	Gas	Gas
1111	Sep	11407A	Camfield Estates	74 Camden St	Boston	3	National Grid	2250	1500	750	141000	2115	1.41	Gas	Gas
1112	Sep	11404A	Camfield Estates	75A Lenox St	Boston	1	National Grid	1355	903	452	152000	1373	1.52	Gas	Gas
1113	Sep	11404B	Camfield Estates	75B Lenox St	Boston	1	National Grid	1020	680	340	152000	1034	1.52	Gas	Gas
1114	Sep	11407B	Camfield Estates	76 Camden St	Boston	3	National Grid	3125	2083	1042	141000	2937	1.41	Gas	Gas
1115	Sep	11404C	Camfield Estates	77A Lenox St	Boston	1	National Grid	1355	903	452	152000	1373	1.52	Gas	Gas
1116	Sep	11404D	Camfield Estates	77B Lenox St	Boston	1	National Grid	1163	775	388	152000	1178	1.52	Gas	Gas
1117	Sep	11407C	Camfield Estates	78A Camden St	Boston	1	National Grid	1355	903	452	141000	1273	1.41	Gas	Gas
1118	Sep	11407D	Camfield Estates	78B Camden St	Boston	1	National Grid	1355	903	452	141000	1273	1.41	Gas	Gas
1119	Sep	11404E	Camfield Estates	79A Lenox St	Boston	1	National Grid	1020	680	340	152000	1034	1.52	Gas	Gas
1120	Sep	11404F	Camfield Estates	79B Lenox St	Boston	1	National Grid	1020	680	340	152000	1034	1.52	Gas	Gas
1121	Sep	11407E	Camfield Estates	80A Camden St	Boston	1	National Grid	1355	903	452	141000	1273	1.41	Gas	Gas
1122	Sep	11407F	Camfield Estates	80B Camden St	Boston	1	National Grid	1163	775	388	141000	1093	1.41	Gas	Gas
1123	Sep	11404G	Camfield Estates	81 Lenox St	Boston	3	National Grid	2933	1955	978	152000	2972	1.52	Gas	Gas
1124	Sep	11408A	Camfield Estates	82A Camden St	Boston	1	National Grid	1020	680	340	141000	959	1.41	Gas	Gas
1125	Sep	11408B	Camfield Estates	82B Camden St	Boston	1	National Grid	1020	680	340	141000	959	1.41	Gas	Gas
1126	Sep	11408C	Camfield Estates	82C Camden St	Boston	1	National Grid	1020	680	340	141000	959	1.41	Gas	Gas
1127	Sep	11404H	Camfield Estates	83 Lenox St	Boston	3	National Grid	2933	1955	978	152000	2972	1.52	Gas	Gas
1128	Sep	11408D	Camfield Estates	84A Camden St	Boston	1	National Grid	1355	903	452	141000	1273	1.41	Gas	Gas
1129	Sep	11408E	Camfield Estates	84B Camden St	Boston	1	National Grid	750	500	250	141000	705	1.41	Gas	Gas
1130	Sep	11408F	Camfield Estates	84C Camden St	Boston	1	National Grid	1020	680	340	141000	959	1.41	Gas	Gas
1131	Sep	11410A	Camfield Estates	86A Camden St	Boston	1	National Grid	1355	903	452	86600	782	0.87	Gas	Gas
1132	Sep	11410B	Camfield Estates	86B Camden St	Boston	1	National Grid	1163	775	388	86600	671	0.87	Gas	Gas
1133	Sep	11406A	Camfield Estates	87 Lenox St	Boston	3	National Grid	2520	1680	840	158000	2654	1.58	Gas	Gas
1134	Sep	11410C	Camfield Estates	88A Camden St	Boston	1	National Grid	1163	775	388	86600	671	0.87	Gas	Gas
1135	Sep	11410D	Camfield Estates	88B Camden St	Boston	1	National Grid	1020	680	340	86600	589	0.87	Gas	Gas
1136	Sep	11406B	Camfield Estates	89 Lenox St	Boston	3	National Grid	3345	2230	1115	158000	3523	1.58	Gas	Gas
1137	Sep	11410E	Camfield Estates	90 Camden St	Boston	3	National Grid	2790	1860	930	86600	1611	0.87	Gas	Gas
1138	Sep	11406C	Camfield Estates	91A Lenox St	Boston	1	National Grid	1020	680	340	158000	1074	1.58	Gas	Gas
1139	Sep	11406D	Camfield Estates	91B Lenox St	Boston	1	National Grid	1355	903	452	158000	1427	1.58	Gas	Gas
1140	Sep	11410F	Camfield Estates	92 Camden St	Boston	3	National Grid	2520	1680	840	86600	1455	0.87	Gas	Gas
1141	Sep	11406E	Camfield Estates	93A Lenox St	Boston	1	National Grid	1020	680	340	158000	1074	1.58	Gas	Gas
1142	Sep	11406F	Camfield Estates	93B Lenox St	Boston	1	National Grid	1163	775	388	158000	1225	1.58	Gas	Gas
1143	Sep	11412A	Camfield Estates	94A Camden St	Boston	1	National Grid	1355	903	452	148000	1336	1.48	Gas	Gas
1144	Sep	11412B	Camfield Estates	94B Camden St	Boston	1	National Grid	1020	680	340	148000	1006	1.48	Gas	Gas
1145	Sep	11406G	Camfield Estates	95A Lenox St	Boston	1	National Grid	1355	903	452	158000	1427	1.58	Gas	Gas
1146	Sep	11406H	Camfield Estates	95B Lenox St	Boston	1	National Grid	1355	903	452	158000	1427	1.58	Gas	Gas
1147	Sep	11412C	Camfield Estates	96A Camden St	Boston	1	National Grid	1163	775	388	148000	1147	1.48	Gas	Gas
1148	Sep	11412D	Camfield Estates	96B Camden St	Boston	1	National Grid	1355	903	452	148000	1336	1.48	Gas	Gas
1149	Sep	11412E	Camfield Estates	98A Camden St	Boston	1	National Grid	1163	775	388	148000	1147	1.48	Gas	Gas
1150	Sep	11412F	Camfield Estates	98B Camden St	Boston	1	National Grid	1163	775	388	148000	1147	1.48	Gas	Gas
1151	Sep	8677	Casas	10 Upton St	Boston	3	National Grid	2594	2594	440	103893	2695	1.04	Gas	Gas
1152	Sep	8679	Casas	328 Shawmut ave	Boston	4	National Grid	4760	4760	1088	51539	2453	0.52	Gas	Gas

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1153	Sep	8680	Casas	330 Shawmut ave	Boston	4	National Grid	4760	4760	1088	78412	2565	0.54	Gas	Gas
1154	Sep	8681	Casas	334 Shawmut ave	Boston	4	National Grid	4760	4760	1088	65489	3117	0.65	Gas	Gas
1155	Sep	8682	Casas	401 Shawmut ave	Boston	4	National Grid	3680	3680	492	154598	5689	1.55	Gas	Gas
1156	Sep	8678	Casas	628-630 Tremont st	Boston	10	National Grid	17353	17353	6026	63995	11105	0.64	Gas	Gas
1157	Sep	8676	Casas	638 Tremont St	Boston	3	National Grid	4920	4920	906	78412	3858	0.78	Gas	Gas
1158	Sep	8683	Casas	75 West Brookline	Boston	2	National Grid	3713	2970	863	52253	1552	0.52	Gas	Gas
1159	Sep	8684	Casas	79 West Brookline	Boston	2	National Grid	2970	2970	120	78543	2333	0.79	Gas	Gas
1160	Sep	1367	Christopher Columbus Plaza	145 Commercial Street	Boston	151	National Grid	174895	145750	29145	45402	66173	0.45	Gas	Gas
1161	Sep	11424	Commerce Apartments	202, 206, 208 Warren St	Boston	10	National Grid	9610	7380	3710	110412	8148	1.10	Gas	Gas
1162	Sep	11429	Commerce Apartments	3 Maywood St	Boston	3	National Grid	4000	3000	1600	101753	3053	1.02	Gas	Gas
1163	Sep	11432	Commerce Apartments	3115-3125 Washington St	Boston	12	National Grid	26000	20800	13520	63638	13237	0.64	Gas	Gas
1164	Sep	11430	Commerce Apartments	374-378 Warren St	Boston	9	National Grid	17100	13680	8900	95393	13050	0.95	Gas	Gas
1165	Sep	11431	Commerce Apartments	48 Elm Hill Ave	Boston	8	National Grid	12800	9400	4640	93276	8768	0.93	Gas	Gas
1166	Sep	11433	Commerce Apartments	85 Dale St	Boston	18	National Grid	16000	12800	5760	98917	12661	0.99	Gas	Gas
1167	Sep	10689	Congregational Retirement Homes	Fuller House	Melrose	114	National Grid	80174	80174	21464	49836	39955	0.50	Gas	Gas
1168	Sep	10691	Congregational Retirement Homes	Jonathan Cochrane	Melrose	100	National Grid	95500	89360	44000	53260	47593	0.53	Gas	Gas
1169	Sep	10688	Congregational Retirement Homes	Levi Gould	Melrose	104	National Grid	61614	61614	16547	49836	30706	0.50	Gas	Gas
1170	Sep	11396	Fieldstone	907 Blue Hill Avenue	Boston	27	National Grid	30000	30000	10000	53095	15928	0.53	Gas	Gas
1171	Sep	11397	Fieldstone	911-917 Blue Hill Avenue	Boston	20	National Grid	24000	18000	12000	55292	9953	0.55	Gas	Gas
1172	Sep	11398	Fieldstone	929 Blue Hill Ave	Boston	9	National Grid	16000	12000	8000	55369	6644	0.55	Gas	Gas
1173	Sep	11399	Fieldstone	935-939 Blue Hill Avenue	Boston	17	National Grid	24000	18000	12000	48923	8806	0.49	Gas	Gas
1174	Sep	11400	Fieldstone	955 Blue Hill Avenue	Boston	11	National Grid	16000	12000	8000	51531	6184	0.52	Gas	Gas
1175	Sep	7876	Franklin Highland	11 Brookledge St	Dorchester	10	National Grid	12969	12969	2428	67298	8728	0.67	Gas	Gas
1176	Sep	7868	Franklin Highland	124-128 Ruthven St	Dorchester	12	National Grid	16357	12145	5667	89956	10925	0.90	Gas	Gas
1177	Sep	7877	Franklin Highland	125 Homestead St	Dorchester	6	National Grid	12677	8830	5007	88917	7851	0.89	Gas	Gas
1178	Sep	7878	Franklin Highland	144 Seaver St	Dorchester	12	National Grid	14485	14485	2735	57227	8289	0.57	Gas	Gas
1179	Sep	7879	Franklin Highland	148 Seaver St	Dorchester	12	National Grid	14757	14757	2735	57227	8445	0.57	Gas	Gas
1180	Sep	7866	Franklin Highland	154 Seaver St	Dorchester	21	National Grid	27604	27604	4546	59546	16437	0.60	Gas	Gas
1181	Sep	7874	Franklin Highland	155-157 Homestead St	Dorchester	6	National Grid	12677	8830	4697	87353	7713	0.87	Gas	Gas
1182	Sep	7873	Franklin Highland	162 Seaver St	Dorchester	29	National Grid	26023	26023	5079	65043	16926	0.65	Gas	Gas
1183	Sep	7880	Franklin Highland	180 Seaver St	Boston	12	National Grid	19123	17760	1821	50004	8881	0.50	Gas	Gas
1184	Sep	7881	Franklin Highland	184 Seaver St	Boston	11	National Grid	16870	15688	1747	49938	7834	0.50	Gas	Gas
1185	Sep	7871	Franklin Highland	278-280 Humbolt Ave	Dorchester	24	National Grid	29706	25542	6412	69386	17723	0.69	Gas	Gas
1186	Sep	7875	Franklin Highland	32 Seaver St	boston	16	National Grid	11973	10571	2023	134144	14180	1.34	Gas	Gas
1187	Sep	7872	Franklin Highland	45-51 Brookledge St	Boston	23	National Grid	25939	25939	2804	72463	18796	0.72	Gas	Gas
1188	Sep	7869	Franklin Highland	63-67 Brookledge St	Dorchester	24	National Grid	28471	28471	5392	54370	15480	0.54	Gas	Gas
1189	Sep	7867	Franklin Highland	79-83 Hutchings St	Dorchester	12	National Grid	15311	12208	3851	97628	11918	0.98	Gas	Gas
1190	Sep	1395	Humboldt Apartments	51 Humboldt Avenue	Roxbury	22	National Grid	24559	21809	10752	75148	16389	0.75	Gas	Gas
1191	Sep	3298	haica Plain Scattered Sites Cooperat	69 Walden St	Boston	3	National Grid	4028	3021	1502	111329	3363	1.11	Gas	Gas
1192	Sep	3618	haica Plain Scattered Sites Cooperat	76-78 Spring Park	Jamaica Plain	6	National Grid	11439	8415	4298	55328	4656	0.55	Gas	Gas
1193	Sep	10752	Leisure Towers	10 Farrar St	Lynn	180	National Grid	122609	122609	28809	46152	56586	0.46	Gas	Gas
1194	Sep	11252	Lowell Belvidere Housing	144 High St	Lowell	3	National Grid	4640	4640	2310	61818	2868	0.62	Gas	Gas
1195	Sep	11253	Lowell Belvidere Housing	148 High St., 50 Chestnut St., 35 Ash St.	Lowell	12	National Grid	13140	13140	3774	50119	6586	0.50	Gas	Gas
1196	Sep	11254	Lowell Belvidere Housing	168 High St., 53 Chestnut St.	Lowell	10	National Grid	12033	12033	5074	41570	5002	0.42	Gas	Gas
1197	Sep	11246	Lowell Belvidere Housing	22 Pleasant St	Lowell	6	National Grid	5477	5477	1640	55765	3054	0.56	Gas	Gas
1198	Sep	11257	Lowell Belvidere Housing	29 & 31 Ash St	Lowell	9	National Grid	9067	9067	3100	44046	3994	0.44	Gas	Gas
1199	Sep	11247	Lowell Belvidere Housing	30 Pleasant St	Lowell	4	National Grid	7714	7714	1852	49878	3848	0.50	Gas	Gas
1200	Sep	11248	Lowell Belvidere Housing	32 Pleasant St	Lowell	2	National Grid	3325	3325	1025	71841	2389	0.72	Gas	Gas
1201	Sep	11249	Lowell Belvidere Housing	48 Pond St	Lowell	4	National Grid	4943	4943	1364	49102	2427	0.49	Gas	Gas
1202	Sep	11250	Lowell Belvidere Housing	54 Pond St	Lowell	4	National Grid	4098	4098	1540	50707	2078	0.51	Gas	Gas
1203	Sep	11256	Lowell Belvidere Housing	61 Chestnut St	Lowell	6	National Grid	6266	6266	2006	50914	3190	0.51	Gas	Gas
1204	Sep	11251	Lowell Belvidere Housing	84 Andover St	Lowell	4	National Grid	6437	6437	2623	41773	2689	0.42	Gas	Gas
1205	Sep	9420	Robert A. Georgine Towers	100 Ferrin St	Boston	42	National Grid	33000	33000	15570	42085	13888	0.42	Gas	Gas
1206	Sep	10746	Sirk Building	80 Bridge St	Lowell	46	National Grid	55895	44716	26516	54960	24576	0.55	Gas	Gas
1207	Sep	8670	Southend	19 St Cyprians Pl	Boston	8	National Grid	12222	9778	4392	69052	6752	0.69	Gas	Gas
1208	Sep	8671	Southend	23 St Cyprians Pl	Boston	10	National Grid	15654	13045	5684	66293	8648	0.66	Gas	Gas
1209	Sep	8672	Southend	42 Cunard St	Boston	10	National Grid	15654	13045	5884	66293	8648	0.66	Gas	Gas
1210	Sep	10499	Tent City	130 Dartmouth St	Boston	181	National Grid	192550	192550	38083	51695	99539	0.52	Gas	Gas
1211	Sep	8704	Viviendas	1-13 San Juan St	Boston	14	National Grid	13456	13456	0	89231	12007	0.89	Gas	Gas
1212	Sep	8686	Viviendas	1-5 Aguadilla St	Boston	6	National Grid	5795	5795	0	79110	4584	0.79	Gas	Gas
1213	Sep	8702	Viviendas	100 West Dedham St	Boston	73	National Grid	63968	63968	22507	73122	46774	0.73	Gas	Gas
1214	Sep	8708	Viviendas	12-30 San Juan St	Boston	20	National Grid	20923	20923	0	70447	14740	0.70	Gas	Gas
1215	Sep	8703	Viviendas	15-19 San Juan St	Boston	6	National Grid	5658	5658	0	71133	4025	0.71	Gas	Gas
1216	Sep	8685	Viviendas	369-391 Shawmut Ave	Boston	4	National Grid	3772	3772	0	75820	2860	0.76	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1217	Sep	8689	Viviendas	4-10 San Juan St	Boston	8	National Grid	7778	7778	0	82321	5932	0.76	Gas	Gas
1218	Sep	8688	Viviendas	4-22 Aguadilla St	Boston	20	National Grid	20923	20923	0	82321	17224	0.82	Gas	Gas
1219	Sep	8705	Viviendas	50-58 West Dedham St	Boston	10	National Grid	9664	9664	0	87195	8427	0.87	Gas	Gas
1220	Sep	8687	Viviendas	7-9 Aguadilla St	Boston	6	National Grid	5795	5795	0	76878	4455	0.77	Gas	Gas
1221	Sep	8706	Viviendas	91-99 West Brookline St	Boston	14	National Grid	13456	13456	0	72236	9720	0.72	Gas	Gas
1222	Sep	7457	Willowood	8 Adams St	Norwood	8	National Grid	7056	4703	3056	103170	4852	1.03	Gas	Gas
1223	Sep	10768	Zelma Lacey Assisted Living	9 West School St	Boston	66	National Grid	39384	39384	14846	48701	19180	0.49	Gas	Gas
1224	Oct	5422	Atkins Apartment/Kasanof	225 Blue Hill Ave	Roxbury	37	National Grid	72608	72608	22887	19018	13809	0.19	Electric	Gas
1225	Oct	11416E	Camfield Estates	112A Camden St	Boston	1	National Grid	1867	1400	467	74710	1046	0.75	Gas	Gas
1226	Oct	11416F	Camfield Estates	112B Camden St	Boston	1	National Grid	1867	1400	467	74710	1046	0.75	Gas	Gas
1227	Oct	11417G	Camfield Estates	120A Camden St	Boston	1	National Grid	2100	1575	525	74710	1177	0.75	Gas	Gas
1228	Oct	11417H	Camfield Estates	120B Camden St	Boston	1	National Grid	2100	1575	525	74710	1177	0.75	Gas	Gas
1229	Oct	11403O	Camfield Estates	73A Lenox St	Boston	1	National Grid	2275	1706	569	67620	1154	0.68	Gas	Gas
1230	Oct	11403P	Camfield Estates	73B Lenox St	Boston	1	National Grid	2275	1706	569	67620	1154	0.68	Gas	Gas
1231	Oct	11404I	Camfield Estates	83A Lenox St	Boston	1	National Grid	2160	1620	540	80160	1299	0.80	Gas	Gas
1232	Oct	11404J	Camfield Estates	83B Lenox St	Boston	1	National Grid	2160	1620	540	80160	1299	0.80	Gas	Gas
1233	Oct	11401	Camfield Estates	85 Lenox St (Community Bldg)	Boston	1	National Grid	3500	3500	3450	24148	845	0.24	Gas	Gas
1234	Oct	11410G	Camfield Estates	92A Camden St	Boston	1	National Grid	2100	1575	525	45860	722	0.46	Gas	Gas
1235	Oct	11410H	Camfield Estates	92B Camden St	Boston	1	National Grid	2100	1575	525	45860	722	0.46	Gas	Gas
1236	Oct	10673	Columbia West	392 Columbia Rd	Boston	52	National Grid	41632	41632	10244	37959	15803	0.38	Gas	Gas
1237	Oct	10748	Heritage (The Heritage)	195 Pleasant St	Malden	177	National Grid	125000	125000	41000	35520	44400	0.36	Gas	Gas
1238	Oct	8487	Hyde	82 Lincoln St	Newton	14	National Grid	22850	22850	8945	12054	2754	0.12	Gas	Gas
1239	Oct	1370	Mill Pond	50 Mill Road	Littleton	50	National Grid	42000	41280	16025	33407	13790	0.33	Gas	Gas
1240	Oct	1371	Mt Pleasant	70 Perkins Street	Somerville	65	National Grid	49129	49129	9199	36945	18151	0.37	Gas	Gas
1241	Oct	8868A	Redwood Terrace	110 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1242	Oct	8868B	Redwood Terrace	111 Hemlock Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1243	Oct	8868C	Redwood Terrace	112 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1244	Oct	8868D	Redwood Terrace	113 Hemlock Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1245	Oct	8868E	Redwood Terrace	114 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1246	Oct	8868F	Redwood Terrace	115 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1247	Oct	8868G	Redwood Terrace	116 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1248	Oct	8868H	Redwood Terrace	117 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1249	Oct	8867A	Redwood Terrace	136 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1250	Oct	8867B	Redwood Terrace	137 Blackbrook Drive	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1251	Oct	8867C	Redwood Terrace	138 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1252	Oct	8867D	Redwood Terrace	139 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1253	Oct	8867E	Redwood Terrace	140 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1254	Oct	8867F	Redwood Terrace	141 Blackbrook Drive	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1255	Oct	8867G	Redwood Terrace	142 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1256	Oct	8867H	Redwood Terrace	143 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1257	Oct	8867I	Redwood Terrace	144 Blackbrook Drive	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1258	Oct	8867J	Redwood Terrace	145 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1259	Oct	8866A	Redwood Terrace	217 Blackbrook Drive	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1260	Oct	8866B	Redwood Terrace	218 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1261	Oct	8866C	Redwood Terrace	219 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1262	Oct	8866D	Redwood Terrace	220 Blackbrook Drive	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1263	Oct	8866E	Redwood Terrace	221 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1264	Oct	8866F	Redwood Terrace	222 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1265	Oct	8866G	Redwood Terrace	223 Blackbrook Drive	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1266	Oct	8866H	Redwood Terrace	224 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1267	Oct	8866I	Redwood Terrace	225 Blackbrook Drive	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1268	Oct	8866J	Redwood Terrace	226 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1269	Oct	8865A	Redwood Terrace	325 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1270	Oct	8865B	Redwood Terrace	326 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1271	Oct	8865C	Redwood Terrace	327 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1272	Oct	8865D	Redwood Terrace	328 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1273	Oct	8865E	Redwood Terrace	329 Tulip Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1274	Oct	8865F	Redwood Terrace	330 Tulip Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1275	Oct	8865G	Redwood Terrace	331 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1276	Oct	8865H	Redwood Terrace	332 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1277	Oct	8864A	Redwood Terrace	414 Rosewood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1278	Oct	8864B	Redwood Terrace	415 Rosewood Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1279	Oct	8864C	Redwood Terrace	416 Rosewood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1280	Oct	8864D	Redwood Terrace	417 Rosewood Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas

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1281	Oct	8864E	Redwood Terrace	418 Rosewood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1282	Oct	8864F	Redwood Terrace	419 Rosewood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1283	Oct	8864G	Redwood Terrace	420 Rosewood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1284	Oct	8864H	Redwood Terrace	421 Rosewood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1285	Oct	8869A	Redwood Terrace	422 Rosewood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1286	Oct	8869B	Redwood Terrace	423 Rosewood Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1287	Oct	8869C	Redwood Terrace	424 Rosewood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1288	Oct	8869D	Redwood Terrace	425 Rosewood Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1289	Oct	8863A	Redwood Terrace	509 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1290	Oct	8863B	Redwood Terrace	510 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1291	Oct	8863C	Redwood Terrace	511 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1292	Oct	8863D	Redwood Terrace	512 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1293	Oct	8863E	Redwood Terrace	513 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1294	Oct	8863F	Redwood Terrace	514 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1295	Oct	8863G	Redwood Terrace	515 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1296	Oct	8863H	Redwood Terrace	516 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1297	Oct	8863I	Redwood Terrace	517 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1298	Oct	10007A	Snug Harbor	1 Yardarm Lane A	Quincy	1	National Grid	1013	675	338	78182	528	0.78	Gas	Gas
1299	Oct	10007B	Snug Harbor	1 Yardarm Lane B	Quincy	1	National Grid	1511	1007	504	78182	787	0.78	Gas	Gas
1300	Oct	10007C	Snug Harbor	1 Yardarm Lane C	Quincy	1	National Grid	1511	1007	504	78182	787	0.78	Gas	Gas
1301	Oct	10007D	Snug Harbor	1 Yardarm Lane D	Quincy	1	National Grid	1013	675	338	78182	528	0.78	Gas	Gas
1302	Oct	10072A	Snug Harbor	100 Taffrail A	Quincy	1	National Grid	1050	700	350	62185	435	0.62	Gas	Gas
1303	Oct	10072B	Snug Harbor	100 Taffrail B	Quincy	1	National Grid	1223	815	408	62185	507	0.62	Gas	Gas
1304	Oct	10072C	Snug Harbor	100 Taffrail C	Quincy	1	National Grid	1223	815	408	62185	507	0.62	Gas	Gas
1305	Oct	10072D	Snug Harbor	100 Taffrail D	Quincy	1	National Grid	1050	700	350	62185	435	0.62	Gas	Gas
1306	Oct	9978A	Snug Harbor	14 Bicknell A	Quincy	1	National Grid	1043	695	348	61461	427	0.61	Gas	Gas
1307	Oct	9978B	Snug Harbor	14 Bicknell B	Quincy	1	National Grid	1515	1010	505	61461	621	0.61	Gas	Gas
1308	Oct	9978C	Snug Harbor	14 Bicknell C	Quincy	1	National Grid	1515	1010	505	61461	621	0.61	Gas	Gas
1309	Oct	9978D	Snug Harbor	14 Bicknell D	Quincy	1	National Grid	1043	695	348	61461	427	0.61	Gas	Gas
1310	Oct	10074A	Snug Harbor	144 Taffrail A	Quincy	1	National Grid	1050	700	350	81164	568	0.81	Gas	Gas
1311	Oct	10074B	Snug Harbor	144 Taffrail B	Quincy	1	National Grid	1223	815	408	81164	661	0.81	Gas	Gas
1312	Oct	10074C	Snug Harbor	144 Taffrail C	Quincy	1	National Grid	1223	815	408	81164	661	0.81	Gas	Gas
1313	Oct	10074D	Snug Harbor	144 Taffrail D	Quincy	1	National Grid	1050	700	350	81164	568	0.81	Gas	Gas
1314	Oct	9991A	Snug Harbor	15 Quadrant A	Quincy	1	National Grid	1013	675	338	68067	459	0.68	Gas	Gas
1315	Oct	9991B	Snug Harbor	15 Quadrant B	Quincy	1	National Grid	1511	1007	504	68067	685	0.68	Gas	Gas
1316	Oct	9991C	Snug Harbor	15 Quadrant C	Quincy	1	National Grid	1511	1007	504	68067	685	0.68	Gas	Gas
1317	Oct	9991D	Snug Harbor	15 Quadrant D	Quincy	1	National Grid	1013	675	338	68067	459	0.68	Gas	Gas
1318	Oct	10008A	Snug Harbor	2 Yardarm Lane A	Quincy	1	National Grid	1013	675	338	62161	420	0.62	Gas	Gas
1319	Oct	10008B	Snug Harbor	2 Yardarm Lane B	Quincy	1	National Grid	1511	1007	504	62161	626	0.62	Gas	Gas
1320	Oct	10008C	Snug Harbor	2 Yardarm Lane C	Quincy	1	National Grid	1511	1007	504	62161	626	0.62	Gas	Gas
1321	Oct	10008D	Snug Harbor	2 Yardarm Lane D	Quincy	1	National Grid	1013	675	338	62161	420	0.62	Gas	Gas
1322	Oct	10029A	Snug Harbor	21 Quadrant A	Quincy	1	National Grid	1043	695	348	64581	449	0.65	Gas	Gas
1323	Oct	10029B	Snug Harbor	21 Quadrant B	Quincy	1	National Grid	1515	1010	505	64581	652	0.65	Gas	Gas
1324	Oct	10029C	Snug Harbor	21 Quadrant C	Quincy	1	National Grid	1515	1010	505	64581	652	0.65	Gas	Gas
1325	Oct	10029D	Snug Harbor	21 Quadrant D	Quincy	1	National Grid	1043	695	348	64581	449	0.65	Gas	Gas
1326	Oct	10033A	Snug Harbor	21 Taffrail Road A	Quincy	1	National Grid	1043	695	348	62905	437	0.63	Gas	Gas
1327	Oct	10033B	Snug Harbor	21 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	62905	635	0.63	Gas	Gas
1328	Oct	10033C	Snug Harbor	21 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	62905	635	0.63	Gas	Gas
1329	Oct	10033D	Snug Harbor	21 Taffrail Road D	Quincy	1	National Grid	1043	695	348	62905	437	0.63	Gas	Gas
1330	Oct	10056A	Snug Harbor	219 Taffrail Road A	Quincy	1	National Grid	1043	695	348	61652	428	0.62	Gas	Gas
1331	Oct	10056B	Snug Harbor	219 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	61652	623	0.62	Gas	Gas
1332	Oct	10056C	Snug Harbor	219 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	61652	623	0.62	Gas	Gas
1333	Oct	10056D	Snug Harbor	219 Taffrail Road D	Quincy	1	National Grid	1043	695	348	61652	428	0.62	Gas	Gas
1334	Oct	10061A	Snug Harbor	26 Figurehead A	Quincy	1	National Grid	960	640	320	92366	591	0.92	Gas	Gas
1335	Oct	10061B	Snug Harbor	26 Figurehead B	Quincy	1	National Grid	1577	1051	526	92366	971	0.92	Gas	Gas
1336	Oct	10061C	Snug Harbor	26 Figurehead C	Quincy	1	National Grid	1577	1051	526	92366	971	0.92	Gas	Gas
1337	Oct	10061D	Snug Harbor	26 Figurehead D	Quincy	1	National Grid	960	640	320	92366	591	0.92	Gas	Gas
1338	Oct	10078C	Snug Harbor	26 Yardarm C	Quincy	1	National Grid	1223	815	408	59815	487	0.60	Gas	Gas
1339	Oct	10078D	Snug Harbor	26 Yardarm D	Quincy	1	National Grid	1050	700	350	59815	419	0.60	Gas	Gas
1340	Oct	9992A	Snug Harbor	27 Quadrant A	Quincy	1	National Grid	1013	675	338	78911	533	0.79	Gas	Gas
1341	Oct	9992B	Snug Harbor	27 Quadrant B	Quincy	1	National Grid	1511	1007	504	78911	795	0.79	Gas	Gas
1342	Oct	9992C	Snug Harbor	27 Quadrant C	Quincy	1	National Grid	1511	1007	504	78911	795	0.79	Gas	Gas
1343	Oct	9992D	Snug Harbor	27 Quadrant D	Quincy	1	National Grid	1013	675	338	78911	533	0.79	Gas	Gas
1344	Oct	10015A	Snug Harbor	31 Binnacle A	Quincy	1	National Grid	1043	695	348	60487	420	0.60	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual Therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1345	Oct	10015B	Snug Harbor	31 Binnacle B	Quincy	1	National Grid	1515	1010	505	60487	611	0.60	Gas	Gas
1346	Oct	10015C	Snug Harbor	31 Binnacle C	Quincy	1	National Grid	1515	1010	505	60487	611	0.60	Gas	Gas
1347	Oct	10015D	Snug Harbor	31 Binnacle D	Quincy	1	National Grid	1043	695	348	60487	420	0.60	Gas	Gas
1348	Oct	9988A	Snug Harbor	346 Palmer A	Quincy	1	National Grid	1013	675	338	70400	475	0.70	Gas	Gas
1349	Oct	9988B	Snug Harbor	346 Palmer B	Quincy	1	National Grid	1511	1007	504	70400	709	0.70	Gas	Gas
1350	Oct	9988C	Snug Harbor	346 Palmer C	Quincy	1	National Grid	1511	1007	504	70400	709	0.70	Gas	Gas
1351	Oct	9988D	Snug Harbor	346 Palmer D	Quincy	1	National Grid	1013	675	338	70400	475	0.70	Gas	Gas
1352	Oct	10030A	Snug Harbor	35 Quadrant A	Quincy	1	National Grid	1043	695	348	71752	499	0.72	Gas	Gas
1353	Oct	10030B	Snug Harbor	35 Quadrant B	Quincy	1	National Grid	1515	1010	505	71752	725	0.72	Gas	Gas
1354	Oct	10030C	Snug Harbor	35 Quadrant C	Quincy	1	National Grid	1515	1010	505	71752	725	0.72	Gas	Gas
1355	Oct	10030D	Snug Harbor	35 Quadrant D	Quincy	1	National Grid	1043	695	348	71752	499	0.72	Gas	Gas
1356	Oct	10024A	Snug Harbor	361 Palmer A	Quincy	1	National Grid	1043	695	348	60500	420	0.61	Gas	Gas
1357	Oct	10024B	Snug Harbor	361 Palmer B	Quincy	1	National Grid	1515	1010	505	60500	611	0.61	Gas	Gas
1358	Oct	10024C	Snug Harbor	361 Palmer C	Quincy	1	National Grid	1515	1010	505	60500	611	0.61	Gas	Gas
1359	Oct	10024D	Snug Harbor	361 Palmer D	Quincy	1	National Grid	1043	695	348	60500	420	0.61	Gas	Gas
1360	Oct	10063A	Snug Harbor	365 Palmer A	Quincy	1	National Grid	960	640	320	73500	470	0.74	Gas	Gas
1361	Oct	10063B	Snug Harbor	365 Palmer B	Quincy	1	National Grid	1577	1051	526	73500	772	0.74	Gas	Gas
1362	Oct	10063C	Snug Harbor	365 Palmer C	Quincy	1	National Grid	1577	1051	526	73500	772	0.74	Gas	Gas
1363	Oct	10063D	Snug Harbor	365 Palmer D	Quincy	1	National Grid	960	640	320	73500	470	0.74	Gas	Gas
1364	Oct	9989A	Snug Harbor	375 Palmer A	Quincy	1	National Grid	1013	675	338	86082	581	0.86	Gas	Gas
1365	Oct	9989B	Snug Harbor	375 Palmer B	Quincy	1	National Grid	1511	1007	504	86082	867	0.86	Gas	Gas
1366	Oct	9989C	Snug Harbor	375 Palmer C	Quincy	1	National Grid	1511	1007	504	86082	867	0.86	Gas	Gas
1367	Oct	9989D	Snug Harbor	375 Palmer D	Quincy	1	National Grid	1013	675	338	86082	581	0.86	Gas	Gas
1368	Oct	10076A	Snug Harbor	4 Yardarm A	Quincy	1	National Grid	1050	700	350	66247	464	0.66	Gas	Gas
1369	Oct	10076B	Snug Harbor	4 Yardarm B	Quincy	1	National Grid	1223	815	408	66247	540	0.66	Gas	Gas
1370	Oct	10076C	Snug Harbor	4 Yardarm C	Quincy	1	National Grid	1223	815	408	66247	540	0.66	Gas	Gas
1371	Oct	10076D	Snug Harbor	4 Yardarm D	Quincy	1	National Grid	1050	700	350	66247	464	0.66	Gas	Gas
1372	Oct	10064A	Snug Harbor	401 Palmer A	Quincy	1	National Grid	960	640	320	62082	397	0.62	Gas	Gas
1373	Oct	10064B	Snug Harbor	401 Palmer B	Quincy	1	National Grid	1577	1051	526	62082	652	0.62	Gas	Gas
1374	Oct	10064C	Snug Harbor	401 Palmer C	Quincy	1	National Grid	1577	1051	526	62082	652	0.62	Gas	Gas
1375	Oct	10064D	Snug Harbor	401 Palmer D	Quincy	1	National Grid	960	640	320	62082	397	0.62	Gas	Gas
1376	Oct	10067A	Snug Harbor	41 Taffrail Road A	Quincy	1	National Grid	960	640	320	60251	386	0.60	Gas	Gas
1377	Oct	10067B	Snug Harbor	41 Taffrail Road B	Quincy	1	National Grid	1577	1051	526	60251	633	0.60	Gas	Gas
1378	Oct	10067C	Snug Harbor	41 Taffrail Road C	Quincy	1	National Grid	1577	1051	526	60251	633	0.60	Gas	Gas
1379	Oct	10067D	Snug Harbor	41 Taffrail Road D	Quincy	1	National Grid	960	640	320	60251	386	0.60	Gas	Gas
1380	Oct	9990A	Snug Harbor	425 Palmer A	Quincy	1	National Grid	1013	675	338	77732	525	0.78	Gas	Gas
1381	Oct	9990B	Snug Harbor	425 Palmer B	Quincy	1	National Grid	1511	1007	504	77732	783	0.78	Gas	Gas
1382	Oct	9990C	Snug Harbor	425 Palmer C	Quincy	1	National Grid	1511	1007	504	77732	783	0.78	Gas	Gas
1383	Oct	9990D	Snug Harbor	425 Palmer D	Quincy	1	National Grid	1013	675	338	77732	525	0.78	Gas	Gas
1384	Oct	9982A	Snug Harbor	6 Bicknell Lane A	Quincy	1	National Grid	1013	675	338	76038	513	0.76	Gas	Gas
1385	Oct	9982B	Snug Harbor	6 Bicknell Lane B	Quincy	1	National Grid	1511	1007	504	76038	766	0.76	Gas	Gas
1386	Oct	9982C	Snug Harbor	6 Bicknell Lane C	Quincy	1	National Grid	1511	1007	504	76038	766	0.76	Gas	Gas
1387	Oct	9982D	Snug Harbor	6 Bicknell Lane D	Quincy	1	National Grid	1013	675	338	76038	513	0.76	Gas	Gas
1388	Oct	9996A	Snug Harbor	69 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	72297	488	0.72	Gas	Gas
1389	Oct	9996B	Snug Harbor	69 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	72297	728	0.72	Gas	Gas
1390	Oct	9996C	Snug Harbor	69 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	72297	728	0.72	Gas	Gas
1391	Oct	9996D	Snug Harbor	69 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	72297	488	0.72	Gas	Gas
1392	Oct	9999A	Snug Harbor	88 Tarffrail Lane A	Quincy	1	National Grid	1013	675	338	65753	444	0.66	Gas	Gas
1393	Oct	9999B	Snug Harbor	88 Tarffrail Lane B	Quincy	1	National Grid	1511	1007	504	65753	662	0.66	Gas	Gas
1394	Oct	9999C	Snug Harbor	88 Tarffrail Lane C	Quincy	1	National Grid	1511	1007	504	65753	662	0.66	Gas	Gas
1395	Oct	9999D	Snug Harbor	88 Tarffrail Lane D	Quincy	1	National Grid	1013	675	338	65753	444	0.66	Gas	Gas
1396	Oct	10028A	Snug Harbor	9 Quadrant A	Quincy	1	National Grid	1043	695	348	62760	436	0.63	Gas	Gas
1397	Oct	10028B	Snug Harbor	9 Quadrant B	Quincy	1	National Grid	1515	1010	505	62760	634	0.63	Gas	Gas
1398	Oct	10028C	Snug Harbor	9 Quadrant C	Quincy	1	National Grid	1515	1010	505	62760	634	0.63	Gas	Gas
1399	Oct	10028D	Snug Harbor	9 Quadrant D	Quincy	1	National Grid	1043	695	348	62760	436	0.63	Gas	Gas
1400	Oct	10068A	Snug Harbor	95 Taffrail Road A	Quincy	1	National Grid	1043	695	348	72783	506	0.73	Gas	Gas
1401	Oct	10068B	Snug Harbor	95 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	72783	735	0.73	Gas	Gas
1402	Oct	10068C	Snug Harbor	95 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	72783	735	0.73	Gas	Gas
1403	Oct	10068D	Snug Harbor	95 Taffrail Road D	Quincy	1	National Grid	1043	695	348	72783	506	0.73	Gas	Gas
1404	Oct	10040A	Snug Harbor	99 Taffrail Road A	Quincy	1	National Grid	1043	695	348	60043	417	0.60	Gas	Gas
1405	Oct	10040B	Snug Harbor	99 Taffrail Road B	Quincy	1	National Grid	1515	1010	505	60043	606	0.60	Gas	Gas
1406	Oct	10040C	Snug Harbor	99 Taffrail Road C	Quincy	1	National Grid	1515	1010	505	60043	606	0.60	Gas	Gas
1407	Oct	10040D	Snug Harbor	99 Taffrail Road D	Quincy	1	National Grid	1043	695	348	60043	417	0.60	Gas	Gas
1408	Oct	10763	The Hayes at Railroad Square	14 Granite Street	Haverhill	57	National Grid	80000	80000	23287	28293	22635	0.28	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual Therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1409	Oct	1480	Victory Gardens Apartments	54 Orleans Street	East Boston	87	National Grid	124278	124278	39750	42534	1318	0.24	Gas	Gas
1410	Nov	7719	50 Pierce Rd	50 Pierce Road	Weymouth	3	National Grid	2000	1500	500	87850	1318	0.88	Gas	Gas
1411	Nov	11571	Acre High School	760 Merrimack St	Lowell	22	National Grid	19700	19700	3940	49036	9661	0.49	Gas	Gas
1412	Nov	11853	Amesbury CBFS	30 Field St	Amesbury	8	National Grid	5240	5240	4240	21813	1143	0.22	Gas	Gas
1413	Nov	11094	Bennett Street Residence	80-82 Bennett St	Boston	10	National Grid	4425	3425	3325	111063	3804	1.11	Gas	Gas
1414	Nov	11305	Blue Elm Apartments	164 Seaver St	Boston	14	National Grid	16721	13005	5860	194299	25269	1.94	Gas	Gas
1415	Nov	11306	Blue Elm Apartments	166 Seaver St	Boston	14	National Grid	17192	13371	6025	194304	25980	1.94	Gas	Gas
1416	Nov	11307	Blue Elm Apartments	168 Seaver St	Boston	13	National Grid	14934	11615	5234	2893	336	0.03	Gas	Gas
1417	Nov	11308	Blue Elm Apartments	172 Seaver St	Boston	14	National Grid	15967	12419	5596	2893	359	0.03	Gas	Gas
1418	Nov	11309	Blue Elm Apartments	176 Seaver St	Boston	14	National Grid	16871	13122	5913	2893	379	0.03	Gas	Gas
1419	Nov	7375	Breezy Acres	570A Old Barnstable	Mashpee	2	National Grid	1800	1800	0	56872	1024	0.57	Gas	Gas
1420	Nov	11875	Bridge Street CBFS	169-171 Bridge St	Weymouth	6	National Grid	3000	2000	2340	55266	1105	0.55	Oil	Electric
1421	Nov	11165	Brookline CBFS	496 Washington St	Brookline	9	National Grid	3565	2765	2395	26688	738	0.27	Oil	Gas
1422	Nov	7178	Carriage House	294 Old Main Road - Shelter	Falmouth	9	National Grid	4165	4165	2659	77074	3210	0.77	Gas	Gas
1423	Nov	11839	Deering Road Residence	87 Deering Rd	Mattapan	7	National Grid	5400	4200	4595	73116	3071	0.73	Gas	Gas
1424	Nov	11855	Dodge Street Residence	95 Dodge St	Beverly	5	National Grid	4400	3500	3800	44178	1546	0.44	Gas	Gas
1425	Nov	11136	Doncaster CBFS	47 Doncaster St	Roslindale	7	National Grid	1500	800	730	294986	2360	2.95	Gas	Gas
1426	Nov	11141	Dudley INN DMH	57 Dudley St	Boston	9	National Grid	3000	3000	1830	83351	2501	0.83	Gas	Gas
1427	Nov	7870	Franklin Highland	109-115 Homestead St	Dorchester	37	National Grid	39455	39455	6385	65852	25982	0.66	Gas	Gas
1428	Nov	11095	Gerrish Street Residence	34 Gerrish Street	Boston	4	National Grid	1610	810	1010	140415	1137	1.40	Gas	Gas
1429	Nov	11156	Harbor Inn CBFS	54 Pinckney St	Somerville	9	National Grid	4100	3300	3020	108483	3580	1.08	Gas	Gas
1430	Nov	966	Harborlight House	1 Monument Sq.	Beverly	35	National Grid	21348	18078	13648	79104	14300	0.79	Gas	Gas
1431	Nov	11162	Harris Street CBFS	11 Harris St	Brookline	8	National Grid	6400	4900	5200	73589	3606	0.74	Gas	Gas
1432	Nov	11138	Hillburn Residence	27 Hilburn St	Roslindale	5	National Grid	2200	1500	1450	132534	1988	1.33	Gas	Gas
1433	Nov	11133	Jamaica Way - Rolland 1	424 Jamaicaway	Boston	10	National Grid	4101	3201	2501	79684	2551	0.80	Gas	Gas
1434	Nov	11139	Jefferson House	17 Pinehurst St	Roslindale	5	National Grid	2800	2000	2150	114801	2296	1.15	Oil	Gas
1435	Nov	10511	Lafayette Housing LP	1-3-5-7 Prince Street Place	Salem	4	National Grid	5100	3400	1700	103332	3513	1.03	Electric	Electric
1436	Nov	9976	Lafayette Housing LP	10 Peabody Street	Salem	3	National Grid	4100	3100	1850	74885	2322	0.75	Gas	Gas
1437	Nov	9964	Lafayette Housing LP	100 Congress Street	Salem	4	National Grid	3660	3050	610	47924	1462	0.48	Gas	Gas
1438	Nov	10296	Lafayette Housing LP	2-4-6-8 Prince Street Place	Salem	4	National Grid	4800	3200	1600	80450	2574	0.80	Electric	Electric
1439	Nov	9963	Lafayette Housing LP	51-53 Palmer	Salem	3	National Grid	3930	2802	1128	118104	3309	1.18	Gas	Gas
1440	Nov	11119	Larchmont CBFS	21 Larchmont St	Boston	8	National Grid	3640	2840	2640	47878	1360	0.48	Gas	Gas
1441	Nov	7041	Lynn M. Marcella Residences	4 James St	North Chelmsford	5	National Grid	4900	4660	980	37141	1731	0.37	Gas	Gas
1442	Nov	11885	Main Street Residence	532 Main St	Weymouth	5	National Grid	3550	2700	3000	59166	1598	0.59	Gas	Gas
1443	Nov	11930	Margin Street Residence	50 Margin St	Peabody	4	National Grid	3625	2725	3105	59335	1617	0.59	Gas	Gas
1444	Nov	11097	Maude Graham Circle Residence	15 Maud Graham Circle	Burlington	4	National Grid	2403	2403	1803	78810	1894	0.79	Gas	Gas
1445	Nov	12009	Mishawum Park	1-43 Tibbetts Town Way	Boston	29	National Grid	35293	35293	0	37376	13193	0.37	Gas	Gas
1446	Nov	12022	Mishawum Park	101-117 Dunstable St	Boston	12	National Grid	14604	14604	0	37376	5459	0.37	Gas	Gas
1447	Nov	12013	Mishawum Park	15-39 Phipps St	Charlestown	15	National Grid	18255	18255	0	37376	6824	0.37	Gas	Gas
1448	Nov	12012	Mishawum Park	2-34 Tibbetts Town Way	Boston	28	National Grid	34076	34076	0	37376	12738	0.37	Gas	Gas
1449	Nov	12010	Mishawum Park	2-60 Dunstable St	Boston	44	National Grid	53548	53548	0	37376	20016	0.37	Gas	Gas
1450	Nov	12016	Mishawum Park	216-232 Main St	Boston	17	National Grid	20689	20689	0	37376	7734	0.37	Gas	Gas
1451	Nov	12008	Mishawum Park	274-280 Main St	Boston	7	National Grid	8519	8519	0	37376	3184	0.37	Gas	Gas
1452	Nov	12018	Mishawum Park	290-300 Main St	Boston	11	National Grid	13387	13387	0	37376	5004	0.37	Gas	Gas
1453	Nov	12019	Mishawum Park	3-5 W School St	Boston	4	National Grid	4868	4868	0	37376	1820	0.37	Gas	Gas
1454	Nov	12006	Mishawum Park	3-55 Dunstable St	Boston	37	National Grid	45029	45029	0	37376	16832	0.37	Gas	Gas
1455	Nov	12011	Mishawum Park	310-320 Main St	Boston	6	National Grid	11684	11684	4382	37376	4367	0.37	Gas	Gas
1456	Nov	12015	Mishawum Park	5-17 Phipps St	Boston	12	National Grid	14604	14604	0	37376	5459	0.37	Gas	Gas
1457	Nov	11492	Mishawum Park	53-85 Tibbetts Town Way	Boston	24	National Grid	29208	29208	0	37376	10918	0.37	Gas	Gas
1458	Nov	11463	Mishawum Park	60-72 Tibbetts Town Way	Boston	7	National Grid	8519	8519	0	37376	3184	0.37	Gas	Gas
1459	Nov	12023	Mishawum Park	65-91 Dunstable St	Boston	21	National Grid	25557	25557	0	37376	9553	0.37	Gas	Gas
1460	Nov	12014	Mishawum Park	70-106 Dunstable St	Boston	31	National Grid	37727	37727	0	37376	14102	0.37	Gas	Gas
1461	Nov	12020	Mishawum Park	77 Lawrence St	Boston	4	National Grid	4868	4868	0	37376	1820	0.37	Gas	Gas
1462	Nov	11462	Mishawum Park	82-92 Tibbetstown Way	Boston	11	National Grid	11520	11520	0	37376	4306	0.37	Gas	Gas
1463	Nov	11129	MMHC CBFS Operations 1	5 Gartland St	Boston	10	National Grid	4500	3600	3300	108622	3910	1.09	Gas	Gas
1464	Nov	11201	MMHC CBFS Subsidies	22 Robinwood Ave	Boston	4	National Grid	3000	2500	1000	36143	904	0.36	Gas	Gas
1465	Nov	11134	MMHC CBFS Subsidies	24 Robinwood Ave	Boston	7	National Grid	3500	2600	2590	13815	359	0.14	Oil	Gas
1466	Nov	11926	Morningside	32 Morningside Dr	Norwood	4	National Grid	3300	2100	2780	70147	1473	0.70	Gas	Gas
1467	Nov	11142	Munroe Residence	80 Munroe St	Boston	5	National Grid	3720	2720	2970	80578	2192	0.81	Gas	Gas
1468	Nov	7460	Nahatan Village	72-74-76 NAHATAN STREET	Norwood	16	National Grid	16524	11016	8524	59428	6547	0.59	Gas	Gas
1469	Nov	7459	Nahatan Village	78-80-82-84 NAHATAN STREET	Norwood	24	National Grid	25920	17280	13920	59428	10270	0.59	Gas	Gas
1470	Nov	7463	Nahatan Village	86 NAHATAN STREET/COMMUNITY ROOM	Norwood	1	National Grid	6708	3354	6658	79237	2658	0.79	Gas	Gas
1471	Nov	11164	Newton Street Residence	9 Newton St	Brookline	4	National Grid	1500	1500	880	153969	2310	1.54	Gas	Gas
1472	Nov	8843	Ocean Shores	OSA	Lynn	202	National Grid	171200	171200	25000	62373	106777	0.62	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1473	Nov	7686	Ocean Shores (Apartments)	1209 Ocean St	Marshfield	97	National Grid	109378	109378	32248	102899	16871	0.15	Gas	Gas
1474	Nov	11873	Pondview CBFS	7 Pond View Ln	Tewksbury	8	National Grid	4600	3800	3400	32193	1223	0.32	Gas	Gas
1475	Nov	11159	Redlands Road Apartments	24 Redlands Rd	Boston	5	National Grid	3365	2465	2615	61117	1507	0.61	Gas	Gas
1476	Nov	8874A	Redwood Terrace	101 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1477	Nov	8874B	Redwood Terrace	102 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1478	Nov	8874C	Redwood Terrace	103 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1479	Nov	8874D	Redwood Terrace	104 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1480	Nov	8874E	Redwood Terrace	105 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1481	Nov	8874F	Redwood Terrace	106 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1482	Nov	8874G	Redwood Terrace	107 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1483	Nov	8874H	Redwood Terrace	108 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1484	Nov	8874I	Redwood Terrace	109 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1485	Nov	8879A	Redwood Terrace	118 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1486	Nov	8879B	Redwood Terrace	119 Hemlock Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1487	Nov	8879C	Redwood Terrace	120 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1488	Nov	8879D	Redwood Terrace	121 Hemlock Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1489	Nov	8879E	Redwood Terrace	122 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1490	Nov	8879F	Redwood Terrace	123 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1491	Nov	8879G	Redwood Terrace	124 Hemlock Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1492	Nov	8879H	Redwood Terrace	125 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1493	Nov	8879I	Redwood Terrace	126 Hemlock Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1494	Nov	8879J	Redwood Terrace	127 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1495	Nov	8873A	Redwood Terrace	128 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1496	Nov	8873B	Redwood Terrace	129 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1497	Nov	8873C	Redwood Terrace	130 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1498	Nov	8873D	Redwood Terrace	131 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1499	Nov	8873E	Redwood Terrace	132 Hemlock Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1500	Nov	8873F	Redwood Terrace	133 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1501	Nov	8873G	Redwood Terrace	134 Hemlock Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1502	Nov	8873H	Redwood Terrace	135 Hemlock Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1503	Nov	8878A	Redwood Terrace	201 Hickory Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1504	Nov	8878B	Redwood Terrace	202 Hickory Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1505	Nov	8878C	Redwood Terrace	203 Hickory Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1506	Nov	8878D	Redwood Terrace	204 Hickory Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1507	Nov	8878E	Redwood Terrace	205 Hickory Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1508	Nov	8878F	Redwood Terrace	206 Hickory Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1509	Nov	8878G	Redwood Terrace	207 Hickory Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1510	Nov	8878H	Redwood Terrace	208 Hickory Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1511	Nov	8872A	Redwood Terrace	209 Hickory Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1512	Nov	8872B	Redwood Terrace	210 Hickory Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1513	Nov	8872C	Redwood Terrace	211 Hickory Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1514	Nov	8872D	Redwood Terrace	212 Hickory Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1515	Nov	8872E	Redwood Terrace	213 Hickory Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1516	Nov	8872F	Redwood Terrace	214 Hickory Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1517	Nov	8872G	Redwood Terrace	215 Hickory Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1518	Nov	8872H	Redwood Terrace	216 Hickory Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1519	Nov	8871A	Redwood Terrace	301 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1520	Nov	8871B	Redwood Terrace	302 Tulip Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1521	Nov	8871C	Redwood Terrace	303 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1522	Nov	8871D	Redwood Terrace	304 Tulip Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1523	Nov	8871E	Redwood Terrace	305 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1524	Nov	8871F	Redwood Terrace	306 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1525	Nov	8871G	Redwood Terrace	307 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1526	Nov	8871H	Redwood Terrace	308 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1527	Nov	8877A	Redwood Terrace	309 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1528	Nov	8877B	Redwood Terrace	310 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1529	Nov	8877C	Redwood Terrace	311 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1530	Nov	8877D	Redwood Terrace	312 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1531	Nov	8877E	Redwood Terrace	313 Tulip Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1532	Nov	8877F	Redwood Terrace	314 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1533	Nov	8877G	Redwood Terrace	315 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1534	Nov	8877H	Redwood Terrace	316 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1535	Nov	8876A	Redwood Terrace	317 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1536	Nov	8876B	Redwood Terrace	318 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1537	Nov	8876C	Redwood Terrace	319 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1538	Nov	8876D	Redwood Terrace	320 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1539	Nov	8876E	Redwood Terrace	321 Tulip Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1540	Nov	8876F	Redwood Terrace	322 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1541	Nov	8876G	Redwood Terrace	323 Tulip Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1542	Nov	8876H	Redwood Terrace	324 Tulip Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1543	Nov	8870A	Redwood Terrace	401 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1544	Nov	8870B	Redwood Terrace	402 Blackbrook Drive	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1545	Nov	8870C	Redwood Terrace	403 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1546	Nov	8870D	Redwood Terrace	404 Blackbrook Drive	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1547	Nov	8870E	Redwood Terrace	405 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1548	Nov	8870F	Redwood Terrace	406 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1549	Nov	8870G	Redwood Terrace	407 Blackbrook Drive	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1550	Nov	8870H	Redwood Terrace	408 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1551	Nov	8870I	Redwood Terrace	409 Blackbrook Drive	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1552	Nov	8870J	Redwood Terrace	410 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1553	Nov	8870K	Redwood Terrace	411 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1554	Nov	8870L	Redwood Terrace	412 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1555	Nov	8870M	Redwood Terrace	413 Blackbrook Drive	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1556	Nov	8869E	Redwood Terrace	426 Rosewood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1557	Nov	8869F	Redwood Terrace	427 Rosewood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1558	Nov	8869G	Redwood Terrace	428 Rosewood Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1559	Nov	8869H	Redwood Terrace	429 Rosewood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1560	Nov	8869I	Redwood Terrace	430 Rosewood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1561	Nov	8869J	Redwood Terrace	431 Rosewood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1562	Nov	8875A	Redwood Terrace	501 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1563	Nov	8875B	Redwood Terrace	502 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1564	Nov	8875C	Redwood Terrace	503 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1565	Nov	8875D	Redwood Terrace	504 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1566	Nov	8875E	Redwood Terrace	505 Redwood Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1567	Nov	8875F	Redwood Terrace	506 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1568	Nov	8875G	Redwood Terrace	507 Redwood Lane	Lowell	1	National Grid	1102	1102	0	102899	1134	1.03	Gas	Gas
1569	Nov	8875H	Redwood Terrace	508 Redwood Lane	Lowell	1	National Grid	870	870	0	102899	895	1.03	Gas	Gas
1570	Nov	1388	Rogers Hall	196 Rogers Street	Lowell	61	National Grid	65000	62600	25000	34216	21419	0.34	Gas	Gas
1571	Nov	11120	Skylla House	57 Stoughton St	Boston	10	National Grid	6000	4700	4750	48885	2297	0.49	Gas	Gas
1572	Nov	11096	South Crescent Circuit Residence	36 S Crescent Circuit	Boston	4	National Grid	1850	1150	1290	132831	1528	1.33	Gas	Gas
1573	Nov	11967	South End Coop	12 Wellington St	Boston	3	National Grid	3131	2505	1127	136876	3429	1.37	Gas	Gas
1574	Nov	11968	South End Coop	157 W Concord St	Boston	5	National Grid	3975	3180	1431	145877	4639	1.46	Gas	Gas
1575	Nov	11965	South End Coop	161 W Springfield St	Boston	5	National Grid	7440	6200	2480	77610	4812	0.78	Gas	Gas
1576	Nov	11969	South End Coop	21 Concord Square	Boston	3	National Grid	3850	3080	1386	90749	2795	0.91	Gas	Gas
1577	Nov	11970	South End Coop	23 Concord Square	Boston	4	National Grid	3850	3080	1386	90749	2795	0.91	Gas	Gas
1578	Nov	11971	South End Coop	235 W Canton St	Boston	3	National Grid	2925	2340	1053	118729	2778	1.19	Gas	Gas
1579	Nov	11982	South End Coop	241 Shawmut Ave	Boston	3	National Grid	2875	2300	1035	111615	2567	1.12	Gas	Gas
1580	Nov	11983	South End Coop	243 Shawmut Ave	Boston	3	National Grid	2875	2300	1035	111615	2567	1.12	Gas	Gas
1581	Nov	11984	South End Coop	245 Shawmut Ave	Boston	3	National Grid	2875	2300	1035	111615	2567	1.12	Gas	Gas
1582	Nov	11972	South End Coop	32 Holyoke St	Boston	3	National Grid	3250	2600	1170	113257	2945	1.13	Gas	Gas
1583	Nov	11985	South End Coop	544 Massachusetts Avenue	Boston	7	National Grid	5210	4060	1962	93094	3779	0.93	Gas	Gas
1584	Nov	11986	South End Coop	546 Massachusetts Avenue	Boston	6	National Grid	5460	4035	2232	98166	3961	0.98	Gas	Gas
1585	Nov	11987	South End Coop	559 Massachusetts Avenue	Boston	6	National Grid	6490	4970	2514	89410	4444	0.89	Gas	Gas
1586	Nov	11988	South End Coop	567 Massachusetts Ave	Boston	6	National Grid	6600	5100	2520	91425	4663	0.91	Gas	Gas
1587	Nov	11977	South End Coop	6 Concord Square	Boston	3	National Grid	3350	2680	1206	133512	3578	1.34	Gas	Gas
1588	Nov	11927	Spice House	290 Pleasant St	Norwood	4	National Grid	2000	2000	1520	74582	1492	0.75	Gas	Gas
1589	Nov	11140	Symmes Street Residence	49 Symmes St	Roslindale	5	National Grid	2625	1925	1925	99947	1924	1.00	Gas	Gas
1590	Nov	11871	Symonds Street Residence	14 Symonds St	Salem	4	National Grid	2900	2900	2440	58295	1691	0.58	Gas	Gas
1591	Nov	11858	Tercentennial Drive	73 Tercentennial Dr	Billerica	5	National Grid	3434	2634	2884	65847	1734	0.66	Gas	Gas
1592	Nov	11093	Transitions-Young Adult Program	23 Bradbury St	Allston	5	National Grid	4198	3250	1548	28352	921	0.28	Gas	Gas
1593	Nov	11541	Unity Place	Unity Place	Lowell	23	National Grid	33996	33996	10749	25403	8635	0.25	Gas	Solar
1594	Nov	11819	Waterview	1350 Columbia Rd	Boston	49	National Grid	41739	41739	8701	37506	15656	0.38	Gas	Gas
1595	Nov	10155	Wilson Gardens	10 Wilson Terrace	Lynn	20	National Grid	20000	20000	5000	54578	10916	0.55	Gas	Gas
1596	Dec	10924	Swan Pond Village	Building 1	Yarmouth	11	National Grid	12113	11597	1732	48966	5679	0.49	Gas	Gas
1597	Dec	12490	Swan Pond Village	Building 2	Yarmouth	6	National Grid	4692	4392	636	50082	2200	0.50	Gas	Gas
1598	Dec	12491	Swan Pond Village	Building 3	Yarmouth	5	National Grid	5008	5008	368	46880	2348	0.47	Gas	Gas
1599	Dec	12493	Swan Pond Village	Building 4	Yarmouth	10	National Grid	9456	9156	1014	48416	4433	0.48	Gas	Gas
1600	Dec	12495	Swan Pond Village	Building 5	Yarmouth	9	National Grid	10126	9726	2612	48808	4747	0.49	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/Conditioned ft2 Annual Usage	Therms/ ft2	Heating Fuel	Hot Water Fuel
1601	Dec	12497	Swan Pond Village	Building 6	Yarmouth	5	National Grid	7251	7251	926	46880	3317	0.47	Gas	Gas
1602	Dec	12498	Swan Pond Village	Building 7	Yarmouth	6	National Grid	5655	5355	856	49774	2665	0.50	Gas	Gas
1603	Dec	12499	Swan Pond Village	Building 8	Yarmouth	8	National Grid	7488	7088	1170	49526	3511	0.50	Gas	Gas
1604	Dec	12500	Swan Pond Village	Building 9	Yarmouth	8	National Grid	7228	6828	979	49627	3389	0.50	Gas	Gas
1605	Dec	12501	Swan Pond Village	Building 10	Yarmouth	6	National Grid	5245	4945	852	49724	2459	0.50	Gas	Gas
1606	Dec	12502	Swan Pond Village	Building 11	Yarmouth	5	National Grid	7276	7276	813	46880	3411	0.47	Gas	Gas
1607	Dec	12503	Swan Pond Village	Building 12	Yarmouth	9	National Grid	8780	8480	1197	48539	4116	0.49	Gas	Gas
1608	Dec	12505	Swan Pond Village	Building 13	Yarmouth	13	National Grid	11664	11136	1613	49103	5468	0.49	Gas	Gas
1609	Dec	12506	Swan Pond Village	Building 14	Yarmouth	12	National Grid	9307	8779	1195	49700	4363	0.50	Gas	Gas
1610	Dec	12507	Swan Pond Village	Building 15	Yarmouth	10	National Grid	11107	10707	2527	48632	5207	0.49	Gas	Gas
1611	Dec	12508	Swan Pond Village	Building 16	Yarmouth	5	National Grid	7251	7251	926	46880	3399	0.47	Gas	Gas
1612	Dec	12513	Swan Pond Village	Building 17	Yarmouth	6	National Grid	5245	4945	852	49724	2459	0.50	Gas	Gas
1613	Dec	12514	Swan Pond Village	Building 18	Yarmouth	16	National Grid	14274	13874	2044	48232	6691	0.48	Gas	Gas
1614	Dec	12686A	Riverdale Park	57 Patriots Cir	Gloucester	1	National Grid	1234	823	411	47751	393	0.48	Gas	Gas
1615	Dec	12686B	Riverdale Park	59 Patriots Cir	Gloucester	1	National Grid	1234	823	411	47751	393	0.48	Gas	Gas
1616	Dec	12686C	Riverdale Park	61 Patriots Cir	Gloucester	1	National Grid	1234	823	411	47751	393	0.48	Gas	Gas
1617	Dec	12686D	Riverdale Park	63 Patriots Cir	Gloucester	1	National Grid	1234	823	411	47751	393	0.48	Gas	Gas
1618	Dec	12687A	Riverdale Park	49 Patriots Cir	Gloucester	1	National Grid	1234	823	411	52188	429	0.52	Gas	Gas
1619	Dec	12687B	Riverdale Park	51 Patriots Cir	Gloucester	1	National Grid	1234	823	411	52188	429	0.52	Gas	Gas
1620	Dec	12687C	Riverdale Park	53 Patriots Cir	Gloucester	1	National Grid	1234	823	411	52188	429	0.52	Gas	Gas
1621	Dec	12687D	Riverdale Park	55 Patriots Cir	Gloucester	1	National Grid	1234	823	411	52188	429	0.52	Gas	Gas
1622	Dec	12688A	Riverdale Park	41 Patriots Cir	Gloucester	1	National Grid	1234	823	411	43131	355	0.43	Gas	Gas
1623	Dec	12688B	Riverdale Park	43 Patriots Cir	Gloucester	1	National Grid	1234	823	411	43131	355	0.43	Gas	Gas
1624	Dec	12688C	Riverdale Park	45 Patriots Cir	Gloucester	1	National Grid	1234	823	411	43131	355	0.43	Gas	Gas
1625	Dec	12688D	Riverdale Park	47 Patriots Cir	Gloucester	1	National Grid	1234	823	411	43131	355	0.43	Gas	Gas
1626	Dec	12689A	Riverdale Park	33 Patriots Cir	Gloucester	1	National Grid	1234	823	411	47690	392	0.48	Gas	Gas
1627	Dec	12689B	Riverdale Park	35 Patriots Cir	Gloucester	1	National Grid	1234	823	411	47690	392	0.48	Gas	Gas
1628	Dec	12689C	Riverdale Park	37 Patriots Cir	Gloucester	1	National Grid	1234	823	411	47690	392	0.48	Gas	Gas
1629	Dec	12689D	Riverdale Park	39 Patriots Cir	Gloucester	1	National Grid	1234	823	411	47690	392	0.48	Gas	Gas
1630	Dec	12690A	Riverdale Park	25 Patriots Cir	Gloucester	1	National Grid	1234	823	411	39726	327	0.40	Gas	Gas
1631	Dec	12690B	Riverdale Park	27 Patriots Cir	Gloucester	1	National Grid	1234	823	411	39726	327	0.40	Gas	Gas
1632	Dec	12690C	Riverdale Park	29 Patriots Cir	Gloucester	1	National Grid	1234	823	411	39726	327	0.40	Gas	Gas
1633	Dec	12690D	Riverdale Park	31 Patriots Cir	Gloucester	1	National Grid	1234	823	411	39726	327	0.40	Gas	Gas
1634	Dec	12691A	Riverdale Park	17 Patriots Cir	Gloucester	1	National Grid	1234	823	411	39514	325	0.40	Gas	Gas
1635	Dec	12691B	Riverdale Park	19 Patriots Cir	Gloucester	1	National Grid	1234	823	411	39514	325	0.40	Gas	Gas
1636	Dec	12691C	Riverdale Park	21 Patriots Cir	Gloucester	1	National Grid	1234	823	411	39514	325	0.40	Gas	Gas
1637	Dec	12691D	Riverdale Park	23 Patriots Cir	Gloucester	1	National Grid	1234	823	411	39514	325	0.40	Gas	Gas
1638	Dec	12695A	Riverdale Park	38 Veterans Way	Gloucester	1	National Grid	1595	1063	532	67215	715	0.67	Gas	Gas
1639	Dec	12695B	Riverdale Park	40 Veterans Way	Gloucester	1	National Grid	1595	1063	532	67215	715	0.67	Gas	Gas
1640	Dec	12703A	Riverdale Park	104 Veterans	Gloucester	1	National Grid	1595	1063	532	48824	519	0.49	Gas	Gas
1641	Dec	12703B	Riverdale Park	106 Veterans	Gloucester	1	National Grid	1595	1063	532	48824	519	0.49	Gas	Gas
1642	Dec	12711A	Riverdale Park	101 Veterans Way	Gloucester	1	National Grid	1595	1063	532	49247	524	0.49	Gas	Gas
1643	Dec	12711B	Riverdale Park	103 Veterans	Gloucester	1	National Grid	1595	1063	532	49247	524	0.49	Gas	Gas
1644	Dec	12713A	Riverdale Park	105 Veterans Way	Gloucester	1	National Grid	1595	1063	532	39981	425	0.40	Gas	Gas
1645	Dec	12713B	Riverdale Park	107 Veterans Way	Gloucester	1	National Grid	1595	1063	532	39981	425	0.40	Gas	Gas
1646	Dec	12714A	Riverdale Park	42 Veterans Way	Gloucester	1	National Grid	1234	823	411	48450	399	0.48	Gas	Gas
1647	Dec	12714B	Riverdale Park	44 Veterans Way	Gloucester	1	National Grid	1234	823	411	48450	399	0.48	Gas	Gas
1648	Dec	12714C	Riverdale Park	46 Veterans Way	Gloucester	1	National Grid	1234	823	411	48450	399	0.48	Gas	Gas
1649	Dec	12714D	Riverdale Park	48 Veterans Way	Gloucester	1	National Grid	1234	823	411	48450	399	0.48	Gas	Gas
1650	Dec	12729A	Riverdale Park	17 Veterans Way	Gloucester	1	National Grid	1595	1063	532	40546	431	0.41	Gas	Gas
1651	Dec	12730A	Riverdale Park	13 Veterans Way	Gloucester	1	National Grid	1595	1063	532	42803	455	0.43	Gas	Gas
1652	Dec	12730B	Riverdale Park	15 Veterans Way	Gloucester	1	National Grid	1595	1063	532	42803	455	0.43	Gas	Gas
1653	Dec	6615A	Linden	69 Coleman St	Malden	1	National Grid	1248	832	416	14617	486	0.58	Gas	Gas
1654	Dec	6615B	Linden	71 Coleman St	Malden	1	National Grid	1248	832	416	14617	486	0.58	Gas	Gas
1655	Dec	6615C	Linden	73 Coleman St	Malden	1	National Grid	1248	832	416	14617	486	0.58	Gas	Gas
1656	Dec	6615D	Linden	75 Coleman St	Malden	1	National Grid	1248	832	416	14617	486	0.58	Gas	Gas
1657	Dec	9046A	Linden	77 Coleman St	Malden	1	National Grid	1248	832	416	12022	100	0.12	Gas	Gas
1658	Dec	9046B	Linden	79 Coleman St	Malden	1	National Grid	1248	832	416	12022	100	0.12	Gas	Gas
1659	Dec	9046C	Linden	81 Coleman St	Malden	1	National Grid	1248	832	416	12022	100	0.12	Gas	Gas
1660	Dec	9046D	Linden	83 Coleman St	Malden	1	National Grid	1248	832	416	12022	100	0.12	Gas	Gas
1661	Dec	9047A	Linden	85 Coleman St	Malden	1	National Grid	1248	832	416	14578	121	0.15	Gas	Gas
1662	Dec	9047B	Linden	87 Coleman St	Malden	1	National Grid	1248	832	416	14578	121	0.15	Gas	Gas
1663	Dec	9047C	Linden	89 Coleman St	Malden	1	National Grid	1248	832	416	14578	121	0.15	Gas	Gas
1664	Dec	9047D	Linden	91 Coleman St	Malden	1	National Grid	1248	832	416	14578	121	0.15	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1665	Dec	9048A	Linden	93 Coleman St	Malden	1	National Grid	1482	988	494	16630	164	0.17	Gas	Gas
1666	Dec	9048B	Linden	95 Coleman St	Malden	1	National Grid	1482	988	494	16630	164	0.17	Gas	Gas
1667	Dec	9048C	Linden	97 Coleman St	Malden	1	National Grid	1482	988	494	16630	164	0.17	Gas	Gas
1668	Dec	9048D	Linden	99 Coleman St	Malden	1	National Grid	1482	988	494	16630	164	0.17	Gas	Gas
1669	Dec	9055A	Linden	71 Plainfield Ave	Malden	1	National Grid	1482	988	494	14668	580	0.59	Gas	Gas
1670	Dec	9055B	Linden	73 Plainfield Ave	Malden	1	National Grid	1482	988	494	14668	580	0.59	Gas	Gas
1671	Dec	9055C	Linden	75 Plainfield Ave	Malden	1	National Grid	1482	988	494	14668	580	0.59	Gas	Gas
1672	Dec	9055D	Linden	77 Plainfield Ave	Malden	1	National Grid	1482	988	494	14668	580	0.59	Gas	Gas
1673	Dec	9056A	Linden	79 Plainfield Ave	Malden	1	National Grid	1248	832	416	15527	517	0.62	Gas	Gas
1674	Dec	9056B	Linden	81 Plainfield Ave	Malden	1	National Grid	1248	832	416	15527	517	0.62	Gas	Gas
1675	Dec	9056C	Linden	83 Plainfield Ave	Malden	1	National Grid	1248	832	416	15527	517	0.62	Gas	Gas
1676	Dec	9056D	Linden	85 Plainfield Ave	Malden	1	National Grid	1248	832	416	15527	517	0.62	Gas	Gas
1677	Dec	9057A	Linden	87 Plainfield Ave	Malden	1	National Grid	1482	988	494	14545	575	0.58	Gas	Gas
1678	Dec	9057B	Linden	89 Plainfield Ave	Malden	1	National Grid	1482	988	494	14545	575	0.58	Gas	Gas
1679	Dec	9057C	Linden	91 Plainfield Ave	Malden	1	National Grid	1482	988	494	14545	575	0.58	Gas	Gas
1680	Dec	9057D	Linden	93 Plainfield Ave	Malden	1	National Grid	1482	988	494	14545	575	0.58	Gas	Gas
1681	Dec	9058A	Linden	95 Plainfield Ave	Malden	1	National Grid	1482	988	494	11616	459	0.46	Gas	Gas
1682	Dec	9058B	Linden	97 Plainfield Ave	Malden	1	National Grid	1482	988	494	11616	459	0.46	Gas	Gas
1683	Dec	9058C	Linden	99 Plainfield Ave	Malden	1	National Grid	1482	988	494	11616	459	0.46	Gas	Gas
1684	Dec	9058D	Linden	101 Plainfield Ave	Malden	1	National Grid	1482	988	494	11616	459	0.46	Gas	Gas
1685	Dec	9066A	Linden	240 Oliver St	Malden	1	National Grid	1248	832	416	13695	114	0.14	Gas	Gas
1686	Dec	9066B	Linden	242 Oliver St	Malden	1	National Grid	1248	832	416	13695	114	0.14	Gas	Gas
1687	Dec	9066C	Linden	244 Oliver St	Malden	1	National Grid	1248	832	416	13695	114	0.14	Gas	Gas
1688	Dec	9066D	Linden	246 Oliver St	Malden	1	National Grid	1248	832	416	13695	114	0.14	Gas	Gas
1689	Dec	9067A	Linden	226 Oliver st	Malden	1	National Grid	1482	988	494	14053	139	0.14	Gas	Gas
1690	Dec	9067B	Linden	228 Oliver St	Malden	1	National Grid	1482	988	494	14053	139	0.14	Gas	Gas
1691	Dec	9067C	Linden	230 Oliver St	Malden	1	National Grid	1482	988	494	14053	139	0.14	Gas	Gas
1692	Dec	9067D	Linden	232 Oliver St	Malden	1	National Grid	1482	988	494	14053	139	0.14	Gas	Gas
1693	Dec	9068A	Linden	218 Oliver St	Malden	1	National Grid	1248	832	416	18821	157	0.19	Gas	Gas
1694	Dec	9068B	Linden	220 Oliver St	Malden	1	National Grid	1248	832	416	18821	157	0.19	Gas	Gas
1695	Dec	9068C	Linden	222 Oliver St	Malden	1	National Grid	1248	832	416	18821	157	0.19	Gas	Gas
1696	Dec	9068D	Linden	224 Oliver St	Malden	1	National Grid	1248	832	416	18821	157	0.19	Gas	Gas
1697	Dec	9069A	Linden	217 Oliver St	Malden	1	National Grid	1482	988	494	14557	144	0.15	Gas	Gas
1698	Dec	9069B	Linden	219 Oliver St	Malden	1	National Grid	1482	988	494	14557	144	0.15	Gas	Gas
1699	Dec	9069C	Linden	221 Oliver St	Malden	1	National Grid	1482	988	494	14557	144	0.15	Gas	Gas
1700	Dec	9069D	Linden	223 Oliver st	Malden	1	National Grid	1482	988	494	14557	144	0.15	Gas	Gas
1701	Dec	9072A	Linden	84 Wescott St	Malden	1	National Grid	1599	1066	533	21653	231	0.22	Gas	Gas
1702	Dec	9072B	Linden	86 Wescott St	Malden	1	National Grid	1599	1066	533	21653	231	0.22	Gas	Gas
1703	Dec	9076A	Linden	78 Wescott St	Malden	1	National Grid	1599	1066	533	21653	231	0.22	Gas	Gas
1704	Dec	9076B	Linden	80 Westcott St	Malden	1	National Grid	1599	1066	533	16874	180	0.17	Gas	Gas
1705	Dec	9081A	Linden	71 Hunting St	Malden	1	National Grid	1248	832	416	14386	120	0.14	Gas	Gas
1706	Dec	9081B	Linden	73 Hunting St	Malden	1	National Grid	1248	832	416	14386	120	0.14	Gas	Gas
1707	Dec	9081C	Linden	75 Hunting St	Malden	1	National Grid	1248	832	416	14386	120	0.14	Gas	Gas
1708	Dec	9081D	Linden	77 Hunting St	Malden	1	National Grid	1248	832	416	14386	120	0.14	Gas	Gas
1709	Dec	9083A	Linden	89 Wescott St	Malden	1	National Grid	1248	832	416	18599	155	0.19	Gas	Gas
1710	Dec	9083B	Linden	91 Wescott St	Malden	1	National Grid	1248	832	416	18599	155	0.19	Gas	Gas
1711	Dec	9083C	Linden	93 Wescott St	Malden	1	National Grid	1248	832	416	18599	155	0.19	Gas	Gas
1712	Dec	9083D	Linden	95 Wescott St	Malden	1	National Grid	1248	832	416	18599	155	0.19	Gas	Gas
1713	Dec	9090A	Linden	98 Plainfield Ave	Malden	1	National Grid	1248	832	416	13097	436	0.52	Gas	Gas
1714	Dec	9090B	Linden	100 Plainfield Ave	Malden	1	National Grid	1248	832	416	13097	436	0.52	Gas	Gas
1715	Dec	9090C	Linden	106 Plainfield Ave	Malden	1	National Grid	1248	832	416	13097	436	0.52	Gas	Gas
1716	Dec	9090D	Linden	108 Plainfield Ave	Malden	1	National Grid	1248	832	416	13097	436	0.52	Gas	Gas
1717	Dec	9093A	Linden	82 Plainfield Ave	Malden	1	National Grid	2541	1694	847	21424	847	0.50	Gas	Gas
1718	Dec	9093B	Linden	86 Plainfield Ave	Malden	1	National Grid	2541	1694	847	21424	847	0.50	Gas	Gas
1719	Dec	9093C	Linden	88 Plainfield Ave	Malden	1	National Grid	847	565	282	7141	282	0.50	Gas	Gas
1720	Dec	9094A	Linden	72 Plainfield Ave	Malden	1	National Grid	1248	832	416	15551	518	0.62	Gas	Gas
1721	Dec	9094B	Linden	74 Plainfield Ave	Malden	1	National Grid	1248	832	416	15551	518	0.62	Gas	Gas
1722	Dec	9094C	Linden	76 Plainfield Ave	Malden	1	National Grid	1248	832	416	15551	518	0.62	Gas	Gas
1723	Dec	9094D	Linden	78 Plainfield Ave	Malden	1	National Grid	1248	832	416	15551	518	0.62	Gas	Gas
1724	Dec	9101A	Linden	193 Coleman St	Malden	1	National Grid	1248	832	416	18019	150	0.18	Gas	Gas
1725	Dec	9101B	Linden	195 Coleman St	Malden	1	National Grid	1248	832	416	18019	150	0.18	Gas	Gas
1726	Dec	9101C	Linden	197 Coleman St	Malden	1	National Grid	1248	832	416	18019	150	0.18	Gas	Gas
1727	Dec	9101D	Linden	199 Coleman St	Malden	1	National Grid	1248	832	416	18019	150	0.18	Gas	Gas
1728	Dec	9103A	Linden	45 Hunting St	Malden	1	National Grid	1482	988	494	12536	124	0.13	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/Conditioned ft2	Annual Therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1729	Dec	9103B	Linden	47 Hunting St	Malden	1	National Grid	1482	988	494	12536	124	0.13	Gas	Gas
1730	Dec	9103C	Linden	49 Hunting St	Malden	1	National Grid	1482	988	494	12536	124	0.13	Gas	Gas
1731	Dec	9103D	Linden	51 Hunting St	Malden	1	National Grid	1482	988	494	12536	124	0.13	Gas	Gas
1732	Dec	9104A	Linden	188 Coleman St	Malden	1	National Grid	1599	1066	533	25858	276	0.26	Gas	Gas
1733	Dec	9104B	Linden	190 Coleman St	Malden	1	National Grid	1599	1066	533	25858	276	0.26	Gas	Gas
1734	Dec	9105A	Linden	52 Fulton St	Malden	1	National Grid	1248	832	416	12849	428	0.51	Gas	Gas
1735	Dec	9105B	Linden	54 Fulton St	Malden	1	National Grid	1248	832	416	12849	428	0.51	Gas	Gas
1736	Dec	9105C	Linden	56 Fulton St	Malden	1	National Grid	1248	832	416	12849	428	0.51	Gas	Gas
1737	Dec	9105D	Linden	58 Fulton St	Malden	1	National Grid	1248	832	416	12849	428	0.51	Gas	Gas
1738	Dec	9106A	Linden	35 Fulton St	Malden	1	National Grid	1248	832	416	10238	341	0.41	Gas	Gas
1739	Dec	9106B	Linden	37 Fulton St	Malden	1	National Grid	1248	832	416	10238	341	0.41	Gas	Gas
1740	Dec	9106C	Linden	39 Fulton St	Malden	1	National Grid	1248	832	416	10238	341	0.41	Gas	Gas
1741	Dec	9106D	Linden	41 Fulton St	Malden	1	National Grid	1248	832	416	10238	341	0.41	Gas	Gas
1742	Dec	9107A	Linden	53 Fulton St	Malden	1	National Grid	1248	832	416	16314	543	0.65	Gas	Gas
1743	Dec	9107B	Linden	55 Fulton St	Malden	1	National Grid	1248	832	416	16314	543	0.65	Gas	Gas
1744	Dec	9107C	Linden	57 Fulton St	Malden	1	National Grid	1248	832	416	16314	543	0.65	Gas	Gas
1745	Dec	9107D	Linden	59 Fulton St	Malden	1	National Grid	1248	832	416	16314	543	0.65	Gas	Gas
1746	Dec	9108A	Linden	168 Coleman St	Malden	1	National Grid	1248	832	416	20628	172	0.21	Gas	Gas
1747	Dec	9108B	Linden	170 Coleman St	Malden	1	National Grid	1248	832	416	20628	172	0.21	Gas	Gas
1748	Dec	9108C	Linden	172 Coleman St	Malden	1	National Grid	1248	832	416	20628	172	0.21	Gas	Gas
1749	Dec	9108D	Linden	174 Coleman St	Malden	1	National Grid	1248	832	416	20628	172	0.21	Gas	Gas
1750	Dec	9109A	Linden	160 Coleman St	Malden	1	National Grid	1248	832	416	15375	128	0.15	Gas	Gas
1751	Dec	9109B	Linden	162 Coleman St	Malden	1	National Grid	1248	832	416	15375	128	0.15	Gas	Gas
1752	Dec	9109C	Linden	164 Coleman St	Malden	1	National Grid	1248	832	416	15375	128	0.15	Gas	Gas
1753	Dec	9109D	Linden	166 Coleman St	Malden	1	National Grid	1248	832	416	15375	128	0.15	Gas	Gas
1754	Dec	9111A	Linden	144 Coleman St	Malden	1	National Grid	1248	832	416	16000	133	0.16	Gas	Gas
1755	Dec	9111B	Linden	146 Coleman St	Malden	1	National Grid	1248	832	416	16000	133	0.16	Gas	Gas
1756	Dec	9111C	Linden	148 Coleman St	Malden	1	National Grid	1248	832	416	16000	133	0.16	Gas	Gas
1757	Dec	9115A	Linden	157 Coleman St	Malden	1	National Grid	1482	988	494	17516	173	0.18	Gas	Gas
1758	Dec	9115B	Linden	159 Coleman St	Malden	1	National Grid	1482	988	494	17516	173	0.18	Gas	Gas
1759	Dec	9115C	Linden	161 Coleman St	Malden	1	National Grid	1482	988	494	17516	173	0.18	Gas	Gas
1760	Dec	9115D	Linden	163 Coleman St	Malden	1	National Grid	1482	988	494	17516	173	0.18	Gas	Gas
1761	Dec	9111D	Linden	150 Coleman St	Malden	1	National Grid	1248	832	416	16000	133	0.16	Gas	Gas
1762	Dec	9119A	Linden	55 Plainfield Ave	Malden	1	National Grid	1482	988	494	15152	599	0.61	Gas	Gas
1763	Dec	9119B	Linden	57 Plainfield Ave	Malden	1	National Grid	1482	988	494	15152	599	0.61	Gas	Gas
1764	Dec	9119C	Linden	59 Plainfield Ave	Malden	1	National Grid	1482	988	494	15152	599	0.61	Gas	Gas
1765	Dec	9119D	Linden	61 Plainfield Ave	Malden	1	National Grid	1482	988	494	15152	599	0.61	Gas	Gas
1766	Dec	9120A	Linden	65 Plainfield Ave	Malden	1	National Grid	2132	1421	711	33432	1426	1.00	Gas	Gas
1767	Dec	9120B	Linden	116 Plainfield Ave	Malden	1	National Grid	1066	711	355	16716	356	0.50	Gas	Gas
1768	Dec	9122A	Linden	80 Coleman St	Malden	1	National Grid	1248	832	416	18006	150	0.18	Gas	Gas
1769	Dec	9122B	Linden	82 Coleman St	Malden	1	National Grid	1248	832	416	18006	150	0.18	Gas	Gas
1770	Dec	9122C	Linden	84 Coleman St	Malden	1	National Grid	1248	832	416	18006	150	0.18	Gas	Gas
1771	Dec	9122D	Linden	86 Coleman St	Malden	1	National Grid	1248	832	416	18006	150	0.18	Gas	Gas
1772	Dec	9123A	Linden	58 Coleman St	Malden	1	National Grid	1066	711	355	20793	443	0.62	Gas	Gas
1773	Dec	9123B	Linden	60 Coleman St	Malden	1	National Grid	2132	1421	711	41586	1773	1.25	Gas	Gas
1774	Dec	9124A	Linden	42 Coleman St	Malden	1	National Grid	1066	711	355	41182	293	0.41	Gas	Gas
1775	Dec	9124B	Linden	44 Coleman St	Malden	1	National Grid	2132	1421	711	82365	1171	0.82	Gas	Gas
1776	Dec	9125A	Linden	41 Coleman St	Malden	1	National Grid	2132	1421	711	40432	575	0.40	Gas	Gas
1777	Dec	9125B	Linden	43 Coleman St	Malden	1	National Grid	1066	711	355	20216	144	0.20	Gas	Gas
1778	Dec	9126A	Linden	57 Coleman St	Malden	1	National Grid	1482	988	494	17977	178	0.18	Gas	Gas
1779	Dec	9126B	Linden	59 Coleman St	Malden	1	National Grid	1482	988	494	17977	178	0.18	Gas	Gas
1780	Dec	9126C	Linden	61 Coleman St	Malden	1	National Grid	1482	988	494	17977	178	0.18	Gas	Gas
1781	Dec	9126D	Linden	63 Coleman St	Malden	1	National Grid	1482	988	494	17977	178	0.18	Gas	Gas

New England Gas 2012 Usage

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1	Jan	7420	Doolan Apartments	103-107 Mitchell Drive	Fall River	16	New England Gas	8294	8294	0	78856	6540	0.79	Gas	Gas
2	Jan	7400	Doolan Apartments	105 Mitchell Drive	Fall River	4	New England Gas	2205	2205	0	78856	1739	0.79	Gas	Gas
3	Jan	7401	Doolan Apartments	109 Mitchell Drive	Fall River	8	New England Gas	4410	4410	0	78856	3478	0.79	Gas	Gas
4	Jan	7403	Doolan Apartments	117 Mitchell Drive	Fall River	8	New England Gas	4410	4410	0	78856	3478	0.79	Gas	Gas
5	Jan	7422	Doolan Apartments	21 Mitchell Drive	Fall River	4	New England Gas	2100	2100	0	78856	1656	0.79	Gas	Gas
6	Jan	7424	Doolan Apartments	33 Mitchell Drive	Fall River	8	New England Gas	4200	4200	0	78856	3312	0.79	Gas	Gas
7	Jan	7425	Doolan Apartments	35 Mitchell Drive	Fall River	8	New England Gas	4200	4200	0	78856	3312	0.79	Gas	Gas
8	Jan	7380	Doolan Apartments	36-50 Mitchell Drive	Fall River	12	New England Gas	6075	6075	0	78856	4791	0.79	Gas	Gas
9	Jan	7426	Doolan Apartments	45 Mitchell Drive	Fall River	8	New England Gas	4200	4200	0	78856	3312	0.79	Gas	Gas
10	Jan	7406	Doolan Apartments	57 Mitchell Drive	Fall River	4	New England Gas	2073	2073	0	78856	1635	0.79	Gas	Gas
11	Jan	7395	Doolan Apartments	64 Mitchell Drive	Fall River	8	New England Gas	4050	4050	0	78856	3194	0.79	Gas	Gas
12	Feb	7407	Doolan Apartments	65 Mitchell Drive	Fall River	8	New England Gas	4147	4147	0	78641	3261	0.79	Gas	Gas
13	Feb	7412	Doolan Apartments	71 Mitchell Drive	Fall River	8	New England Gas	4147	4147	0	78641	3261	0.79	Gas	Gas
14	Feb	7397	Doolan Apartments	78-94 Mitchell Drive	Fall River	16	New England Gas	8100	8100	0	78641	6370	0.79	Gas	Gas
15	Feb	7414	Doolan Apartments	81 Mitchell Drive	Fall River	8	New England Gas	4147	4147	0	78641	3261	0.79	Gas	Gas
16	Feb	7427	Doolan Apartments	83 Mitchell Drive	Fall River	8	New England Gas	4200	4200	0	78641	3303	0.79	Gas	Gas
17	Feb	7415	Doolan Apartments	91 Mitchell Drive	Fall River	8	New England Gas	4147	4147	0	78641	3261	0.79	Gas	Gas
18	Feb	7417	Doolan Apartments	93 Mitchell Drive	Fall River	8	New England Gas	4147	4147	0	78641	3261	0.79	Gas	Gas
19	Feb	7428	Doolan Apartments	Community Building	Fall River	1	New England Gas	2910	2910	2909	78641	2288	0.79	Gas	Gas
20	Feb	1487	Greenwood Terrace	666 State Road 1	Westport	8	New England Gas	4568	4000	568	59507	2380	0.60	Gas	Gas
21	Feb	2109	Greenwood Terrace	666 State Road 2	Westport	8	New England Gas	4568	4000	568	59507	2380	0.60	Gas	Gas
22	Feb	2110	Greenwood Terrace	666 State Road 3	Westport	8	New England Gas	4568	4000	568	59507	2380	0.60	Gas	Gas
23	Mar	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 1	Fall River	4	New England Gas	3618	2412	0	69503	1676	0.70	Gas	Gas
24	Mar	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 10	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
25	Mar	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 11	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
26	Mar	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 12	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
27	Mar	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 13	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
28	Mar	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 14	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
29	Mar	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 15	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
30	Mar	2111	Greenwood Terrace	666 State Road 4	Westport	8	New England Gas	6843	4000	2843	59507	2380	0.60	Gas	Gas
31	Mar	2112	Greenwood Terrace	666 State Road 5	Westport	8	New England Gas	6843	4000	2843	59507	2380	0.60	Gas	Gas
32	Mar	2113	Greenwood Terrace	666 State Road 6	Westport	8	New England Gas	6843	4000	2843	59507	2380	0.60	Gas	Gas
33	Mar	2114	Greenwood Terrace	666 State Road Community Building	Westport	1	New England Gas	2665	1770	2664	103670	595	0.33	Gas	Gas
34	Apr	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 16	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
35	Apr	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 17	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
36	Apr	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 18	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
37	Apr	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 2	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
38	Apr	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 3	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
39	Apr	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 4	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
40	Apr	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 5	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
41	Apr	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 6	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
42	Apr	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 7	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
43	Apr	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 8	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
44	Apr	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 9	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
45	May	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 19	Fall River	4	New England Gas	4602	3068	0	69503	2132	0.70	Gas	Gas
46	May	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 20	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
47	May	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 21	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
48	May	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 22	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
49	May	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 23	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
50	May	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 24	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
51	May	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 25	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
52	May	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 26	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
53	May	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 27	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
54	May	Federal	Father V F Diaferio Village	220 Johnson Street - Comm Bldg	Fall River	1	New England Gas	7447	7447	0	113093	8422	1.13	Gas	Gas

New England Gas 2012 Usage

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55	May	Federal	Father V F Diaferio Village	220 Johnson Street - Maintenance Bldg	Fall River	1	New England Gas	1202	1202	0	69503	835	0.70	Gas	Gas
56	Jun	710	Academy	102 South Main Street	Fall River	85	New England Gas	73080	59208	18907	87092	51566	0.87	Gas	Gas
57	Jun	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 28	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
58	Jun	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 29	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
59	Jun	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 30	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
60	Jun	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 31	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
61	Jun	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 32	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
62	Jun	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 33	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
63	Jun	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 34	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
64	Jun	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 35	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
65	Jun	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 36	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
66	Jun	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 37	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
67	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 38	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
68	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 39	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
69	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 40	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
70	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 41	Fall River	4	New England Gas	5382	3588	0	69503	2494	0.70	Gas	Gas
71	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 42	Fall River	6	New England Gas	7902	5268	0	69503	3661	0.70	Gas	Gas
72	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 43	Fall River	6	New England Gas	7902	5268	0	69503	3661	0.70	Gas	Gas
73	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 44	Fall River	6	New England Gas	7902	5268	0	69503	3661	0.70	Gas	Gas
74	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 45	Fall River	6	New England Gas	7902	5268	0	69503	3661	0.70	Gas	Gas
75	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 46	Fall River	6	New England Gas	7902	5268	0	69503	3661	0.70	Gas	Gas
76	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 47	Fall River	6	New England Gas	7902	5268	0	69503	3661	0.70	Gas	Gas
77	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 48	Fall River	6	New England Gas	7902	5268	0	69503	3661	0.70	Gas	Gas
78	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 49	Fall River	6	New England Gas	7902	5268	0	69503	3661	0.70	Gas	Gas
79	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 50	Fall River	6	New England Gas	2834	2834	0	69503	1970	0.70	Gas	Gas
80	Jul	Federal	Father V F Diaferio Village	220 Johnson Street - Bldg 51	Fall River	6	New England Gas	2834	2834	0	69503	1970	0.70	Gas	Gas
81	Aug	Federal	Sunset Hill	1 Sunset Hill	Fall River	1	New England Gas	1224	612	612	115931	710	1.16	Gas	Gas
82	Aug	Federal	Sunset Hill	2 Sunset Hill	Fall River	1	New England Gas	1224	612	612	115931	710	1.16	Gas	Gas
83	Aug	Federal	Sunset Hill	21 Sunset Hill	Fall River	1	New England Gas	1224	612	612	108252	663	1.08	Gas	Gas
84	Aug	Federal	Sunset Hill	22 Sunset Hill	Fall River	1	New England Gas	1224	612	612	108252	663	1.08	Gas	Gas
85	Aug	Federal	Sunset Hill	23 Sunset Hill	Fall River	1	New England Gas	1224	612	612	88399	541	0.88	Gas	Gas
86	Aug	Federal	Sunset Hill	24 Sunset Hill	Fall River	1	New England Gas	1224	612	612	88399	541	0.88	Gas	Gas
87	Aug	Federal	Sunset Hill	25 Sunset Hill	Fall River	1	New England Gas	1224	612	612	102533	628	1.03	Gas	Gas
88	Aug	Federal	Sunset Hill	26 Sunset Hill	Fall River	1	New England Gas	1224	612	612	102533	628	1.03	Gas	Gas
89	Aug	Federal	Sunset Hill	3 Sunset Hill	Fall River	1	New England Gas	1224	612	612	119853	734	1.20	Gas	Gas
90	Aug	Federal	Sunset Hill	332 Sunset Hill	Fall River	1	New England Gas	1224	612	612	97958	600	0.98	Gas	Gas
91	Aug	Federal	Sunset Hill	333 Sunset Hill	Fall River	1	New England Gas	1224	612	612	97958	600	0.98	Gas	Gas
92	Aug	Federal	Sunset Hill	334 Sunset Hill	Fall River	1	New England Gas	1224	612	612	103758	635	1.04	Gas	Gas
93	Aug	Federal	Sunset Hill	335 Sunset Hill	Fall River	1	New England Gas	1224	612	612	103758	635	1.04	Gas	Gas
94	Aug	Federal	Sunset Hill	336 Sunset Hill	Fall River	1	New England Gas	1224	612	612	113480	695	1.13	Gas	Gas
95	Aug	Federal	Sunset Hill	337 Sunset Hill	Fall River	1	New England Gas	1224	612	612	113480	695	1.13	Gas	Gas
96	Aug	Federal	Sunset Hill	350 Sunset Hill	Fall River	1	New England Gas	1224	612	612	104085	637	1.04	Gas	Gas
97	Aug	Federal	Sunset Hill	351 Charles Street (Office)	Fall River	1	New England Gas	7158	3579	7158	73261	2622	0.73	Gas	Gas
98	Aug	Federal	Sunset Hill	351 Sunset Hill	Fall River	1	New England Gas	1224	612	612	104085	637	1.04	Gas	Gas
99	Aug	Federal	Sunset Hill	352 Sunset Hill	Fall River	1	New England Gas	1224	612	612	140523	860	1.41	Gas	Gas
100	Aug	Federal	Sunset Hill	353 Sunset Hill	Fall River	1	New England Gas	1224	612	612	140523	860	1.41	Gas	Gas
101	Aug	Federal	Sunset Hill	354 Sunset Hill	Fall River	1	New England Gas	1224	612	612	78023	478	0.78	Gas	Gas
102	Sep	Federal	Sunset Hill	165 Sunset Hill	Fall River	1	New England Gas	1218	812	406	213092	869	1.07	Gas	Gas
103	Sep	Federal	Sunset Hill	166 Sunset Hill	Fall River	1	New England Gas	1218	812	406	213092	869	1.07	Gas	Gas
104	Sep	Federal	Sunset Hill	167 Sunset Hill	Fall River	1	New England Gas	1218	812	406	213092	869	1.07	Gas	Gas
105	Sep	Federal	Sunset Hill	168 Sunset Hill	Fall River	1	New England Gas	1218	812	406	213092	869	1.07	Gas	Gas
106	Sep	Federal	Sunset Hill	169 Sunset Hill	Fall River	1	New England Gas	1218	812	406	213092	869	1.07	Gas	Gas
107	Sep	Federal	Sunset Hill	170 Sunset Hill	Fall River	1	New England Gas	1218	812	406	213092	869	1.07	Gas	Gas
108	Sep	Federal	Sunset Hill	171 Sunset Hill	Fall River	1	New England Gas	1218	812	406	213092	869	1.07	Gas	Gas

New England Gas 2012 Usage

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
109	Sep	Federal	Sunset Hill	172 Sunset Hill	Fall River	1	New England Gas	1218	812	406	213092	869	1.07	Gas	Gas
110	Sep	Federal	Sunset Hill	173 Sunset Hill	Fall River	1	New England Gas	1218	812	406	213092	869	1.07	Gas	Gas
111	Sep	Federal	Sunset Hill	174 Sunset Hill	Fall River	1	New England Gas	1218	812	406	213092	869	1.07	Gas	Gas
112	Sep	Federal	Sunset Hill	175 Sunset Hill	Fall River	1	New England Gas	1218	812	406	213092	869	1.07	Gas	Gas
113	Sep	Federal	Sunset Hill	176 Sunset Hill	Fall River	1	New England Gas	1218	812	406	213092	869	1.07	Gas	Gas
114	Sep	Federal	Sunset Hill	177 Sunset Hill	Fall River	1	New England Gas	1218	812	406	213092	869	1.07	Gas	Gas
115	Sep	Federal	Sunset Hill	355 Sunset Hill	Fall River	1	New England Gas	1224	612	612	78023	478	0.78	Gas	Gas
116	Sep	Federal	Sunset Hill	4 Sunset Hill	Fall River	1	New England Gas	1224	612	612	119853	734	1.20	Gas	Gas
117	Sep	Federal	Sunset Hill	5 Sunset Hill	Fall River	1	New England Gas	1224	612	612	129493	793	1.29	Gas	Gas
118	Sep	Federal	Sunset Hill	6 Sunset Hill	Fall River	1	New England Gas	1224	612	612	129493	793	1.29	Gas	Gas
119	Oct	Federal	Sunset Hill	10 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	163615	608	0.82	Gas	Gas
120	Oct	Federal	Sunset Hill	11 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	163615	608	0.82	Gas	Gas
121	Oct	Federal	Sunset Hill	12 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	163615	608	0.82	Gas	Gas
122	Oct	Federal	Sunset Hill	13 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	163615	608	0.82	Gas	Gas
123	Oct	Federal	Sunset Hill	14 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	163615	608	0.82	Gas	Gas
124	Oct	Federal	Sunset Hill	15 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	163615	608	0.82	Gas	Gas
125	Oct	Federal	Sunset Hill	16 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	163615	608	0.82	Gas	Gas
126	Oct	Federal	Sunset Hill	17 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	163615	608	0.82	Gas	Gas
127	Oct	Federal	Sunset Hill	8 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	163615	608	0.82	Gas	Gas
128	Oct	Federal	Sunset Hill	9 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	163615	608	0.82	Gas	Gas
129	Nov	Federal	Sunset Hill	18 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	163615	608	0.82	Gas	Gas
130	Nov	Federal	Sunset Hill	19 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	163615	608	0.82	Gas	Gas
131	Nov	Federal	Sunset Hill	20 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	163615	608	0.82	Gas	Gas
132	Nov	Federal	Sunset Hill	27 Sunset Hill	Fall River	1	New England Gas	1320	879.6666667	439.83333	211993	932	1.06	Gas	Gas
133	Nov	Federal	Sunset Hill	28 Sunset Hill	Fall River	1	New England Gas	1320	879.6666667	439.83333	211993	932	1.06	Gas	Gas
134	Nov	Federal	Sunset Hill	29 Sunset Hill	Fall River	1	New England Gas	1320	879.6666667	439.83333	211993	932	1.06	Gas	Gas
135	Nov	Federal	Sunset Hill	30 Sunset Hill	Fall River	1	New England Gas	1320	879.6666667	439.83333	211993	932	1.06	Gas	Gas
136	Nov	Federal	Sunset Hill	31 Sunset Hill	Fall River	1	New England Gas	1320	879.6666667	439.83333	211993	932	1.06	Gas	Gas
137	Nov	Federal	Sunset Hill	32 Sunset Hill	Fall River	1	New England Gas	1320	879.6666667	439.83333	211993	932	1.06	Gas	Gas
138	Nov	Federal	Sunset Hill	33 Sunset Hill	Fall River	1	New England Gas	1320	879.6666667	439.83333	211993	932	1.06	Gas	Gas
139	Dec	Federal	Sunset Hill	34 Sunset Hill	Fall River	1	New England Gas	1320	879.6666667	439.83333	211993	932	1.06	Gas	Gas
140	Dec	Federal	Sunset Hill	35 Sunset Hill	Fall River	1	New England Gas	1320	879.6666667	439.83333	211993	932	1.06	Gas	Gas
141	Dec	Federal	Sunset Hill	36 Sunset Hill	Fall River	1	New England Gas	1320	879.6666667	439.83333	211993	932	1.06	Gas	Gas
142	Dec	Federal	Sunset Hill	37 Sunset Hill	Fall River	1	New England Gas	1320	879.6666667	439.83333	211993	932	1.06	Gas	Gas
143	Dec	Federal	Sunset Hill	38 Sunset Hill	Fall River	1	New England Gas	1320	879.6666667	439.83333	211993	932	1.06	Gas	Gas
144	Dec	Federal	Sunset Hill	39 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	200577	745	1.00	Gas	Gas
145	Dec	Federal	Sunset Hill	40 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	200577	745	1.00	Gas	Gas
146	Dec	Federal	Sunset Hill	41 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	200577	745	1.00	Gas	Gas
147	Dec	Federal	Sunset Hill	42 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	200577	745	1.00	Gas	Gas
148	Dec	Federal	Sunset Hill	43 Sunset Hill	Fall River	1	New England Gas	1114	742.8571429	371.42857	200577	745	1.00	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel#2
1	Jan	7180	51-57 Beals	51-53 Beals	Brookline	15	NStar	8823	8823	3123	N/A	7.52	Gas	Gas
2	Jan	7181	51-57 Beals	55-57 Beals	Brookline	18	NStar	8856	8856	2856	N/A	8.54	Oil	Gas
3	Jan	6499	St. Paul's	34 MT. AUBURN ST.	Cambridge	19	NStar	13993	13993	4493	8.39	N/A	Gas	Gas
4	Jan	Federal	COGGESHALL	525 COGGESHALL ST	New Bedford	48	NStar	26772	26772	0	5.77	N/A	Gas	Gas
5	Jan	Federal	MOSHER ST	16 MOSHER ST	New Bedford	2	NStar	3420	3420	0	7.58	N/A	Gas	Gas
6	Jan	6654	Alec Street	12-14 Alec St	New Bedford	4	NStar	5600	3734	1866	1.58	N/A	Gas	Gas
7	Jan	6656	Alec Street	20-22 Alec St	New Bedford	4	NStar	5600	3734	1866	2.03	N/A	Gas	Gas
8	Jan	6652	Alec Street	4-6 Alec St	New Bedford	4	NStar	5600	3734	1866	2.83	N/A	Gas	Gas
9	Jan	6732	Bourne St	51 Bourne St	New Bedford	12	NStar	11025	11025	3307	5.68	N/A	Gas	Gas
10	Jan	7220	Sawyer Park	359-361 SAWYER ST	New Bedford	6	NStar	3200	3200	640	6.23	N/A	Electric	Electric
11	Jan	Federal	NORTH COTTAGE	191 North St	New Bedford	2	NStar	2444	2444	0	6.97	N/A	Gas	Gas
12	Jan	Federal	NORTH COTTAGE	195 North St	New Bedford	2	NStar	2280	2280	0	5.24	N/A	Gas	Gas
13	Jan	Federal	NORTH COTTAGE	197 North St	New Bedford	2	NStar	2280	2280	0	6.48	N/A	Gas	Gas
14	Jan	Federal	NORTH COTTAGE	414 Cottage/103 Smith St	New Bedford	2	NStar	3088	3088	0	6.13	N/A	Gas	Gas
15	Jan	Federal	SATELLITE VILLAGE	10 GEMINI DR G-68L	New Bedford	2	NStar	1940	1940	0	7.32	N/A	Gas	Gas
16	Jan	Federal	SATELLITE VILLAGE	104 ARIES DR B-22L	New Bedford	2	NStar	2530	2530	0	6.12	N/A	Gas	Gas
17	Jan	Federal	SATELLITE VILLAGE	108 ARIES DR B-20L	New Bedford	2	NStar	2002	2002	0	7.96	N/A	Gas	Gas
18	Jan	Federal	SATELLITE VILLAGE	114 ARIES DR B-17L	New Bedford	2	NStar	1940	1940	0	6.70	N/A	Gas	Gas
19	Jan	Federal	SATELLITE VILLAGE	116 ARIES DR B-16L	New Bedford	2	NStar	1940	1940	0	6.63	N/A	Gas	Gas
20	Jan	Federal	SATELLITE VILLAGE	118 ARIES DR B-15L	New Bedford	2	NStar	2476	2476	0	6.66	N/A	Gas	Gas
21	Jan	Federal	SATELLITE VILLAGE	120 ARIES DR B-14L	New Bedford	2	NStar	2002	2002	0	6.81	N/A	Gas	Gas
22	Jan	Federal	SATELLITE VILLAGE	121 ARIES DR B-13R	New Bedford	2	NStar	2476	2476	0	5.22	N/A	Gas	Gas
23	Jan	Federal	SATELLITE VILLAGE	126 VIRGO DR B-11L	New Bedford	2	NStar	2530	2530	0	5.47	N/A	Gas	Gas
24	Jan	Federal	SATELLITE VILLAGE	128 VIRGO DR A-10L	New Bedford	2	NStar	3052	3052	0	6.32	N/A	Gas	Gas
25	Jan	Federal	SATELLITE VILLAGE	131 VIRGO DR A-8R	New Bedford	2	NStar	2476	2476	0	5.59	N/A	Gas	Gas
26	Jan	Federal	SATELLITE VILLAGE	136 VIRGO DR A-6L	New Bedford	2	NStar	1940	1940	0	7.92	N/A	Gas	Gas
27	Jan	Federal	SATELLITE VILLAGE	137 VIRGO DR A-5R	New Bedford	2	NStar	1940	1940	0	5.56	N/A	Gas	Gas
28	Jan	Federal	SATELLITE VILLAGE	139 VIRGO DR A-4R	New Bedford	2	NStar	1940	1940	0	6.22	N/A	Gas	Gas
29	Jan	Federal	SATELLITE VILLAGE	14 GEMINI DR G-70L	New Bedford	2	NStar	2476	2476	0	5.54	N/A	Gas	Gas
30	Jan	Federal	SATELLITE VILLAGE	146 VIRGO DR A-1L	New Bedford	2	NStar	2452	2452	0	5.49	N/A	Gas	Gas
31	Jan	Federal	SATELLITE VILLAGE	2 GEMINI DR G-64L	New Bedford	2	NStar	2452	2452	0	6.57	N/A	Gas	Gas
32	Jan	Federal	SATELLITE VILLAGE	20 GEMINI DR G-73L	New Bedford	2	NStar	2452	2452	0	5.06	N/A	Gas	Gas
33	Jan	Federal	SATELLITE VILLAGE	21 APOLLO DR F-54R	New Bedford	2	NStar	3036	3036	0	6.42	N/A	Gas	Gas
34	Jan	Federal	SATELLITE VILLAGE	24 APOLLO DR F-55L	New Bedford	2	NStar	2460	2460	0	5.03	N/A	Gas	Gas
35	Jan	Federal	SATELLITE VILLAGE	25 APOLLO DR F-56R	New Bedford	2	NStar	1940	1940	0	7.16	N/A	Gas	Gas
36	Jan	Federal	SATELLITE VILLAGE	29 APOLLO DR F-58R	New Bedford	2	NStar	1940	1940	0	5.49	N/A	Gas	Gas
37	Jan	Federal	SATELLITE VILLAGE	34 APOLLO DR F-60L	New Bedford	2	NStar	2452	2452	0	5.93	N/A	Gas	Gas
38	Jan	Federal	SATELLITE VILLAGE	36 APOLLO DR F-61L	New Bedford	2	NStar	1940	1940	0	5.97	N/A	Gas	Gas
39	Jan	Federal	SATELLITE VILLAGE	38 APOLLO DR F-62L	New Bedford	2	NStar	2476	2476	0	10.90	N/A	Gas	Gas
40	Jan	Federal	SATELLITE VILLAGE	39 APOLLO DR F-63R	New Bedford	2	NStar	2452	2452	0	6.50	N/A	Gas	Gas
41	Jan	Federal	SATELLITE VILLAGE	4 GEMINI DR G-65L	New Bedford	2	NStar	2476	2476	0	6.59	N/A	Gas	Gas
42	Jan	Federal	SATELLITE VILLAGE	45 VENUS DR E-51R	New Bedford	2	NStar	2476	2476	0	5.44	N/A	Gas	Gas
43	Jan	Federal	SATELLITE VILLAGE	50 VENUS DR E-49L	New Bedford	2	NStar	1940	1940	0	5.06	N/A	Gas	Gas
44	Jan	Federal	SATELLITE VILLAGE	51 VENUS DR E-48R	New Bedford	2	NStar	1940	1940	0	7.66	N/A	Gas	Gas
45	Jan	Federal	SATELLITE VILLAGE	54 VENUS DR E-47L	New Bedford	2	NStar	1940	1940	0	6.39	N/A	Gas	Gas
46	Jan	Federal	SATELLITE VILLAGE	55 VENUS DR E-46	New Bedford	2	NStar	1940	1940	0	5.84	N/A	Gas	Gas
47	Jan	Federal	SATELLITE VILLAGE	59 VENUS DR E-44R	New Bedford	2	NStar	2476	2476	0	10.23	N/A	Gas	Gas
48	Jan	Federal	SATELLITE VILLAGE	63 SATURN DR D-42R	New Bedford	2	NStar	2460	2460	0	5.57	N/A	Gas	Gas
49	Jan	Federal	SATELLITE VILLAGE	67 SATURN DR D-40R	New Bedford	2	NStar	1940	1940	0	8.58	N/A	Gas	Gas
50	Jan	Federal	SATELLITE VILLAGE	70 SATURN DR D-39L	New Bedford	2	NStar	2476	2476	0	6.08	N/A	Gas	Gas
51	Jan	Federal	SATELLITE VILLAGE	72 SATURN DR D-38L	New Bedford	2	NStar	1940	1940	0	5.35	N/A	Gas	Gas
52	Jan	Federal	SATELLITE VILLAGE	73 SATURN DR D-37R	New Bedford	2	NStar	2476	2476	0	7.16	N/A	Gas	Gas
53	Jan	Federal	SATELLITE VILLAGE	76 SATURN DR D-36L	New Bedford	2	NStar	2476	2476	0	5.01	N/A	Gas	Gas
54	Jan	Federal	SATELLITE VILLAGE	8 GEMINI DR G-67L	New Bedford	2	NStar	2476	2476	0	5.52	N/A	Gas	Gas
55	Jan	Federal	SATELLITE VILLAGE	80 SATURN DR D-34L	New Bedford	2	NStar	1940	1940	0	5.52	N/A	Gas	Gas
56	Jan	Federal	SATELLITE VILLAGE	81 LIBRA DR C-33R	New Bedford	2	NStar	2244	2244	0	5.94	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ unit	Heating Fuel	Hot Water Fuel
57	Jan	Federal	SATELLITE VILLAGE	83 LIBRA DR C-32R	New Bedford	2	NStar	2244	2244	0	6.83	N/A	Gas	Gas
58	Jan	Federal	SATELLITE VILLAGE	90 LIBRA DR C-29L	New Bedford	2	NStar	2002	2002	0	8.36	N/A	Gas	Gas
59	Jan	Federal	SATELLITE VILLAGE	91 LIBRA DR C-28R	New Bedford	2	NStar	2476	2476	0	5.22	N/A	Gas	Gas
60	Jan	Federal	SATELLITE VILLAGE	93 LIBRA DR C-27R	New Bedford	2	NStar	2002	2002	0	5.52	N/A	Gas	Gas
61	Jan	Federal	SATELLITE VILLAGE	96 LIBRA DR C-26L	New Bedford	2	NStar	2002	2002	0	7.37	N/A	Gas	Gas
62	Jan	7140	Bryant Manor	75 MYRTLE STREET/BLDG 1	Somerville	134	NStar	87670	87670	20670	7.26	N/A	Gas	Gas
63	Jan	7167	James E. Hagan Manor	268 WASHINGTON STREET/BLDG 1	Somerville	24	NStar	27656	20896	9656	6.47	N/A	Gas	Gas
64	Jan	7139	Properzi Manor	WARREN AVEUNE/BLDG 1	Somerville	110	NStar	38456	34960	5768	8.82	N/A	Gas	Gas
65	Jan	Federal	SOUTH FIRST ST	610 616 S-1ST ST	New Bedford	4	NStar	4600	4600	0	6.81	N/A	Gas	Gas
66	Jan	1193	Musketahquid Village	55 Hudson Road, #10	Sudbury	4	NStar	2624	2624	2129	17.57	N/A	Electric	Electric
67	Jan	1196	Musketahquid Village	55 Hudson Road, #13	Sudbury	4	NStar	2416	2416	1921	17.57	N/A	Electric	Electric
68	Jan	1198	Musketahquid Village	55 Hudson Road, #15	Sudbury	4	NStar	2624	2624	2129	17.57	N/A	Electric	Electric
69	Jan	1199	Musketahquid Village	55 Hudson Road, #16	Sudbury	4	NStar	2416	2416	1921	17.57	N/A	Electric	Electric
70	Jan	1187	Musketahquid Village	55 Hudson Road, #4	Sudbury	4	NStar	2416	2416	1921	17.57	N/A	Electric	Electric
71	Jan	1188	Musketahquid Village	55 Hudson Road, #5	Sudbury	4	NStar	2468	2468	1973	17.57	N/A	Electric	Electric
72	Jan	1189	Musketahquid Village	55 Hudson Road, #6	Sudbury	4	NStar	2468	2468	1973	17.57	N/A	Electric	Electric
73	Jan	1191	Musketahquid Village	55 Hudson Road, #8	Sudbury	4	NStar	2416	2416	1921	17.57	N/A	Electric	Electric
74	Jan	1192	Musketahquid Village	55 Hudson Road, #9	Sudbury	4	NStar	2582	2582	2087	17.57	N/A	Electric	Electric
75	Jan	1110	UE - Wardman Apartments	7 & 19 Wardman Rd, 60 Walnut Park and 71 W	Roxbury	54	NStar	64030	45645	18385	7.25	N/A	Gas	Gas
76	Jan	Federal	WESTLAWN	157 163 LIBERTY ST	New Bedford	4	NStar	3922	3922	0	6.43	N/A	Gas	Gas
77	Jan	Federal	WESTLAWN	165 169 LIBERTY ST	New Bedford	4	NStar	2928	2928	0	6.43	N/A	Gas	Gas
78	Jan	Federal	WESTLAWN	191 195 LIBERTY ST	New Bedford	4	NStar	2928	2928	0	6.43	N/A	Gas	Gas
79	Jan	Federal	WESTLAWN	197 LIBERTY ST (OFFICE BLDG)	New Bedford	1	NStar	975	975	0	6.43	N/A	Gas	Gas
80	Jan	Federal	WESTLAWN	199 205 LIBERTY ST	New Bedford	4	NStar	3240	3240	0	6.43	N/A	Gas	Gas
81	Jan	Federal	WESTLAWN	207 213 LIBERTY ST	New Bedford	4	NStar	3240	3240	0	6.43	N/A	Gas	Gas
82	Jan	Federal	WESTLAWN	217 223 LIBERTY ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
83	Jan	Federal	WESTLAWN	220 226 LINDSEY ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
84	Jan	Federal	WESTLAWN	228 232 LINDSEY ST	New Bedford	4	NStar	3922	3922	0	6.43	N/A	Gas	Gas
85	Jan	Federal	WESTLAWN	283 289 HILLMAN ST	New Bedford	4	NStar	3922	3922	0	6.43	N/A	Gas	Gas
86	Jan	Federal	WESTLAWN	293 299 HILLMAN ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
87	Jan	Federal	WESTLAWN	302 306 SMITH ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
88	Jan	Federal	WESTLAWN	305 311 HILLMAN ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
89	Jan	Federal	WESTLAWN	308 308C SMITH ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
90	Jan	Federal	WESTLAWN	316 316C SMITH ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
91	Jan	Federal	WESTLAWN	317 323 HILLMAN ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
92	Jan	Federal	WESTLAWN	318 318C SMITH ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
93	Jan	Federal	WESTLAWN	320 320C SMITH ST	New Bedford	4	NStar	3240	3240	0	6.43	N/A	Gas	Gas
94	Jan	Federal	WESTLAWN	322 322C SMITH ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
95	Jan	Federal	WESTLAWN	330 330C SMITH ST	New Bedford	4	NStar	3240	3240	0	6.43	N/A	Gas	Gas
96	Jan	Federal	WESTLAWN	332 332C SMITH ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
97	Jan	Federal	WESTLAWN	340 340C SMITH ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
98	Jan	Federal	WESTLAWN	342 342C SMITH ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
99	Jan	Federal	WESTLAWN	350 350C SMITH ST	New Bedford	4	NStar	3922	3922	0	6.43	N/A	Gas	Gas
100	Jan	Federal	WESTLAWN	352 352C SMITH ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
101	Jan	Federal	WESTLAWN	439 445 MAXFIELD ST	New Bedford	4	NStar	3240	3240	0	6.43	N/A	Gas	Gas
102	Jan	Federal	WESTLAWN	440 446 MAXFIELD ST	New Bedford	4	NStar	3240	3240	0	6.43	N/A	Gas	Gas
103	Jan	Federal	WESTLAWN	447 447C MAXFIELD ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
104	Jan	Federal	WESTLAWN	448 448C MAXFIELD ST	New Bedford	4	NStar	3922	3922	0	6.43	N/A	Gas	Gas
105	Jan	Federal	WESTLAWN	450 450C MAXFIELD ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
106	Jan	Federal	WESTLAWN	451 451C MAXFIELD ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
107	Jan	Federal	WESTLAWN	452 452B MAXFIELD ST	New Bedford	4	NStar	3922	3922	0	6.43	N/A	Gas	Gas
108	Jan	Federal	WESTLAWN	455 455C MAXFIELD ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
109	Jan	Federal	WESTLAWN	456 456C MAXFIELD ST	New Bedford	4	NStar	3240	3240	0	6.43	N/A	Gas	Gas
110	Jan	Federal	WESTLAWN	458 458B MAXFIELD ST	New Bedford	4	NStar	2928	2928	0	6.43	N/A	Gas	Gas
111	Jan	Federal	WESTLAWN	461 461C MAXFIELD ST	New Bedford	4	NStar	3240	3240	0	6.43	N/A	Gas	Gas
112	Jan	Federal	WESTLAWN	462 462C MAXFIELD ST	New Bedford	4	NStar	3240	3240	0	6.43	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel#2
113	Jan	Federal	WESTLAWN	463 463C MAXFIELD ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
114	Jan	Federal	WESTLAWN	464 464B MAXFIELD ST	New Bedford	4	NStar	2928	2928	0	6.43	N/A	Gas	Gas
115	Jan	Federal	WESTLAWN	470 470C MAXFIELD ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
116	Jan	Federal	WESTLAWN	471 471C MAXFIELD ST	New Bedford	4	NStar	3240	3240	0	6.43	N/A	Gas	Gas
117	Jan	Federal	WESTLAWN	472 472B MAXFIELD ST	New Bedford	4	NStar	3922	3922	0	6.43	N/A	Gas	Gas
118	Jan	Federal	WESTLAWN	473 473C MAXFIELD ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
119	Jan	Federal	WESTLAWN	480 480C MAXFIELD ST	New Bedford	4	NStar	3922	3922	0	6.43	N/A	Gas	Gas
120	Jan	Federal	WESTLAWN	481 481C MAXFIELD ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
121	Jan	Federal	WESTLAWN	482 482C MAXFIELD ST	New Bedford	4	NStar	3922	3922	0	6.43	N/A	Gas	Gas
122	Jan	Federal	WESTLAWN	483 483C MAXFIELD ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
123	Jan	Federal	WESTLAWN	490 490C MAXFIELD ST	New Bedford	4	NStar	2928	2928	0	6.43	N/A	Gas	Gas
124	Jan	Federal	WESTLAWN	491 491C MAXFIELD ST	New Bedford	4	NStar	3922	3922	0	6.43	N/A	Gas	Gas
125	Jan	Federal	WESTLAWN	492 492B MAXFIELD ST	New Bedford	4	NStar	2928	2928	0	6.43	N/A	Gas	Gas
126	Jan	Federal	WESTLAWN	493 493C MAXFIELD ST	New Bedford	4	NStar	3632	3632	0	6.43	N/A	Gas	Gas
127	Jan	Federal	WESTLAWN	501 MAXFIELD ST	New Bedford	4	NStar	3372	3372	0	6.43	N/A	Gas	Gas
128	Jan	3497	Campbell	59 Campbell St.	Woburn	100	NStar	88060	88060	38060	9.63	N/A	Electric	Gas
129	Jan	3498	Library Place	Library Place	Woburn	45	NStar	27040	27040	4540	6.71	N/A	Gas	Gas
130	Feb	Federal	BAY VILLAGE	100 118 SECOND ST	New Bedford	9	Nstar	7128	7128	0	5.74	N/A	Gas	Gas
131	Feb	Federal	BAY VILLAGE	115 133 S SECOND ST	New Bedford	10	Nstar	7992	7992	0	5.74	N/A	Gas	Gas
132	Feb	Federal	BAY VILLAGE	116 128 ACUSHNET AVE	New Bedford	7	Nstar	5292	5292	0	5.74	N/A	Gas	Gas
133	Feb	Federal	BAY VILLAGE	116 128 GRIFFIN CT	New Bedford	7	Nstar	5980	5980	0	5.74	N/A	Gas	Gas
134	Feb	Federal	BAY VILLAGE	120 132 SECOND ST	New Bedford	7	Nstar	5980	5980	0	5.74	N/A	Gas	Gas
135	Feb	Federal	BAY VILLAGE	121 133 ACUSHNET AVE	New Bedford	9	Nstar	7128	7128	0	5.74	N/A	Gas	Gas
136	Feb	Federal	BAY VILLAGE	121 133 SECOND ST	New Bedford	7	Nstar	5980	5980	0	5.74	N/A	Gas	Gas
137	Feb	Federal	BAY VILLAGE	135 149 SECOND ST	New Bedford	8	Nstar	6372	6372	0	5.74	N/A	Gas	Gas
138	Feb	Federal	BAY VILLAGE	151 169 SECOND ST	New Bedford	10	Nstar	8721	8721	0	5.74	N/A	Gas	Gas
139	Feb	Federal	BAY VILLAGE	188 206 ACUSHNET AVE	New Bedford	9	Nstar	7992	7992	0	5.74	N/A	Gas	Gas
140	Feb	Federal	BAY VILLAGE	208 222 ACUSHNET AVE	New Bedford	8	Nstar	6372	6372	0	5.74	N/A	Gas	Gas
141	Feb	Federal	BAY VILLAGE	224 242 ACUSHNET AVE	New Bedford	10	Nstar	7992	7992	0	5.74	N/A	Gas	Gas
142	Feb	Federal	BAY VILLAGE	244 262 ACUSHNET AVE	New Bedford	10	Nstar	8262	8262	0	5.74	N/A	Gas	Gas
143	Feb	Federal	BAY VILLAGE	65 83 S FIRST ST	New Bedford	10	Nstar	8262	8262	0	5.74	N/A	Gas	Gas
144	Feb	Federal	BAY VILLAGE	78 94 ACUSHNET AVE	New Bedford	9	Nstar	7506	7506	0	5.74	N/A	Gas	Gas
145	Feb	Federal	BAY VILLAGE	78 94 GRIFFIN CT	New Bedford	10	Nstar	7938	7938	0	5.74	N/A	Gas	Gas
146	Feb	Federal	BAY VILLAGE	79 97 GRIFFIN CT	New Bedford	10	Nstar	7938	7938	0	5.74	N/A	Gas	Gas
147	Feb	Federal	BAY VILLAGE	79 97 SECOND ST	New Bedford	10	Nstar	7992	7992	0	5.74	N/A	Gas	Gas
148	Feb	Federal	BAY VILLAGE	92 110 S SECOND ST	New Bedford	10	Nstar	8262	8262	0	5.74	N/A	Gas	Gas
149	Feb	Federal	BAY VILLAGE	93 111 S SECOND ST	New Bedford	10	Nstar	8262	8262	0	5.74	N/A	Gas	Gas
150	Feb	Federal	BAY VILLAGE	96 114 ACUSHNET AVE	New Bedford	10	Nstar	7992	7992	0	5.74	N/A	Gas	Gas
151	Feb	Federal	BAY VILLAGE	99 117 SECOND ST	New Bedford	10	Nstar	7992	7992	0	5.74	N/A	Gas	Gas
152	Feb	4950	Frederick Court	10, 14, 18 Frederick Court	Brewster	12	Nstar	9272	9272	3272	N/A	1.40	Gas	Gas
153	Feb	4951	Frederick Court	29, 33, 37 Frederick Court	Brewster	12	Nstar	9272	9272	3272	N/A	0.51	Gas	Gas
154	Feb	12340A	1-35 Hixson Farm Road	1 Hixson Farm Rd	Sharon	4	NStar	2216	2216	443.33333	17.18	N/A	Electric	Electric
155	Feb	7479	15 Inman St	15 Inman St	Cambridge	4	Nstar	6567	4800	2817	N/A	2.21	Gas	Gas
156	Feb	6500	45 Linnaean St	45 LINNAEAN ST	Cambridge	24	Nstar	16772	16772	4772	N/A	18.67	Gas	Gas
157	Feb	7485	Jefferson Park	1-4 Jefferson Park (Facility #1-Doors 1-4)	Cambridge	42	Nstar	47500	35625	17219	N/A	2.49	Gas	Gas
158	Feb	7487	Jefferson Park	1-4 Jefferson Park (Facility #3-Doors 7-10)	Cambridge	42	Nstar	47500	35625	17219	N/A	4.60	Gas	Gas
159	Feb	7486	Jefferson Park	1 & 12 JEFFERSON PARK (Facility #2-Doors 5-	Cambridge	12	Nstar	17500	13125	6344	N/A	4.37	Gas	Gas
160	Feb	7484	Jefferson Park	& 12 JEFFERSON PARK (Facility #4-Doors 11-	Cambridge	12	Nstar	17500	13125	6344	N/A	2.02	Gas	Gas
161	Feb	2211	Putnam Gardens	Bldg 2- Doors 4, 5, 6, 7, and 8	Cambridge	40	Nstar	41146	32918	8740	N/A	8.00	Gas	Gas
162	Feb	2212	Putnam Gardens	Bldg 3- Doors 9,10,11,12,13	Cambridge	40	Nstar	41146	32918	8740	N/A	7.21	Gas	Gas
163	Feb	6501	Putnam School	86 OTIS ST	Cambridge	33	Nstar	36287	36287	19787	5.17	N/A	Gas	Gas
164	Feb	5767	CANAL HOUSE	71 Canal Road	Orleans	3	Nstar	3146	3146	0	3.44	N/A	Oil	Oil
165	Feb	6814	Chapman Arms	122 Mt. Auburn St.	Cambridge	50	Nstar	35505	35505	8390	2.97	N/A	Gas	Gas
166	Feb	5647	14 Bloomingdale St	14 Bloomingdale Street	Chelsea	208	Nstar	87500	87500	81200	26.96	N/A	Electric	Electric
167	Feb	Federal	DUNCAN DOTTIN PLACE	104 122 AMANDA AVE	New Bedford	10	Nstar	10560	10560	0	5.56	N/A	Gas	Gas
168	Feb	Federal	DUNCAN DOTTIN PLACE	11 15 AMANDA AVE	New Bedford	3	Nstar	4139	4139	0	5.56	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sqft2	kWh/ sqft2	Heating Fuel	Hot Water Fuel#2
169	Feb	Federal	DUNCAN DOTTIN PLACE	113 119 AMANDA AVE	New Bedford	3	Nstar	4070	4070	0	5.56	N/A	Gas	Gas
170	Feb	Federal	DUNCAN DOTTIN PLACE	1169 1171 CHURCH ST	New Bedford	2	Nstar	2200	2200	0	5.56	N/A	Gas	Gas
171	Feb	Federal	DUNCAN DOTTIN PLACE	1177 1179 CHURCH ST	New Bedford	2	Nstar	2200	2200	0	5.56	N/A	Gas	Gas
172	Feb	Federal	DUNCAN DOTTIN PLACE	126 132 AMANDA AVE	New Bedford	4	Nstar	5532	5532	0	5.56	N/A	Gas	Gas
173	Feb	Federal	DUNCAN DOTTIN PLACE	144 154 AMANDA AVE	New Bedford	6	Nstar	4836	4836	0	5.56	N/A	Gas	Gas
174	Feb	Federal	DUNCAN DOTTIN PLACE	156 170 AMANDA AVE	New Bedford	7	Nstar	7719	7719	0	5.56	N/A	Gas	Gas
175	Feb	Federal	DUNCAN DOTTIN PLACE	159 169 AMANDA AVE	New Bedford	6	Nstar	5682	5682	0	5.56	N/A	Gas	Gas
176	Feb	Federal	DUNCAN DOTTIN PLACE	174 184 AMANDA AVE	New Bedford	6	Nstar	6859	6859	0	5.56	N/A	Gas	Gas
177	Feb	Federal	DUNCAN DOTTIN PLACE	188 198 AMANDA AVE	New Bedford	6	Nstar	6348	6348	0	5.56	N/A	Gas	Gas
178	Feb	Federal	DUNCAN DOTTIN PLACE	19 37 AMANDA AVE	New Bedford	10	Nstar	10395	10395	0	5.56	N/A	Gas	Gas
179	Feb	Federal	DUNCAN DOTTIN PLACE	191 205 AMANDA AVE	New Bedford	8	Nstar	7957	7957	0	5.56	N/A	Gas	Gas
180	Feb	Federal	DUNCAN DOTTIN PLACE	34 AMANDA AVE	New Bedford	1	Nstar	2072	2072	0	5.56	N/A	Gas	Gas
181	Feb	Federal	DUNCAN DOTTIN PLACE	44 68 AMANDA AVE	New Bedford	12	Nstar	11254	11254	0	5.56	N/A	Gas	Gas
182	Feb	Federal	DUNCAN DOTTIN PLACE	45 61 AMANDA AVE	New Bedford	6	Nstar	6820	6820	0	5.56	N/A	Gas	Gas
183	Feb	Federal	DUNCAN DOTTIN PLACE	72 82 AMANDA AVE	New Bedford	6	Nstar	6562	6562	0	5.56	N/A	Gas	Gas
184	Feb	Federal	DUNCAN DOTTIN PLACE	8 AMANDA AVE (OFFICE BLDG)	New Bedford	1	Nstar	5893	5893	0	5.56	N/A	Gas	Gas
185	Feb	Federal	DUNCAN DOTTIN PLACE	92 100 AMANDA AVE	New Bedford	5	Nstar	6357	6357	0	5.56	N/A	Gas	Gas
186	Feb	6220	Mason Place	80 Mason Street	Boston	127	Nstar	134915	120522	44179	N/A	9.36	Gas	Gas
187	Feb	7720	Merriam Street	57 Merriam Street	Somerville	2	Nstar	7148	5464	2094	4.53	N/A	Gas	Gas
188	Feb	6250	Ben Rose I	35 Delano Street - Community	New Bedford	1	Nstar	11250	5625	11249	0.86	N/A	Gas	Gas
189	Feb	5412	Church St I	711/715 CHURCH STREET	New Bedford	2	Nstar	2964	1976	988	3.14	N/A	Gas	Gas
190	Feb	5413	Church St I	717/719 CHURCH STREET	New Bedford	2	Nstar	2964	1976	988	4.10	N/A	Gas	Gas
191	Feb	5414	Church St I	721/723 CHURCH STREET	New Bedford	2	Nstar	2964	1976	1008	2.55	N/A	Gas	Gas
192	Feb	5415	Church St I	725/727 CHURCH STREET	New Bedford	2	Nstar	2964	1976	988	3.68	N/A	Gas	Gas
193	Feb	6718	Church St II	334-336 Church St	New Bedford	2	Nstar	3282	2188	1094	1.85	N/A	Gas	Gas
194	Feb	6734	Fillmore St	166 Fillmore St	New Bedford	4	Nstar	4224	2816	1408	4.17	N/A	Gas	Gas
195	Feb	6728	Loftus Street	283-285 Loftus St	New Bedford	2	Nstar	3696	2464	1232	2.68	N/A	Gas	Gas
196	Feb	6666	New Bedford Hotel Apartments	725 Pleasant St	New Bedford	113	Nstar	101844	91660	45344	2.51	N/A	Gas	Gas
197	Feb	7219	Sawyer Park	353-357 SAWYER ST	New Bedford	12	Nstar	9048	9048	1809	4.40	N/A	Electric	Electric
198	Feb	6739	Westwood	, HILLMAN, 137-145 LIBERTY, 318-320 TREMO	New Bedford	8	Nstar	5580	2790	2790	2.60	N/A	Gas	Gas
199	Feb	6737	Westwood	310 (EVENS) TREMONT ST, 259,61,65 NORTH	New Bedford	8	Nstar	5580	2790	2790	2.60	N/A	Gas	Gas
200	Feb	6738	Westwood	328 (EVENS) TREMONT ST, 290,92,96 HILLMA	New Bedford	8	Nstar	5580	2790	2790	2.60	N/A	Gas	Gas
201	Feb	6736	Westwood	NORTH ST, LIBERTY ST, TREMONT ST	New Bedford	8	Nstar	5580	2790	2790	2.60	N/A	Gas	Gas
202	Feb	Federal	NORTH COTTAGE	201 North St	New Bedford	2	Nstar	2949	2949	0	3.07	N/A	Gas	Gas
203	Feb	Federal	NORTH COTTAGE	420 422 Cottage St	New Bedford	2	Nstar	2360	2360	0	3.81	N/A	Gas	Gas
204	Feb	Federal	PRESIDENTIAL HEIGHTS	108 124 MONROE DR	New Bedford	9	Nstar	7290	7290	0	5.41	N/A	Gas	Gas
205	Feb	Federal	PRESIDENTIAL HEIGHTS	119 137 VAN BUREN ST	New Bedford	10	Nstar	8100	8100	0	6.18	N/A	Gas	Gas
206	Feb	Federal	PRESIDENTIAL HEIGHTS	126 144 VAN BUREN ST	New Bedford	10	Nstar	8100	8100	0	4.72	N/A	Gas	Gas
207	Feb	Federal	PRESIDENTIAL HEIGHTS	139 157 MT PLEASANT ST	New Bedford	10	Nstar	8100	8100	0	5.20	N/A	Gas	Gas
208	Feb	Federal	PRESIDENTIAL HEIGHTS	146 162 VAN BUREN ST	New Bedford	9	Nstar	7290	7290	0	5.82	N/A	Gas	Gas
209	Feb	Federal	PRESIDENTIAL HEIGHTS	159 FILLMORE ST (OFFICE BLDG)	New Bedford	1	Nstar	1612	1612	0	7.08	N/A	Gas	Gas
210	Feb	Federal	PRESIDENTIAL HEIGHTS	161 179 MYRTLE ST	New Bedford	9	Nstar	7290	7290	0	4.96	N/A	Gas	Gas
211	Feb	Federal	PRESIDENTIAL HEIGHTS	164 182 VAN BUREN ST	New Bedford	10	Nstar	8100	8100	0	6.61	N/A	Gas	Gas
212	Feb	Federal	PRESIDENTIAL HEIGHTS	2 22 MONROE DR	New Bedford	11	Nstar	9342	9342	0	5.48	N/A	Gas	Gas
213	Feb	Federal	PRESIDENTIAL HEIGHTS	27 45 MONROE DR	New Bedford	10	Nstar	8100	8100	0	6.01	N/A	Gas	Gas
214	Feb	Federal	PRESIDENTIAL HEIGHTS	28 46 MONROE DR	New Bedford	10	Nstar	8100	8100	0	5.24	N/A	Gas	Gas
215	Feb	Federal	PRESIDENTIAL HEIGHTS	3 21 MONROE DR	New Bedford	11	Nstar	9342	9342	0	6.91	N/A	Gas	Gas
216	Feb	Federal	PRESIDENTIAL HEIGHTS	310 326 MYRTLE ST	New Bedford	9	Nstar	7290	7290	0	5.34	N/A	Gas	Gas
217	Feb	Federal	PRESIDENTIAL HEIGHTS	319 335 MYRTLE ST	New Bedford	9	Nstar	7290	7290	0	5.95	N/A	Gas	Gas
218	Feb	Federal	PRESIDENTIAL HEIGHTS	337 357 MYRTLE ST	New Bedford	11	Nstar	9342	9342	0	5.35	N/A	Gas	Gas
219	Feb	Federal	PRESIDENTIAL HEIGHTS	350 366 MT PLEASANT ST	New Bedford	9	Nstar	7290	7290	0	5.76	N/A	Gas	Gas
220	Feb	Federal	PRESIDENTIAL HEIGHTS	359 375 MYRTLE ST	New Bedford	9	Nstar	7290	7290	0	8.40	N/A	Gas	Gas
221	Feb	Federal	PRESIDENTIAL HEIGHTS	368 388 MT PLEASANT ST	New Bedford	11	Nstar	9342	9342	0	5.16	N/A	Gas	Gas
222	Feb	Federal	PRESIDENTIAL HEIGHTS	49 69 MONROE DR	New Bedford	11	Nstar	9342	9342	0	4.89	N/A	Gas	Gas
223	Feb	Federal	PRESIDENTIAL HEIGHTS	50 70 MONROE DR	New Bedford	11	Nstar	9342	9342	0	5.78	N/A	Gas	Gas
224	Feb	7070	Saint James/The Franklin	11 East Newton Street	Boston	193	Nstar	178322	178322	54822	N/A	5.86	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel#2
225	Feb	Federal	SATELLITE VILLAGE	100 LIBRA DR C-24L	New Bedford	2	Nstar	2002	2002	0	3.11	N/A	Gas	Gas
226	Feb	Federal	SATELLITE VILLAGE	102 LIBRA DR C-236	New Bedford	2	Nstar	2002	2002	0	4.41	N/A	Gas	Gas
227	Feb	Federal	SATELLITE VILLAGE	106 ARIES DR B-21L	New Bedford	2	Nstar	2244	2244	0	3.85	N/A	Gas	Gas
228	Feb	Federal	SATELLITE VILLAGE	109 ARIES DR B-19R	New Bedford	2	Nstar	2476	2476	0	4.94	N/A	Gas	Gas
229	Feb	Federal	SATELLITE VILLAGE	11 GEMINI DR G-69R	New Bedford	2	Nstar	2476	2476	0	3.85	N/A	Gas	Gas
230	Feb	Federal	SATELLITE VILLAGE	112 ARIES DR B-18L	New Bedford	2	Nstar	2476	2476	0	2.77	N/A	Gas	Gas
231	Feb	Federal	SATELLITE VILLAGE	124 ARIES DR B-12L	New Bedford	2	Nstar	2244	2244	0	3.97	N/A	Gas	Gas
232	Feb	Federal	SATELLITE VILLAGE	130 VIRGO DR A-9L	New Bedford	2	Nstar	1940	1940	0	4.54	N/A	Gas	Gas
233	Feb	Federal	SATELLITE VILLAGE	134 VIRGO DR A-7L	New Bedford	2	Nstar	2476	2476	0	4.41	N/A	Gas	Gas
234	Feb	Federal	SATELLITE VILLAGE	141 VIRGO DR A-3R	New Bedford	2	Nstar	1940	1940	0	4.37	N/A	Gas	Gas
235	Feb	Federal	SATELLITE VILLAGE	143 VIRGO DR A-2R	New Bedford	2	Nstar	2176	2176	0	4.23	N/A	Gas	Gas
236	Feb	Federal	SATELLITE VILLAGE	15 GEMINI DR G-71R	New Bedford	2	Nstar	1940	1940	0	4.73	N/A	Gas	Gas
237	Feb	Federal	SATELLITE VILLAGE	17 GEMINI DR G-72R	New Bedford	2	Nstar	2476	2476	0	3.97	N/A	Gas	Gas
238	Feb	Federal	SATELLITE VILLAGE	27 APOLLO DR F-57R	New Bedford	2	Nstar	2460	2460	0	4.08	N/A	Gas	Gas
239	Feb	Federal	SATELLITE VILLAGE	32 APOLLO DR F-59L	New Bedford	2	Nstar	1940	1940	0	4.12	N/A	Gas	Gas
240	Feb	Federal	SATELLITE VILLAGE	42 VENUS DR E-53L	New Bedford	2	Nstar	1940	1940	0	4.71	N/A	Gas	Gas
241	Feb	Federal	SATELLITE VILLAGE	44 VENUS DR E-52L	New Bedford	2	Nstar	1940	1940	0	4.98	N/A	Gas	Gas
242	Feb	Federal	SATELLITE VILLAGE	47 VENUS DR E-50R	New Bedford	2	Nstar	3052	3052	0	4.65	N/A	Gas	Gas
243	Feb	Federal	SATELLITE VILLAGE	5 GEMINI DR G-66R	New Bedford	2	Nstar	1940	1940	0	4.28	N/A	Gas	Gas
244	Feb	Federal	SATELLITE VILLAGE	57 VENUS DR E-45R	New Bedford	2	Nstar	2460	2460	0	4.90	N/A	Gas	Gas
245	Feb	Federal	SATELLITE VILLAGE	61 SATURN DR D-43R	New Bedford	2	Nstar	1940	1940	0	4.59	N/A	Gas	Gas
246	Feb	Federal	SATELLITE VILLAGE	65 SATURN DR D-41R	New Bedford	2	Nstar	1940	1940	0	4.45	N/A	Gas	Gas
247	Feb	Federal	SATELLITE VILLAGE	77 SATURN DR D-35R	New Bedford	2	Nstar	1940	1940	0	4.14	N/A	Gas	Gas
248	Feb	Federal	SATELLITE VILLAGE	85 LIBRA DR C-31R	New Bedford	2	Nstar	2476	2476	0	3.76	N/A	Gas	Gas
249	Feb	Federal	SATELLITE VILLAGE	87 LIBRA DR C-30R	New Bedford	2	Nstar	2002	2002	0	4.11	N/A	Gas	Gas
250	Feb	Federal	SATELLITE VILLAGE	97 LIBRA DR C-25R	New Bedford	2	Nstar	2476	2476	0	3.62	N/A	Gas	Gas
251	Feb	6777	Washington Elderly	44-56 WASHINGTON AVE	Stoneham	7	Nstar	6200	3100	3400	N/A	0.61	Gas	Gas
252	Feb	6779	Washington Elderly	58-79 WASHINGTON AVE	Stoneham	11	Nstar	9240	4620	4840	N/A	0.64	Gas	Gas
253	Feb	6780	Washington Elderly	60-80 WASHINGTON AVE	Stoneham	11	Nstar	9240	4620	4840	N/A	0.64	Gas	Gas
254	Feb	6223	Symphony East	334 Massachusetts Ave	Boston	188	Nstar	154105	154105	45724	N/A	17.37	Gas	Gas
255	Feb	6225	Symphony West	333 Massachusetts Ave	Boston	216	Nstar	174779	174779	49306	N/A	9.71	Gas	Gas
256	Feb	1378	The Stearns	10 Temple Place	Boston	140	Nstar	120700	120700	40505	N/A	12.81	Gas	Gas
257	Feb	1795	Trinity Neghborhood House	406 Meridian St.	E. Boston	3	Nstar	6730	6730	2009	6.31	N/A	Gas	Gas
258	Feb	4015	Spring Ct	Spring Court Ext. - Community	Woburn	1	Nstar	4301	4301	4300	1.40	N/A	Gas	Gas
259	Mar	Federal	ADAMS STREET I	14 ADAMS ST	NEW BEDFORD	24	Nstar	21612	21612	0	5.06	N/A	Gas	Gas
260	Mar	Federal	ADAMS STREET II	58 62 ADAMS ST, 208 MYRTLE ST	NEW BEDFORD	3	Nstar	3422	3422	0	7.69	N/A	Gas	Gas
261	Mar	Federal	BRICKENWOOD	11 17 MALDEN ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
262	Mar	Federal	BRICKENWOOD	110 116 SHAWMUT SERVICE LA	NEW BEDFORD	4	Nstar	5070	3380	1690	3.61	N/A	Gas	Gas
263	Mar	Federal	BRICKENWOOD	118 124 SHAWMUT SERVICE LA	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
264	Mar	Federal	BRICKENWOOD	12 18 MALDEN ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
265	Mar	Federal	BRICKENWOOD	12 18 YALE ST	NEW BEDFORD	4	Nstar	5874	3916	1958	3.61	N/A	Gas	Gas
266	Mar	Federal	BRICKENWOOD	126 132 SHAWMUT SERVICE LA	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
267	Mar	Federal	BRICKENWOOD	13 19 YALE ST	NEW BEDFORD	4	Nstar	5874	3916	1958	3.61	N/A	Gas	Gas
268	Mar	Federal	BRICKENWOOD	134 140 HATHAWAY RD	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
269	Mar	Federal	BRICKENWOOD	142 148 HATHAWAY RD	NEW BEDFORD	4	Nstar	4992	3328	1664	3.61	N/A	Gas	Gas
270	Mar	Federal	BRICKENWOOD	150 156 SHAWMUT SERVICE LA	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
271	Mar	Federal	BRICKENWOOD	158 164 SHAWMUT SERVICE LA	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
272	Mar	Federal	BRICKENWOOD	174 180 HARVARD ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
273	Mar	Federal	BRICKENWOOD	179 185 HARVARD ST	NEW BEDFORD	4	Nstar	5874	3916	1958	3.61	N/A	Gas	Gas
274	Mar	Federal	BRICKENWOOD	18 28 WALKER ST	NEW BEDFORD	6	Nstar	7176	4784	2392	3.61	N/A	Gas	Gas
275	Mar	Federal	BRICKENWOOD	187 193 HARVARD ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
276	Mar	Federal	BRICKENWOOD	190 196 HARVARD ST	NEW BEDFORD	4	Nstar	5070	3380	1690	3.61	N/A	Gas	Gas
277	Mar	Federal	BRICKENWOOD	195 201 HARVARD ST	NEW BEDFORD	4	Nstar	5070	3380	1690	3.61	N/A	Gas	Gas
278	Mar	Federal	BRICKENWOOD	20 26 MALDEN ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
279	Mar	Federal	BRICKENWOOD	20 26 YALE ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
280	Mar	Federal	BRICKENWOOD	203 209 HARVARD ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ heating ft2	Heating Fuel	Hot Water Fuel#2
281	Mar	Federal	BRICKENWOOD	21 27 MALDEN ST	NEW BEDFORD	4	Nstar	4992	3328	1664	3.61	N/A	Gas	Gas
282	Mar	Federal	BRICKENWOOD	211 217 HARVARD ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
283	Mar	Federal	BRICKENWOOD	219 225 HARVARD ST	NEW BEDFORD	4	Nstar	5070	3380	1690	3.61	N/A	Gas	Gas
284	Mar	Federal	BRICKENWOOD	220 226 HARVARD ST	NEW BEDFORD	4	Nstar	5070	3380	1690	3.61	N/A	Gas	Gas
285	Mar	Federal	BRICKENWOOD	227 233 HARVARD ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
286	Mar	Federal	BRICKENWOOD	235 241 HARVARD ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
287	Mar	Federal	BRICKENWOOD	240 246 HARVARD ST	NEW BEDFORD	4	Nstar	5070	3380	1690	3.61	N/A	Gas	Gas
288	Mar	Federal	BRICKENWOOD	243 249 HARVARD ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
289	Mar	Federal	BRICKENWOOD	28 34 MALDEN ST	NEW BEDFORD	4	Nstar	4992	3328	1664	3.61	N/A	Gas	Gas
290	Mar	Federal	BRICKENWOOD	28 34 YALE ST	NEW BEDFORD	4	Nstar	5874	3916	1958	3.61	N/A	Gas	Gas
291	Mar	Federal	BRICKENWOOD	29 35 YALE ST	NEW BEDFORD	4	Nstar	5874	3916	1958	3.61	N/A	Gas	Gas
292	Mar	Federal	BRICKENWOOD	309 315 HIGHLAND ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
293	Mar	Federal	BRICKENWOOD	317 323 HIGHLAND ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
294	Mar	Federal	BRICKENWOOD	32 38 WALKER ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
295	Mar	Federal	BRICKENWOOD	327 333 HIGHLAND ST	NEW BEDFORD	4	Nstar	5070	3380	1690	3.61	N/A	Gas	Gas
296	Mar	Federal	BRICKENWOOD	343 349 HIGHLAND ST	NEW BEDFORD	4	Nstar	5070	3380	1690	3.61	N/A	Gas	Gas
297	Mar	Federal	BRICKENWOOD	36 42 MALDEN ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
298	Mar	Federal	BRICKENWOOD	36 42 YALE ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
299	Mar	Federal	BRICKENWOOD	37 43 WALKER ST	NEW BEDFORD	4	Nstar	4992	3328	1664	3.61	N/A	Gas	Gas
300	Mar	Federal	BRICKENWOOD	37 43 YALE ST	NEW BEDFORD	4	Nstar	4992	3328	1664	3.61	N/A	Gas	Gas
301	Mar	Federal	BRICKENWOOD	373 379 HIGHLAND ST	NEW BEDFORD	4	Nstar	4992	3328	1664	3.61	N/A	Gas	Gas
302	Mar	Federal	BRICKENWOOD	393 403 HIGHLAND ST	NEW BEDFORD	6	Nstar	7176	4784	2392	3.61	N/A	Gas	Gas
303	Mar	Federal	BRICKENWOOD	4 10 MALDEN ST	NEW BEDFORD	4	Nstar	4992	3328	1664	3.61	N/A	Gas	Gas
304	Mar	Federal	BRICKENWOOD	4 10 YALE ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
305	Mar	Federal	BRICKENWOOD	40 46 WALKER ST	NEW BEDFORD	4	Nstar	4992	3328	1664	3.61	N/A	Gas	Gas
306	Mar	Federal	BRICKENWOOD	413 419 HIGHLAND ST	NEW BEDFORD	4	Nstar	4992	3328	1664	3.61	N/A	Gas	Gas
307	Mar	Federal	BRICKENWOOD	44 50 MALDEN ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
308	Mar	Federal	BRICKENWOOD	44 50 YALE ST	NEW BEDFORD	4	Nstar	5874	3916	1958	3.61	N/A	Gas	Gas
309	Mar	Federal	BRICKENWOOD	45 51 YALE ST	NEW BEDFORD	4	Nstar	5874	3916	1958	3.61	N/A	Gas	Gas
310	Mar	Federal	BRICKENWOOD	5 11 YALE ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
311	Mar	Federal	BRICKENWOOD	51 57 MALDEN ST	NEW BEDFORD	4	Nstar	3588	2392	1196	3.61	N/A	Gas	Gas
312	Mar	Federal	BRICKENWOOD	52 58 HARVARD ST	NEW BEDFORD	4	Nstar	5070	3380	1690	3.61	N/A	Gas	Gas
313	Mar	Federal	BRICKENWOOD	52 58 MALDEN ST	NEW BEDFORD	4	Nstar	4992	3328	1664	3.61	N/A	Gas	Gas
314	Mar	Federal	BRICKENWOOD	52 HATHAWAY RD	NEW BEDFORD	1	Nstar	4212	2808	1404	3.61	N/A	Gas	Gas
315	Mar	Federal	BRICKENWOOD	59 65 MALDEN ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
316	Mar	Federal	BRICKENWOOD	6 14 WALKER ST	NEW BEDFORD	4	Nstar	5070	3380	1690	3.61	N/A	Gas	Gas
317	Mar	Federal	BRICKENWOOD	60 66 YALE ST	NEW BEDFORD	4	Nstar	5874	3916	1958	3.61	N/A	Gas	Gas
318	Mar	Federal	BRICKENWOOD	61 67 YALE ST	NEW BEDFORD	4	Nstar	5874	3916	1958	3.61	N/A	Gas	Gas
319	Mar	Federal	BRICKENWOOD	67 73 SHAWMUT SERVICE LA	NEW BEDFORD	4	Nstar	5874	3916	1958	3.61	N/A	Gas	Gas
320	Mar	Federal	BRICKENWOOD	68 74 YALE ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
321	Mar	Federal	BRICKENWOOD	69 75 YALE ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
322	Mar	Federal	BRICKENWOOD	7 17 WALKER ST	NEW BEDFORD	6	Nstar	7176	4784	2392	3.61	N/A	Gas	Gas
323	Mar	Federal	BRICKENWOOD	75 81 MALDEN ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
324	Mar	Federal	BRICKENWOOD	82 88 MALDEN ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
325	Mar	Federal	BRICKENWOOD	83 89 MALDEN ST	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
326	Mar	Federal	BRICKENWOOD	842 848 SHAWMUT AVE	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
327	Mar	Federal	BRICKENWOOD	852 858 SHAWMUT AVE	NEW BEDFORD	4	Nstar	5070	3380	1690	3.61	N/A	Gas	Gas
328	Mar	Federal	BRICKENWOOD	862 868 SHAWMUT AVE	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
329	Mar	Federal	BRICKENWOOD	872 878 SHAWMUT AVE	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
330	Mar	Federal	BRICKENWOOD	882 888 SHAWMUT AVE	NEW BEDFORD	4	Nstar	5070	3380	1690	3.61	N/A	Gas	Gas
331	Mar	Federal	BRICKENWOOD	892 898 SHAWMUT AVE	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
332	Mar	Federal	BRICKENWOOD	912 918 SHAWMUT AVE	NEW BEDFORD	4	Nstar	5382	3588	1794	3.61	N/A	Gas	Gas
333	Mar	Federal	BRICKENWOOD	922 928 SHAWMUT AVE	NEW BEDFORD	4	Nstar	4992	3328	1664	3.61	N/A	Gas	Gas
334	Mar	Federal	CAROLINE ST	11 21 PARK ST CT	NEW BEDFORD	12	Nstar	5160	2580	2580	8.36	N/A	Gas	Gas
335	Mar	Federal	CAROLINE ST	12 22 CAROLINE ST	NEW BEDFORD	12	Nstar	5676	2838	2838	9.47	N/A	Gas	Gas
336	Mar	Federal	CAROLINE ST	24 30 TILTON ST	NEW BEDFORD	8	Nstar	4220	2110	2110	8.95	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ heating ft2	Heating Fuel	Hot Water Fuel
337	Mar	Federal	CAROLINE ST	26 CAROLINE ST (COMM BLDG)	NEW BEDFORD	1	Nstar	9122	4561	4561	8.37	N/A	Gas	Gas
338	Mar	Federal	CAROLINE ST	33 39 PARK ST CT	NEW BEDFORD	8	Nstar	4736	2368	2368	9.08	N/A	Gas	Gas
339	Mar	Federal	CAROLINE ST	41 51 PARK ST CT	NEW BEDFORD	12	Nstar	5676	2838	2838	6.74	N/A	Gas	Gas
340	Mar	Federal	FAIRFIELD CHAFEE	946 948 CHAFEE ST	NEW BEDFORD	2	Nstar	2964	1976	988	4.43	N/A	Gas	Gas
341	Mar	Federal	FAIRFIELD CHAFEE	951 953 FAIRFIELD ST	NEW BEDFORD	2	Nstar	2964	1976	988	3.62	N/A	Gas	Gas
342	Mar	Federal	FAIRFIELD CHAFEE	954 956 CHAFEE ST	NEW BEDFORD	2	Nstar	2964	1976	988	3.49	N/A	Gas	Gas
343	Mar	Federal	FAIRFIELD CHAFEE	959 961 FAIRFIELD ST	NEW BEDFORD	2	Nstar	2964	1976	988	3.34	N/A	Gas	Gas
344	Mar	Federal	FAIRFIELD CHAFEE	975 977 FAIRFIELD ST	NEW BEDFORD	2	Nstar	2964	1976	988	3.63	N/A	Gas	Gas
345	Mar	Federal	HARWICH MANOR	104 116 DAWSON ST	NEW BEDFORD	12	Nstar	8400	8400	0	5.91	N/A	Gas	Gas
346	Mar	Federal	HARWICH MANOR	105 119 HARWICH ST	NEW BEDFORD	14	Nstar	9800	9800	0	5.43	N/A	Gas	Gas
347	Mar	Federal	HARWICH MANOR	895 BELLEVILLE AVE	NEW BEDFORD	4	Nstar	2900	2900	0	6.19	N/A	Gas	Gas
348	Mar	Federal	MILL ST	162 Mill St	NEW BEDFORD	2	Nstar	1176	1176	0	5.45	N/A	Gas	Gas
349	Mar	Federal	MILL ST	164 Mill St	NEW BEDFORD	2	Nstar	1176	1176	0	4.92	N/A	Gas	Gas
350	Mar	Federal	MILL ST	172 Mill St	NEW BEDFORD	2	Nstar	1008	1008	0	5.41	N/A	Gas	Gas
351	Mar	Federal	MILL ST	174 Mill St	NEW BEDFORD	2	Nstar	1008	1008	0	5.96	N/A	Gas	Gas
352	Mar	Federal	MILL ST	179 Mill St	NEW BEDFORD	2	Nstar	1008	1008	0	7.96	N/A	Gas	Gas
353	Mar	Federal	MILL ST	183 Mill St	NEW BEDFORD	2	Nstar	1008	1008	0	6.34	N/A	Gas	Gas
354	Mar	Federal	MILL ST	185 Mill St	NEW BEDFORD	2	Nstar	1008	1008	0	6.12	N/A	Gas	Gas
355	Mar	Federal	NEW PLAINVILLE	13 15 NEW PLAINVILLE RD	NEW BEDFORD	2	Nstar	2280	2280	0	4.34	N/A	Gas	Gas
356	Mar	Federal	NEW PLAINVILLE	17 19 NEW PLAINVILLE RD	NEW BEDFORD	2	Nstar	2598	2598	0	5.46	N/A	Gas	Gas
357	Mar	Federal	NEW PLAINVILLE	21 23 NEW PLAINVILLE RD	NEW BEDFORD	2	Nstar	2726	2726	0	7.27	N/A	Gas	Gas
358	Mar	Federal	NEW PLAINVILLE	25 27 NEW PLAINVILLE RD	NEW BEDFORD	2	Nstar	2280	2280	0	4.92	N/A	Gas	Gas
359	Mar	Federal	NEW PLAINVILLE	29 31 NEW PLAINVILLE RD	NEW BEDFORD	2	Nstar	2280	2280	0	3.86	N/A	Gas	Gas
360	Mar	Federal	NEW PLAINVILLE	33 35 NEW PLAINVILLE RD	NEW BEDFORD	2	Nstar	2280	2280	0	5.28	N/A	Gas	Gas
361	Mar	Federal	NEW PLAINVILLE	37 39 NEW PLAINVILLE RD	NEW BEDFORD	2	Nstar	2280	2280	0	4.35	N/A	Gas	Gas
362	Mar	Federal	NEW PLAINVILLE	59 61 HOWARD AVE	NEW BEDFORD	2	Nstar	2837	2837	0	4.00	N/A	Gas	Gas
363	Mar	Federal	NEW PLAINVILLE	86 88 SYLVIA ST	NEW BEDFORD	2	Nstar	2566	2566	0	3.53	N/A	Gas	Gas
364	Mar	Federal	SHAWMUT AVE	720 SHAWMUT AVE/ 146 TOPHAM ST	NEW BEDFORD	2	Nstar	2557	2557	0	4.12	N/A	Gas	Gas
365	Mar	Federal	SHAWMUT AVE	726 SHAWMUT AVE/ 763 COGGESHALL ST	NEW BEDFORD	2	Nstar	2468	2468	0	3.78	N/A	Gas	Gas
366	Mar	7149	Clarendon Hill	125 ALEWIFE BROOK	Somerville	24	Nstar	22400	16800	7280	7.14	N/A	Gas	Gas
367	Mar	7150	Clarendon Hill	139 ALEWIFE BROOK	Somerville	24	Nstar	22400	16800	7280	7.75	N/A	Gas	Gas
368	Mar	7151	Clarendon Hill	153 ALEWIFE BROOK	Somerville	24	Nstar	22500	16875	7312	8.12	N/A	Gas	Gas
369	Mar	7146	Clarendon Hill	24 NORTH STREET - 3	Somerville	24	Nstar	22400	16800	7280	5.96	N/A	Gas	Gas
370	Mar	7143	Clarendon Hill	268 POWDER HOUSE BLVD	Somerville	24	Nstar	22400	16800	7280	8.06	N/A	Gas	Gas
371	Mar	7148	Clarendon Hill	268 REAR POWDERHOUSE BLVD - 5	Somerville	24	Nstar	22400	16800	7280	7.89	N/A	Gas	Gas
372	Mar	7152	Clarendon Hill	278 POWDERHOUSE	Somerville	24	Nstar	22400	16800	7280	6.99	N/A	Gas	Gas
373	Mar	7144	Clarendon Hill	34 NORTH STREET	Somerville	24	Nstar	16800	16795	3360	9.67	N/A	Gas	Gas
374	Mar	7147	Clarendon Hill	34 REAR NORTH STREET	Somerville	24	Nstar	22400	16800	7280	5.70	N/A	Gas	Gas
375	Mar	7138	Corbett Apartments	125 JACQUES STREET/BLDG 2	Somerville	63	Nstar	71100	47400	39600	1.44	N/A	Gas	Gas
376	Mar	7137	Corbett Apartments	32 JAQUES STREET/BLDG 1	Somerville	37	Nstar	35400	23600	16900	1.52	N/A	Gas	Gas
377	Mar	7165	Mystic River	Mystic River- Maintenance Garage	Somerville	1	Nstar	2000	1000	1999	11.48	N/A	Gas	Gas
378	Mar	Federal	SOUTH FIRST ST	618 622 S-1ST ST	NEW BEDFORD	3	Nstar	3284	3284	0	3.97	N/A	Gas	Gas
379	Mar	6829	Beaver Brook Apartments	310 GROVE ST	Waltham	2	Nstar	983	983	0	5.00	N/A	Gas	Gas
380	Mar	6830	Beaver Brook Apartments	316 GROVE ST	Waltham	2	Nstar	983	983	0	5.17	N/A	Gas	Gas
381	Mar	4532	Prospect Terrace	42 Prospect Hill Road - 23	Waltham	4	Nstar	3684	3684	0	6.33	N/A	Gas	Gas
382	Mar	6840	South Street	300 SOUTH ST	Waltham	20	Nstar	9604	9604	0	7.72	N/A	Gas	Gas
383	Mar	7780	Long Pond Plaza	A-1 (GRAY GULL)	Yarmouth	10	Nstar	6684	5392	1364	5.24	N/A	Gas	Gas
384	Mar	7782	Long Pond Plaza	A-3 (PINE OAKS)	Yarmouth	10	Nstar	6684	5392	1364	5.24	N/A	Gas	Gas
385	Mar	7783	Long Pond Plaza	A-4 (BROOKSIDE)	Yarmouth	10	Nstar	6684	5392	1364	5.24	N/A	Gas	Gas
386	Mar	7784	Long Pond Plaza	Community Building/Office	Yarmouth	1	Nstar	2722	1361	2721	5.24	N/A	Gas	Gas
387	Mar	7781	Long Pond Plaza	Long Pond Plaza A-2	Yarmouth	10	Nstar	6684	5392	1364	5.24	N/A	Gas	Gas
388	Apr	7214D	Menotomy Manor 200-1	10 Fremont Ct	Arlington	1	Nstar	1262	841	421	3.45	N/A	Gas	Gas
389	Apr	7212A	Menotomy Manor 200-1	10 Fremont St	Arlington	1	Nstar	1262	841	421	3.27	N/A	Gas	Gas
390	Apr	8801H	Menotomy Manor 200-1	100 Gardner St	Arlington	1	Nstar	1511	1007	504	2.41	N/A	Gas	Gas
391	Apr	7215A	Menotomy Manor 200-1	102 Gardner St	Arlington	1	Nstar	1262	841	421	4.55	N/A	Gas	Gas
392	Apr	7215B	Menotomy Manor 200-1	104 Gardner St	Arlington	1	Nstar	1262	841	421	4.55	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel
393	Apr	7215C	Menotomy Manor 200-1	106 Gardner St	Arlington	1	Nstar	1262	841	421	4.55	N/A	Gas	Gas
394	Apr	7215D	Menotomy Manor 200-1	108 Gardner St	Arlington	1	Nstar	1262	841	421	4.55	N/A	Gas	Gas
395	Apr	7215E	Menotomy Manor 200-1	110 Gardner St	Arlington	1	Nstar	1262	841	421	4.55	N/A	Gas	Gas
396	Apr	7215F	Menotomy Manor 200-1	112 Gardner St	Arlington	1	Nstar	1262	841	421	4.55	N/A	Gas	Gas
397	Apr	7208A	Menotomy Manor 200-1	114 Gardner St	Arlington	1	Nstar	1290	860	430	3.42	N/A	Gas	Gas
398	Apr	7208B	Menotomy Manor 200-1	116 Gardner St	Arlington	1	Nstar	1290	860	430	3.42	N/A	Gas	Gas
399	Apr	7208C	Menotomy Manor 200-1	118 Gardner St	Arlington	1	Nstar	1290	860	430	3.42	N/A	Gas	Gas
400	Apr	7214E	Menotomy Manor 200-1	12 Fremont Ct	Arlington	1	Nstar	1262	841	421	3.45	N/A	Gas	Gas
401	Apr	7212B	Menotomy Manor 200-1	12 Fremont St	Arlington	1	Nstar	1262	841	421	3.27	N/A	Gas	Gas
402	Apr	7208D	Menotomy Manor 200-1	120 Gardner St	Arlington	1	Nstar	1290	860	430	3.42	N/A	Gas	Gas
403	Apr	8804A	Menotomy Manor 200-1	122 Gardner St	Arlington	1	Nstar	1511	1007	504	2.83	N/A	Gas	Gas
404	Apr	8804B	Menotomy Manor 200-1	124 Gardner St	Arlington	1	Nstar	1511	1007	504	2.83	N/A	Gas	Gas
405	Apr	8804C	Menotomy Manor 200-1	126 Gardner St	Arlington	1	Nstar	1511	1007	504	2.83	N/A	Gas	Gas
406	Apr	8804D	Menotomy Manor 200-1	128 Gardner St	Arlington	1	Nstar	1511	1007	504	2.83	N/A	Gas	Gas
407	Apr	8804E	Menotomy Manor 200-1	130 Gardner St	Arlington	1	Nstar	1511	1007	504	2.83	N/A	Gas	Gas
408	Apr	8804F	Menotomy Manor 200-1	132 Gardner St	Arlington	1	Nstar	1511	1007	504	2.83	N/A	Gas	Gas
409	Apr	8804G	Menotomy Manor 200-1	134 Gardner St	Arlington	1	Nstar	1511	1007	504	2.83	N/A	Gas	Gas
410	Apr	8804H	Menotomy Manor 200-1	136 Gardner St	Arlington	1	Nstar	1511	1007	504	2.83	N/A	Gas	Gas
411	Apr	8806A	Menotomy Manor 200-1	138 Gardner St	Arlington	1	Nstar	1511	1007	504	3.45	N/A	Gas	Gas
412	Apr	7214F	Menotomy Manor 200-1	14 Fremont Ct	Arlington	1	Nstar	1262	841	421	3.45	N/A	Gas	Gas
413	Apr	7212C	Menotomy Manor 200-1	14 Fremont St	Arlington	1	Nstar	1262	841	421	3.27	N/A	Gas	Gas
414	Apr	8806B	Menotomy Manor 200-1	140 Gardner St	Arlington	1	Nstar	1511	1007	504	3.45	N/A	Gas	Gas
415	Apr	8806C	Menotomy Manor 200-1	142 Gardner St	Arlington	1	Nstar	1511	1007	504	3.45	N/A	Gas	Gas
416	Apr	8806D	Menotomy Manor 200-1	144 Gardner St	Arlington	1	Nstar	1511	1007	504	3.45	N/A	Gas	Gas
417	Apr	8806E	Menotomy Manor 200-1	146 Gardner St	Arlington	1	Nstar	1511	1007	504	3.45	N/A	Gas	Gas
418	Apr	8806F	Menotomy Manor 200-1	148 Gardner St	Arlington	1	Nstar	1511	1007	504	3.45	N/A	Gas	Gas
419	Apr	8806G	Menotomy Manor 200-1	150 Gardner St	Arlington	1	Nstar	1511	1007	504	3.45	N/A	Gas	Gas
420	Apr	8806H	Menotomy Manor 200-1	152 Gardner St	Arlington	1	Nstar	1511	1007	504	3.45	N/A	Gas	Gas
421	Apr	8808A	Menotomy Manor 200-1	154 Gardner St	Arlington	1	Nstar	1511	1007	504	3.37	N/A	Gas	Gas
422	Apr	8808B	Menotomy Manor 200-1	156 Gardner St	Arlington	1	Nstar	1511	1007	504	3.37	N/A	Gas	Gas
423	Apr	8808C	Menotomy Manor 200-1	158 Gardner St	Arlington	1	Nstar	1511	1007	504	3.37	N/A	Gas	Gas
424	Apr	7212D	Menotomy Manor 200-1	16 Fremont St	Arlington	1	Nstar	1262	841	421	3.27	N/A	Gas	Gas
425	Apr	8808D	Menotomy Manor 200-1	160 Gardner St	Arlington	1	Nstar	1511	1007	504	3.37	N/A	Gas	Gas
426	Apr	8808E	Menotomy Manor 200-1	162 Gardner St	Arlington	1	Nstar	1511	1007	504	3.37	N/A	Gas	Gas
427	Apr	8808F	Menotomy Manor 200-1	164 Gardner St	Arlington	1	Nstar	1511	1007	504	3.37	N/A	Gas	Gas
428	Apr	8808G	Menotomy Manor 200-1	166 Gardner St	Arlington	1	Nstar	1511	1007	504	3.37	N/A	Gas	Gas
429	Apr	8808H	Menotomy Manor 200-1	168 Gardner St	Arlington	1	Nstar	1511	1007	504	3.37	N/A	Gas	Gas
430	Apr	7212E	Menotomy Manor 200-1	18 Fremont St	Arlington	1	Nstar	1262	841	421	3.27	N/A	Gas	Gas
431	Apr	7212F	Menotomy Manor 200-1	20 Fremont St	Arlington	1	Nstar	1262	841	421	3.27	N/A	Gas	Gas
432	Apr	7207A	Menotomy Manor 200-1	22 Fremont St	Arlington	1	Nstar	1290	860	430	2.91	N/A	Gas	Gas
433	Apr	7207B	Menotomy Manor 200-1	24 Fremont St	Arlington	1	Nstar	1290	860	430	2.91	N/A	Gas	Gas
434	Apr	7207C	Menotomy Manor 200-1	26 Fremont St	Arlington	1	Nstar	1290	860	430	2.91	N/A	Gas	Gas
435	Apr	7207D	Menotomy Manor 200-1	28 Fremont St	Arlington	1	Nstar	1290	860	430	2.91	N/A	Gas	Gas
436	Apr	7211A	Menotomy Manor 200-1	30 Fremont St	Arlington	1	Nstar	1262	841	421	2.94	N/A	Gas	Gas
437	Apr	7216A	Menotomy Manor 200-1	31 Fremont Ct	Arlington	1	Nstar	1511	1007	504	3.19	N/A	Gas	Gas
438	Apr	7211B	Menotomy Manor 200-1	32 Fremont St	Arlington	1	Nstar	1262	841	421	2.94	N/A	Gas	Gas
439	Apr	7216B	Menotomy Manor 200-1	33 Fremont Ct	Arlington	1	Nstar	1511	1007	504	3.19	N/A	Gas	Gas
440	Apr	7211C	Menotomy Manor 200-1	34 Fremont St	Arlington	1	Nstar	1262	841	421	2.94	N/A	Gas	Gas
441	Apr	7216C	Menotomy Manor 200-1	35 Fremont Ct	Arlington	1	Nstar	1511	1007	504	3.19	N/A	Gas	Gas
442	Apr	7211D	Menotomy Manor 200-1	36 Fremont St	Arlington	1	Nstar	1262	841	421	2.94	N/A	Gas	Gas
443	Apr	7216D	Menotomy Manor 200-1	37 Fremont Ct	Arlington	1	Nstar	1511	1007	504	3.19	N/A	Gas	Gas
444	Apr	7211E	Menotomy Manor 200-1	38 Fremont St	Arlington	1	Nstar	1262	841	421	2.94	N/A	Gas	Gas
445	Apr	7216E	Menotomy Manor 200-1	39 Fremont Ct	Arlington	1	Nstar	1511	1007	504	3.19	N/A	Gas	Gas
446	Apr	7214A	Menotomy Manor 200-1	4 Fremont Ct	Arlington	1	Nstar	1262	841	421	3.45	N/A	Gas	Gas
447	Apr	7211F	Menotomy Manor 200-1	40 Fremont St	Arlington	1	Nstar	1262	841	421	2.94	N/A	Gas	Gas
448	Apr	7216F	Menotomy Manor 200-1	41 Fremont Ct	Arlington	1	Nstar	1511	1007	504	3.19	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ heating ft2	Heating Fuel	Hot Water Fuel#2
449	Apr	7216G	Menotomy Manor 200-1	43 Fremont Ct	Arlington	1	Nstar	1511	1007	504	3.19	N/A	Gas	Gas
450	Apr	7213A	Menotomy Manor 200-1	44 Fremont Ct	Arlington	1	Nstar	1262	841	421	2.53	N/A	Gas	Gas
451	Apr	7216H	Menotomy Manor 200-1	45 Fremont Ct	Arlington	1	Nstar	1511	1007	504	3.19	N/A	Gas	Gas
452	Apr	7213B	Menotomy Manor 200-1	46 Fremont Ct	Arlington	1	Nstar	1262	841	421	2.53	N/A	Gas	Gas
453	Apr	7210A	Menotomy Manor 200-1	46 Fremont St	Arlington	1	Nstar	1262	841	421	2.89	N/A	Gas	Gas
454	Apr	7213C	Menotomy Manor 200-1	48 Fremont Ct	Arlington	1	Nstar	1262	841	421	2.53	N/A	Gas	Gas
455	Apr	7210B	Menotomy Manor 200-1	48 Fremont St	Arlington	1	Nstar	1262	841	421	2.89	N/A	Gas	Gas
456	Apr	7213D	Menotomy Manor 200-1	50 Fremont Ct	Arlington	1	Nstar	1262	841	421	2.53	N/A	Gas	Gas
457	Apr	7210C	Menotomy Manor 200-1	50 Fremont St	Arlington	1	Nstar	1262	841	421	2.89	N/A	Gas	Gas
458	Apr	7213E	Menotomy Manor 200-1	52 Fremont Ct	Arlington	1	Nstar	1262	841	421	2.53	N/A	Gas	Gas
459	Apr	7210D	Menotomy Manor 200-1	52 Fremont St	Arlington	1	Nstar	1262	841	421	2.89	N/A	Gas	Gas
460	Apr	7213F	Menotomy Manor 200-1	54 Fremont Ct	Arlington	1	Nstar	1262	841	421	2.53	N/A	Gas	Gas
461	Apr	7210E	Menotomy Manor 200-1	54 Fremont St	Arlington	1	Nstar	1262	841	421	2.89	N/A	Gas	Gas
462	Apr	7210F	Menotomy Manor 200-1	56 Fremont St	Arlington	1	Nstar	1262	841	421	2.89	N/A	Gas	Gas
463	Apr	7214B	Menotomy Manor 200-1	6 Fremont Ct	Arlington	1	Nstar	1262	841	421	3.45	N/A	Gas	Gas
464	Apr	7209A	Menotomy Manor 200-1	66 Fremont St	Arlington	1	Nstar	1262	841	421	4.95	N/A	Gas	Gas
465	Apr	7209B	Menotomy Manor 200-1	68 Fremont St	Arlington	1	Nstar	1262	841	421	4.95	N/A	Gas	Gas
466	Apr	7209C	Menotomy Manor 200-1	70 Fremont St	Arlington	1	Nstar	1262	841	421	4.95	N/A	Gas	Gas
467	Apr	8799A	Menotomy Manor 200-1	70 Gardner St	Arlington	1	Nstar	1511	1007	504	2.99	N/A	Gas	Gas
468	Apr	7209D	Menotomy Manor 200-1	72 Fremont St	Arlington	1	Nstar	1262	841	421	4.95	N/A	Gas	Gas
469	Apr	8799B	Menotomy Manor 200-1	72 Gardner St	Arlington	1	Nstar	1511	1007	504	2.99	N/A	Gas	Gas
470	Apr	7209E	Menotomy Manor 200-1	74 Fremont St	Arlington	1	Nstar	1262	841	421	4.95	N/A	Gas	Gas
471	Apr	8799C	Menotomy Manor 200-1	74 Gardner St	Arlington	1	Nstar	1511	1007	504	2.99	N/A	Gas	Gas
472	Apr	7209F	Menotomy Manor 200-1	76 Fremont St	Arlington	1	Nstar	1262	841	421	4.95	N/A	Gas	Gas
473	Apr	8799D	Menotomy Manor 200-1	76 Gardner St	Arlington	1	Nstar	1511	1007	504	2.99	N/A	Gas	Gas
474	Apr	8799E	Menotomy Manor 200-1	78 Gardner St	Arlington	1	Nstar	1511	1007	504	2.99	N/A	Gas	Gas
475	Apr	7214C	Menotomy Manor 200-1	8 Fremont Ct	Arlington	1	Nstar	1262	841	421	3.45	N/A	Gas	Gas
476	Apr	8799F	Menotomy Manor 200-1	80 Gardner St	Arlington	1	Nstar	1511	1007	504	2.99	N/A	Gas	Gas
477	Apr	8799G	Menotomy Manor 200-1	82 Gardner St	Arlington	1	Nstar	1511	1007	504	2.99	N/A	Gas	Gas
478	Apr	8799H	Menotomy Manor 200-1	84 Gardner St	Arlington	1	Nstar	1511	1007	504	2.99	N/A	Gas	Gas
479	Apr	8801A	Menotomy Manor 200-1	86 Gardner St	Arlington	1	Nstar	1511	1007	504	2.41	N/A	Gas	Gas
480	Apr	8801B	Menotomy Manor 200-1	88 Gardner St	Arlington	1	Nstar	1511	1007	504	2.41	N/A	Gas	Gas
481	Apr	8801C	Menotomy Manor 200-1	90 Gardner St	Arlington	1	Nstar	1511	1007	504	2.41	N/A	Gas	Gas
482	Apr	8801D	Menotomy Manor 200-1	92 Gardner St	Arlington	1	Nstar	1511	1007	504	2.41	N/A	Gas	Gas
483	Apr	8801E	Menotomy Manor 200-1	94 Gardner St	Arlington	1	Nstar	1511	1007	504	2.41	N/A	Gas	Gas
484	Apr	8801F	Menotomy Manor 200-1	96 Gardner St	Arlington	1	Nstar	1511	1007	504	2.41	N/A	Gas	Gas
485	Apr	8801G	Menotomy Manor 200-1	98 Gardner St	Arlington	1	Nstar	1511	1007	504	2.41	N/A	Gas	Gas
486	Apr	4601A	Menotomy Manor 200-2	100A Fremont St	Arlington	1	Nstar	1254	836	418	3.48	N/A	Gas	Gas
487	Apr	4601B	Menotomy Manor 200-2	100B Fremont St	Arlington	1	Nstar	1254	836	418	3.48	N/A	Gas	Gas
488	Apr	4597A	Menotomy Manor 200-2	1A Memorial Way	Arlington	1	Nstar	1208	805	403	5.90	N/A	Gas	Gas
489	Apr	4597B	Menotomy Manor 200-2	1B Memorial Way	Arlington	1	Nstar	1208	805	403	5.90	N/A	Gas	Gas
490	Apr	4603A	Menotomy Manor 200-2	6A Memorial Way	Arlington	1	Nstar	1311	874	437	3.58	N/A	Gas	Gas
491	Apr	4603B	Menotomy Manor 200-2	6B Memorial Way	Arlington	1	Nstar	1311	874	437	3.58	N/A	Gas	Gas
492	Apr	4603C	Menotomy Manor 200-2	6C Memorial Way	Arlington	1	Nstar	1311	874	437	3.58	N/A	Gas	Gas
493	Apr	12340B	1-35 Hixson Farm Road	3 Hixson Farm Rd	Sharon	4	NStar	2216	2216	443	17.18	N/A	Electric	Electric
494	Apr	2466	Woodrow Wilson Court	WWC Building 1	Cambridge	13	Nstar	15185	12851	3298	N/A	3.01	Gas	Gas
495	Apr	2517	Woodrow Wilson Court	WWC Building 2	Cambridge	28	Nstar	30865	24692	8885	N/A	2.29	Gas	Gas
496	Apr	2518	Woodrow Wilson Court	WWC Building 3	Cambridge	28	Nstar	26920	21536	7960	N/A	5.86	Gas	Gas
497	Apr	1340	Cardinal Mederios	409-415 Cardinal Mederios Ave	Cambridge	6	Nstar	8453	6354	2156	N/A	2.73	Gas	Gas
498	Apr	1333	Churchill Court	2519-2525 Mass Ave	Cambridge	4	Nstar	6440	6440	100	N/A	0.88	Gas	Gas
499	Apr	5765	HARRY KEMP WAY	58 Harry Kemp Way	Provincetown, MA	4	Nstar	4200	2800	1400	N/A	1.27	Oil	Oil
500	Apr	Federal	NEW PLAINVILLE	9 11 NEW PLAINVILLE RD	NEW BEDFORD	2	Nstar	2838	2690	0	3.34	N/A	Gas	Gas
501	Apr	1342	Norfolk Street	59 Norfolk Street	Cambridge	8	Nstar	12385	9908	2477	N/A	8.43	Gas	Gas
502	Apr	8487	Hyde	82 Lincoln St	Newton	14	Nstar	10276	10275	10275	26.76	N/A	Gas	Gas
503	Apr	2520	Paz Properties	108-110 White Street	East Boston	6	Nstar	8265	8265	2163	3.32	N/A	Gas	Gas
504	Apr	3788	Paz Properties	115 Everett St./376 R Sumner St.	East Boston	10	Nstar	16800	14400	2400	1.88	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ unit/yr	kWh/ ft2	Heating fuel	Hot Water fuel#2
505	Apr	3789	Paz Properties	359-363 Meridian St.	East Boston	6	Nstar	9622	9622	2168	3.35	N/A	Gas	Gas
506	Apr	3790	Paz Properties	49-53 Putnam St	East Boston	6	Nstar	9344	7008	2336	2.72	N/A	Gas	Gas
507	Apr	3793	Shalom Properties	149 Marion St.	East Boston	6	Nstar	7240	6590	1448	4.67	N/A	Gas	Gas
508	Apr	3792	Shalom Properties	73-75 Saratoga St.	East Boston	6	Nstar	4360	3270	1090	5.92	N/A	Gas	Gas
509	Apr	3794	Siochain Properites	102-104 Saratoga St	East boston	6	Nstar	7886	7886	2186	4.29	N/A	Gas	Gas
510	Apr	3795	Siochain Properites	277 Meridian St.	East Boston	6	Nstar	9860	9860	1972	4.80	N/A	Gas	Gas
511	Apr	1343	Trembridge Apartments	106 Tremont/1175-1179 Cambridge Street	Cambridge	8	Nstar	17670	17670	9790	N/A	1.81	Gas	Gas
512	Apr	7102	Bright Side	113-119 BRIGHT ST	Waltham	4	Nstar	2550	1700	1190	N/A	0.64	Gas	Gas
513	Apr	4555	Chesterbrook Gardens	2-12 Brookway Court	Waltham	6	Nstar	8460	5640	2820	N/A	1.32	Gas	Gas
514	Apr	4542	Chesterbrook Gardens	41-47 Chester Lane	Waltham	4	Nstar	5529	3686	1843	N/A	1.74	Gas	Gas
515	Apr	4544	Chesterbrook Gardens	57-67 Chester Lane	Waltham	6	Nstar	8460	5640	2820	N/A	1.63	Gas	Gas
516	Apr	4546	Chesterbrook Gardens	66-76 Chester Lane	Waltham	6	Nstar	8460	5640	2820	N/A	1.87	Gas	Gas
517	May	9524	Bigelow Street	8 Bigelow Street	Cambridge	10	Nstar	6677	4889	1893	5.44	N/A	Gas	Gas
518	May	2550	Corcoran Park	24 St. Sauveur Ct.	Cambridge	4	Nstar	4703	4703	299	N/A	14.85	Gas	Gas
519	May	9505	VETERAN HOUSING	60-62 Pequit St	Canton	2	Nstar	2550	1700	850	4.98	N/A	Gas	Gas
520	May	9506	VETERAN HOUSING	61-63 Pequit St	Canton	2	Nstar	2550	1700	850	3.56	N/A	Gas	Gas
521	May	9508	VETERAN HOUSING	64-66 Pequit St	Canton	2	Nstar	2550	1700	850	6.14	N/A	Gas	Gas
522	May	9509	VETERAN HOUSING	65-67 Pequit St	Canton	2	Nstar	2550	1700	850	4.64	N/A	Gas	Gas
523	May	9510	VETERAN HOUSING	68-70 Pequit St	Canton	2	Nstar	2550	1700	850	3.59	N/A	Gas	Gas
524	May	9511	VETERAN HOUSING	69-71 Pequit St	Canton	2	Nstar	2550	1700	850	4.01	N/A	Gas	Gas
525	May	9512	VETERAN HOUSING	72-74 Pequit St	Canton	2	Nstar	2550	1700	850	5.57	N/A	Gas	Gas
526	May	9513	VETERAN HOUSING	73-75 Pequit St	Canton	2	Nstar	2550	1700	850	3.45	N/A	Gas	Gas
527	May	9514	VETERAN HOUSING	76-78 Pequit St	Canton	2	Nstar	2550	1700	850	5.49	N/A	Gas	Gas
528	May	9515	VETERAN HOUSING	77-79 Pequit St	Canton	2	Nstar	2550	1700	850	5.29	N/A	Gas	Gas
529	May	9516	VETERAN HOUSING	80-82 Pequit St	Canton	2	Nstar	2550	1700	850	5.91	N/A	Gas	Gas
530	May	9517	VETERAN HOUSING	81-83 Pequit St	Canton	2	Nstar	2550	1700	850	6.63	N/A	Gas	Gas
531	May	9518	VETERAN HOUSING	84-86 Pequit St	Canton	2	Nstar	2550	1700	850	6.04	N/A	Gas	Gas
532	May	8951	Castle Square Apartments	Building 1 (121 - 131 Shawmut Avenue)	Boston	16	Nstar	18557	18557	3259	N/A	3.14	Gas	Gas
533	May	9027	Castle Square Apartments	Building 10 (11 - 19 Village Ct)	Boston	14	Nstar	17312	17312	3372	N/A	3.17	Gas	Gas
534	May	9029	Castle Square Apartments	Building 11 (1 - 9 Village Ct)	Boston	16	Nstar	18579	18579	3299	N/A	3.42	Gas	Gas
535	May	9030	Castle Square Apartments	Building 12 (1 - 9 Castle Court)	Boston	20	Nstar	22606	22606	3962	N/A	3.10	Gas	Gas
536	May	9031	Castle Square Apartments	Building 13 (11 - 21 Castle Ct)	Boston	24	Nstar	26640	26640	4632	N/A	2.86	Gas	Gas
537	May	9032	Castle Square Apartments	Building 14 (1 - 11 Emerald Court)	Boston	20	Nstar	25546	25546	4932	N/A	3.92	Gas	Gas
538	May	9034	Castle Square Apartments	Building 15 (15 - 23 Emerald Court)	Boston	18	Nstar	21748	21748	4146	N/A	2.49	Gas	Gas
539	May	9035	Castle Square Apartments	Building 16 (10 - 18 Emerald Court)	Boston	18	Nstar	20992	20992	4005	N/A	2.79	Gas	Gas
540	May	9036	Castle Square Apartments	Building 17 (2 - 6 Emerald Court)	Boston	12	Nstar	14526	14526	2598	N/A	3.36	Gas	Gas
541	May	9037	Castle Square Apartments	Building 18 (18 - 23 Castle Court)	Boston	10	Nstar	12565	12565	2597	N/A	3.49	Gas	Gas
542	May	9038	Castle Square Apartments	Building 19 (2 - 14 Castle Court)	Boston	26	Nstar	31261	31261	5711	N/A	2.37	Gas	Gas
543	May	9019	Castle Square Apartments	Building 2 (2 - 8 Paul Place)	Boston	14	Nstar	16642	16642	3310	N/A	2.26	Gas	Gas
544	May	9039	Castle Square Apartments	ing 20 (414 - 444 Tremont St - Midrise Deep En	Boston	48	Nstar	42089	42089	13721	N/A	4.90	Gas	Gas
545	May	9040	Castle Square Apartments	21 (474 - 478 Tremont St - Midrise Deep Energy	Boston	48	Nstar	44112	44112	15387	N/A	10.28	Gas	Gas
546	May	9041	Castle Square Apartments	22 (482 - 484 Tremont St - Midrise Deep Energy	Boston	48	Nstar	44112	44112	15427	N/A	7.50	Gas	Gas
547	May	9042	Castle Square Apartments	ng 23 (494 Tremont St - Midrise Deep Energy Re	Boston	48	Nstar	44112	44112	15799	N/A	5.35	Gas	Gas
548	May	9043	Castle Square Apartments	Building 26 (488 Tremont St - Bldg 26 Daycare)	Boston	1	Nstar	5500	5500	5499	1.93	N/A	Gas	Gas
549	May	9020	Castle Square Apartments	Building 3 (12 - 18 Paul Place)	Boston	14	Nstar	16642	16642	3310	N/A	2.07	Gas	Gas
550	May	9021	Castle Square Apartments	Building 4 (22 - 28 Paul Place)	Boston	14	Nstar	16642	16642	3310	N/A	1.93	Gas	Gas
551	May	9022	Castle Square Apartments	Building 5 (32 - 38 Paul Place)	Boston	14	Nstar	17322	17322	3380	N/A	4.45	Gas	Gas
552	May	9023	Castle Square Apartments	Building 6 (42 - 48 Paul Place)	Boston	14	Nstar	17322	17322	3380	N/A	3.65	Gas	Gas
553	May	9024	Castle Square Apartments	Building 7 (41 - 49 Village Court)	Boston	14	Nstar	17322	17322	3380	N/A	2.39	Gas	Gas
554	May	9025	Castle Square Apartments	Building 8 (31 - 39 Village Court)	Boston	16	Nstar	20546	20546	3904	N/A	4.63	Gas	Gas
555	May	9026	Castle Square Apartments	Building 9 (21 - 29 Village Court)	Boston	14	Nstar	17312	17312	3372	N/A	2.70	Gas	Gas
556	May	7049	Fitzpatrick	12-22 NORMANDY ROAD	Chelsea	4	Nstar	6600	6600	400	7.68	N/A	Gas	Electric
557	May	7055	Fitzpatrick	13-23 BURMA RD	Chelsea	4	Nstar	6600	6600	400	6.80	N/A	Gas	Electric
558	May	7050	Fitzpatrick	13-23 NORMANDY RD	Chelsea	4	Nstar	6600	6600	400	8.38	N/A	Gas	Electric
559	May	7056	Fitzpatrick	14-24 BURMA RD	Chelsea	4	Nstar	6600	6600	400	5.68	N/A	Gas	Electric
560	May	7054	Fitzpatrick	17-27 SAIPAN RD	Chelsea	4	Nstar	6600	6600	400	7.35	N/A	Gas	Electric

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ heating ft2	Heating Fuel	Hot Water Fuel#2
561	May	7047	Fitzpatrick	2-4-6-8 BURMA RD	Chelsea	4	Nstar	3200	3200	200	7.92	N/A	Gas	Electric
562	May	7052	Fitzpatrick	3-13 SAIPAN RD	Chelsea	4	Nstar	6600	6600	400	5.28	N/A	Gas	Electric
563	May	7057	Fitzpatrick	31-41 BURMA RD	Chelsea	4	Nstar	6600	6600	400	7.07	N/A	Gas	Electric
564	May	7051	Fitzpatrick	35-45 NORMANDY RD	Chelsea	4	Nstar	6600	6600	400	5.67	N/A	Gas	Electric
565	May	7048	Fitzpatrick	370-380 REVERE BEACH PARKWAY	Chelsea	4	Nstar	6600	6600	400	8.73	N/A	Gas	Electric
566	May	7053	Fitzpatrick	4-14 SAIPAN RD	Chelsea	4	Nstar	6600	6600	400	6.62	N/A	Gas	Electric
567	May	7058	Fitzpatrick	44-54 EXETER ST	Chelsea	4	Nstar	6600	6600	400	7.53	N/A	Gas	Electric
568	May	9355	Mace (FED)	449-461 Crescent Ave	Chelsea	23	Nstar	14580	14580	1452	N/A	7.20	Gas	Gas
569	May	1331	Churchill Court	2505-2509 Mass Ave	Cambridge	2	Nstar	2970	2970	410	4.95	N/A	Gas	Gas
570	May	4654	East Dedham Family	21-25 Veterans Road	Dedham	3	Nstar	2846	2846	0	3.44	N/A	Gas	Gas
571	May	4648	East Dedham Family	60-64 Veterans Road	Dedham	3	Nstar	2846	2846	0	4.64	N/A	Gas	Gas
572	May	4835	Parker Staples Road	1/3 Parker Staples Road	Dedham	2	Nstar	2050	2050	0	5.28	N/A	Gas	Gas
573	May	5224	Parker Staples Road	10/12 Parker Staples Rd	Dedham	2	Nstar	2050	2050	0	4.21	N/A	Gas	Gas
574	May	5225	Parker Staples Road	13/15 Parker Staples Rd	Dedham	2	Nstar	3075	2050	0	4.58	N/A	Gas	Gas
575	May	5226	Parker Staples Road	14/16 Parker Staples Rd	Dedham	2	Nstar	2050	2050	0	8.16	N/A	Gas	Gas
576	May	5227	Parker Staples Road	17/19 Parker Staples Rd	Dedham	2	Nstar	2050	2050	0	6.38	N/A	Gas	Gas
577	May	5229	Parker Staples Road	21/23 Parker Staples Rd	Dedham	2	Nstar	2050	2050	0	7.61	N/A	Gas	Gas
578	May	5231	Parker Staples Road	25/27 Parker Staples Rd	Dedham	2	Nstar	2050	2050	0	7.62	N/A	Gas	Gas
579	May	5221	Parker Staples Road	5/7 Parker Staples Rd	Dedham	2	Nstar	2050	2050	0	2.59	N/A	Gas	Gas
580	May	5222	Parker Staples Road	6/8 Parker Staples Rd	Dedham	2	Nstar	2050	2050	0	8.94	N/A	Gas	Gas
581	May	5223	Parker Staples Road	9/11 Parker Staples Rd	Dedham	2	Nstar	2050	2050	0	7.48	N/A	Gas	Gas
582	May	9017	EH	A	Framingham	94	Nstar	90150	90150	21978	14.53	N/A		
583	May	4398	St. Lo Road	Locked 19 - 21 St. Lo Road	Framingham	2	Nstar	884	884	0	16.96	N/A	Gas	Gas
584	May	9279	Harwell Homes	1-3 Harwell Drive	Cambridge	8	Nstar	8420	6180	3220	2.94	N/A	Gas	Gas
585	May	9281	Harwell Homes	5-7 Harrington Terrace	Cambridge	8	Nstar	9000	6760	3800	2.74	N/A	Gas	Gas
586	May	3438	LITTLE HOMESTEADS	Little Homey	Harwich	8	Nstar	6076	6076	76	2.07	N/A	Gas	Gas
587	May	7091	McBride House/St Cecilia's	McB-70 Queensberry st	Boston	17	Nstar	16769	16769	6750	9.38	N/A	Gas	Gas
588	May	7097	McBride House/St Cecilia's	StC-108 Kilmarnock st	Boston	122	Nstar	80731	78846	23613	9.02	N/A	Gas	Gas
589	May	3439	ROBERT LANE	17 ROBERT LANE	HARWICH	2	Nstar	3120	1560	1560	N/A	3.79	Gas	Gas
590	May	7168	6 Fountain/66 Sycamore	6 Fountain Avenue	Somerville	2	Nstar	4460	3372	1571	3.32	N/A	Gas	Gas
591	May	7142	Ciampa Manor	27 COLLEGE AVENUE/BLDG 1	Somerville	53	Nstar	36000	30000	9500	2.46	N/A	Gas	Gas
592	May	7157	Mystic River	10 MEMORIAL ROAD/BLDG 5	Somerville	24	Nstar	27116	20332	9834	N/A	4.40	Gas	Gas
593	May	7156	Mystic River	15 MEMORIAL ROAD/BLDG 4	Somerville	26	Nstar	27116	20332	9834	N/A	6.06	Gas	Gas
594	May	7158	Mystic River	20 Memorial Rd/ Bldg 6	Somerville	24	Nstar	24252	18189	8792	N/A	3.41	Gas	Gas
595	May	7162	Mystic River	EMORIAL ROAD/BUILDING 12 -Public Safety C	Somerville	1	Nstar	480	480	479	15.36	N/A	Gas	Gas
596	May	9408	Mystic River	25 Memorial Rd/ Bldg 3	Somerville	24	Nstar	27116	20332	9834	N/A	0.97	Gas	Gas
597	May	7160	Mystic River	35 MEMORIAL ROAD/BLDG 8	Somerville	24	Nstar	27116	20332	9834	N/A	4.99	Gas	Gas
598	May	7161	Mystic River	40 MEMORIAL ROAD/BLDG 9	Somerville	24	Nstar	27116	20332	9834	N/A	4.39	Gas	Gas
599	May	7159	Mystic River	45 MEMORIAL ROAD/BLDG 7	Somerville	24	Nstar	27116	20332	9834	N/A	4.42	Gas	Gas
600	May	7154	Mystic River	50 MEMORIAL ROAD/BLDG 10	Somerville	24	Nstar	27116	20332	9834	N/A	4.67	Gas	Gas
601	May	7153	Mystic River	500 MYSTIC AVENUE/BLDG 1	Somerville	24	Nstar	27116	20332	9834	N/A	4.00	Gas	Gas
602	May	7155	Mystic River	510 MYSTIC RIVER	Somerville	24	Nstar	27116	20332	9834	N/A	4.55	Gas	Gas
603	May	7163	Mystic River	560 Mystic Ave/Bldg 11 - Recreation Bldg	Somerville	1	Nstar	3690	3690	3689	31.21	N/A	Gas	Gas
604	May	7164	Mystic River	MYSTIC RIVER - Administration Building	Somerville	1	Nstar	1200	1200	1199	49.64	N/A	Gas	Gas
605	May	6816	Carey Court	269 - 273 SCHOOL STREET	Waltham	12	Nstar	6783	4522	2861	N/A	2.90	Gas	Gas
606	May	6815	Carey Court	275-279 SCHOOL STREET	Waltham	12	Nstar	6783	4522	2861	N/A	2.30	Gas	Gas
607	May	4557	Chesterbrook Gardens	1-11 Chester Lane	Waltham	6	Nstar	8460	5640	2820	N/A	2.14	Gas	Gas
608	May	4560	Chesterbrook Gardens	10-16 Chester Lane	Waltham	4	Nstar	5529	3686	1843	N/A	2.27	Gas	Gas
609	May	4559	Chesterbrook Gardens	13-23 Chester Lane	Waltham	6	Nstar	8460	5640	2820	N/A	2.81	Gas	Gas
610	May	4562	Chesterbrook Gardens	18-24 Brookway Road	Waltham	4	Nstar	5529	3686	1843	N/A	5.85	Gas	Gas
611	May	4558	Chesterbrook Gardens	2-8 Chester Lane	Waltham	4	Nstar	5529	3686	1843	N/A	2.05	Gas	Gas
612	May	4561	Chesterbrook Gardens	25-31 Brookway Road	Waltham	4	Nstar	5529	3686	1843	N/A	2.77	Gas	Gas
613	May	4563	Chesterbrook Gardens	33-39 Chester Lane	Waltham	4	Nstar	5529	3686	1843	N/A	2.72	Gas	Gas
614	May	4543	Chesterbrook Gardens	49-55 Chester Lane	Waltham	4	Nstar	5529	3686	1843	N/A	2.65	Gas	Gas
615	May	4545	Chesterbrook Gardens	69-75 Chester Lane	Waltham	4	Nstar	5528	3686	1842	N/A	2.55	Gas	Gas
616	May	4547	Chesterbrook Gardens	77-83 Chester Lane	Waltham	4	Nstar	5528	3686	1842	N/A	2.96	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sqft	kWh/ unit	Heating Fuel	Hot Water Fuel#2
617	May	4541	Chesterbrook Gardens	853-859 Lexington Street	Waltham	4	Nstar	5529	3686	1843	N/A	3.92	Gas	Gas
618	May	7099	Dana Court	20-24 LOWELL ST	Waltham	12	Nstar	18747	12498	7449	N/A	2.43	Gas	Gas
619	May	6832	Myrtle	75-77 MYRTLE ST	Waltham	12	Nstar	6628	6628	628	N/A	7.87	Gas	Gas
620	May	6833	Myrtle	83-85 MYRTLE ST	Waltham	12	Nstar	6628	6628	628	N/A	12.29	Gas	Gas
621	May	4521	Prospect Terrace	10 Dermody Road - 12	Waltham	8	Nstar	11388	7592	3796	N/A	6.54	Gas	Gas
622	May	4524	Prospect Terrace	100 Prospect Hill Lane	Waltham	10	Nstar	13806	9204	4602	N/A	4.83	Gas	Gas
623	May	4522	Prospect Terrace	104 Prospect Hill Lane - 13	Waltham	4	Nstar	5526	3684	1842	N/A	0.25	Gas	Gas
624	May	4525	Prospect Terrace	108 Prospect Hill Road - 16	Waltham	7	Nstar	14319	9546	4773	N/A	0.10	Gas	Gas
625	May	4534	Prospect Terrace	15 Dermody Road - 4	Waltham	4	Nstar	5526	3684	1842	N/A	0.82	Gas	Gas
626	May	4520	Prospect Terrace	22 Dermody Road - 11	Waltham	8	Nstar	11388	7592	3796	N/A	0.14	Gas	Gas
627	May	4527	Prospect Terrace	22 Hansen Road - 19	Waltham	8	Nstar	10992	7328	3664	N/A	0.58	Gas	Gas
628	May	4535	Prospect Terrace	25 Dermody Road - 5	Waltham	6	Nstar	8496	5664	2832	N/A	0.12	Gas	Gas
629	May	4523	Prospect Terrace	25 Hansen Road - 14	Waltham	10	Nstar	8964	8964	0	N/A	0.15	Gas	Gas
630	May	4518	Prospect Terrace	3 Dermody Road - 1	Waltham	4	Nstar	5526	3684	1842	N/A	0.60	Gas	Gas
631	May	4539	Prospect Terrace	38 Dermody Road - 9	Waltham	3	Nstar	3864	2576	1288	N/A	0.69	Gas	Gas
632	May	4531	Prospect Terrace	46 Prospect Hill Road - 22	Waltham	6	Nstar	8460	5640	2820	N/A	0.10	Gas	Gas
633	May	4528	Prospect Terrace	5 Dermody Road - 2	Waltham	4	Nstar	3684	3684	0	0.28	N/A	Gas	Gas
634	May	4538	Prospect Terrace	58 Hansen Road - 8	Waltham	6	Nstar	8460	5640	2820	N/A	6.92	Gas	Gas
635	May	4537	Prospect Terrace	66 Hansen Road - 7	Waltham	6	Nstar	8460	5640	2820	N/A	0.78	Gas	Gas
636	May	4530	Prospect Terrace	68 Prospect Hill Road/6 Hansen - 21	Waltham	12	Nstar	18300	12200	6100	N/A	0.13	Gas	Gas
637	May	4529	Prospect Terrace	7 Hansen Road - 20	Waltham	5	Nstar	6372	4248	2124	N/A	0.03	Gas	Gas
638	May	6839	Winchester - Crane	101 PROSPECT STREET	Waltham	59	Nstar	71650	71650	42150	N/A	3.44	Gas	Gas
639	May	8556	Cochituate Village	106 Main Street	Wayland	55	Nstar	49449	49449	15074	N/A	4.66	Gas	Gas
640	May	9526	Western Avenue	165 Western Ave	Cambridge	9	Nstar	7885	6901	3084	4.92	N/A	Gas	Gas
641	May	5901	Agawam Village	1 Sandwich Road	Wareham	8	Nstar	5364	3576	1778	4.70	N/A	Gas	Gas
642	May	5902	Agawam Village	2 Sandwich Road	Wareham	8	Nstar	5364	3576	1778	4.70	N/A	Gas	Gas
643	May	5903	Agawam Village	3 Sandwich Road	Wareham	8	Nstar	5364	3576	1778	4.70	N/A	Gas	Gas
644	May	5904	Agawam Village	4 Sandwich Road	Wareham	8	Nstar	5364	3576	1778	4.70	N/A	Gas	Gas
645	May	5905	Agawam Village	5 Sandwich Road	Wareham	8	Nstar	5364	3576	1778	4.70	N/A	Gas	Gas
646	Jun	108	Blue Mountain	36 Crawford	Dorchester	6	Nstar	9500	7125	2477	N/A	3.31	Gas	Gas
647	Jun	112	Blue Mountain	59 Elm Hill	Dorchester	6	Nstar	5220	5220	1323	N/A	7.34	Gas	Gas
648	Jun	2440	Jefferson Park Fed	109-124 Jackson Place Bldg 11	Cambridge	16	Nstar	26801	20101	6898	N/A	1.74	Gas	Gas
649	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 1	Framingham	4	Nstar	5976	3984	0	5.83	N/A	Gas	Gas
650	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 10	Framingham	4	Nstar	5976	3984	0	3.93	N/A	Gas	Gas
651	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 11	Framingham	4	Nstar	5976	3984	0	3.86	N/A	Gas	Gas
652	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 12	Framingham	4	Nstar	5976	3984	0	3.79	N/A	Gas	Gas
653	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 13	Framingham	4	Nstar	5976	3984	0	3.79	N/A	Gas	Gas
654	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 14	Framingham	4	Nstar	5976	3984	0	3.68	N/A	Gas	Gas
655	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 15	Framingham	4	Nstar	5976	3984	0	3.65	N/A	Gas	Gas
656	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 16	Framingham	4	Nstar	5976	3984	0	3.46	N/A	Gas	Gas
657	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 17	Framingham	4	Nstar	5976	3984	0	3.45	N/A	Gas	Gas
658	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 18	Framingham	4	Nstar	5976	3984	0	3.07	N/A	Gas	Gas
659	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 19	Framingham	4	Nstar	5976	3984	0	3.06	N/A	Gas	Gas
660	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 2	Framingham	4	Nstar	5976	3984	0	5.43	N/A	Gas	Gas
661	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 20	Framingham	4	Nstar	4896	3264	0	3.67	N/A	Gas	Gas
662	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 21	Framingham	4	Nstar	4896	3264	0	3.65	N/A	Gas	Gas
663	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 22	Framingham	4	Nstar	4896	3264	0	3.52	N/A	Gas	Gas
664	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 23	Framingham	4	Nstar	4896	3264	0	3.35	N/A	Gas	Gas
665	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 24	Framingham	4	Nstar	4896	3264	0	3.32	N/A	Gas	Gas
666	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 25	Framingham	4	Nstar	4896	3264	0	2.56	N/A	Gas	Gas
667	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 26	Framingham	4	Nstar	4896	3264	0	2.29	N/A	Gas	Gas
668	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 27	Framingham	4	Nstar	4896	3264	0	2.00	N/A	Gas	Gas
669	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 28	Framingham	5	Nstar	6264	4176	0	5.65	N/A	Gas	Gas
670	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 29	Framingham	12	Nstar	11592	7728	0	3.22	N/A	Gas	Gas
671	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 3	Framingham	4	Nstar	5976	3984	0	5.33	N/A	Gas	Gas
672	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 4	Framingham	4	Nstar	5976	3984	0	5.17	N/A	Gas	Gas

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673	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 5	Framingham	4	Nstar	5976	3984	0	4.55	N/A	Gas	Gas
674	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 6	Framingham	4	Nstar	5976	3984	0	4.52	N/A	Gas	Gas
675	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 7	Framingham	4	Nstar	5976	3984	0	4.38	N/A	Gas	Gas
676	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 8	Framingham	4	Nstar	5976	3984	0	4.37	N/A	Gas	Gas
677	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Building 9	Framingham	4	Nstar	5976	3984	0	4.06	N/A	Gas	Gas
678	Jun	Federal	Carlson/Pusan	9 Pusan Rd - Community Building	Framingham	1	Nstar	2166	2166	0	5.84	N/A	Gas	Gas
679	Jun	Federal	CAROLINE ST	32 42 CAROLINE ST	NEW BEDFORD	12	Nstar	5676	5676	0	9.66	N/A	Gas	Gas
680	Jun	9044	Castle Square Apartments	ilding 27 (430 Tremont St - Maintenance Storag	Boston	1	Nstar	5500	5500	5499	1.21	N/A	Gas	Gas
681	Jun	9053	Castle Square Apartments	ilding 28 (422 - 468 Tremont St - Community Blo	Boston	1	Nstar	19386	19386	19385	5.15	N/A	Gas	Electric
682	Jun	1332	Churchill Court	2511-2517 Mass Ave	Cambridge	4	Nstar	6440	6440	100	N/A	9.12	Gas	Gas
683	Jun	1334	Churchill Court	2527-2529 Mass Ave	Cambridge	2	Nstar	2472	2472	0	1.63	N/A	Gas	Gas
684	Jun	9877	Cummins Towers	855 American Legion Hwy	Boston	80	Nstar	92820	92820	41745	N/A	3.07	Gas	Gas
685	Jun	9878	Cummins Towers	865 American Legion Hwy	Boston	80	Nstar	92820	92820	41745	N/A	3.15	Gas	Gas
686	Jun	Federal	FAIRFIELD CHAFEE	962 964 CHAFEE ST	NEW BEDFORD	2	Nstar	2964	1976	988	3.21	N/A	Gas	Gas
687	Jun	Federal	FAIRFIELD CHAFEE	967 969 FAIRFIELD ST	NEW BEDFORD	2	Nstar	2964	1976	988	2.55	N/A	Gas	Gas
688	Jun	Federal	FAIRFIELD CHAFEE	970 972 CHAFEE ST	NEW BEDFORD	2	Nstar	2964	1976	988	2.88	N/A	Gas	Gas
689	Jun	4440	St. Lo Road	32 - 34 Guadal Canal	Framingham	2	Nstar	1440	1440	0	5.44	N/A	Gas	Gas
690	Jun	5661	Forest Green	16/18 Bennett Street	Natick	2	Nstar	1960	1960	0	4.44	N/A	Gas	Gas
691	Jun	5663	Forest Green	24/26 Bennett Street	Natick	2	Nstar	1960	1960	0	2.56	N/A	Gas	Gas
692	Jun	5664	Forest Green	28/30 Bennett St	Natick	2	Nstar	2940	1960	980	3.59	N/A	Gas	Gas
693	Jun	5665	Forest Green	28/30 Curve St	Natick	2	Nstar	2940	1960	980	5.36	N/A	Gas	Gas
694	Jun	5670	Forest Green	32/34 Bennett St	Natick	2	Nstar	2940	1960	980	2.70	N/A	Gas	Gas
695	Jun	5681	Forest Green	40/42 Bennett Street	Natick	2	Nstar	2352	2352	0	3.05	N/A	Gas	Gas
696	Jun	5672	Forest Green	40/42 Curve St	Natick	2	Nstar	2940	1960	980	4.93	N/A	Gas	Gas
697	Jun	5673	Forest Green	44/46 Bennett Street	Natick	2	Nstar	2940	1960	980	3.76	N/A	Gas	Gas
698	Jun	9318	Forest Green	44/46 Forest Ave Ext	Natick	2	Nstar	2940	1960	980	2.94	N/A	Gas	Gas
699	Jun	5674	Forest Green	48/50 Bennett St	Natick	2	Nstar	2940	1960	980	4.08	N/A	Gas	Gas
700	Jun	9319	Forest Green	48/50 Forest Ave Ext	Natick	2	Nstar	2940	1960	980	3.70	N/A	Gas	Gas
701	Jun	5675	Forest Green	49/51 Bennett St	Natick	2	Nstar	2940	1960	980	2.10	N/A	Gas	Gas
702	Jun	9329	Forest Green	52/54 Bennett St	Natick	2	Nstar	2940	1960	980	4.14	N/A	Gas	Gas
703	Jun	9320	Forest Green	52/54 Forest Ave Ext	Natick	2	Nstar	3528	2352	1176	3.65	N/A	Gas	Gas
704	Jun	9321	Forest Green	53/55 Forest Ave Ext	Natick	2	Nstar	3528	2352	1176	2.98	N/A	Gas	Gas
705	Jun	5676	Forest Green	55/57 Bennett St	Natick	2	Nstar	3528	2352	1176	2.55	N/A	Gas	Gas
706	Jun	5677	Forest Green	56/58 Bennett Street	Natick	2	Nstar	3528	2352	1176	2.78	N/A	Gas	Gas
707	Jun	9323	Forest Green	56/58 Forest Ave Ext	Natick	2	Nstar	3528	2352	1176	2.19	N/A	Gas	Gas
708	Jun	9324	Forest Green	57/59 Forest Ave Ext	Natick	2	Nstar	3528	2352	1176	1.77	N/A	Gas	Gas
709	Jun	5678	Forest Green	60/62 Bennett Street	Natick	2	Nstar	2352	2352	0	4.31	N/A	Gas	Gas
710	Jun	5679	Forest Green	64/66 Bennett Street	Natick	2	Nstar	3528	2352	1176	3.36	N/A	Gas	Gas
711	Jun	9327	Forest Green	71/73 High St	Natick	2	Nstar	3528	2352	1176	1.40	N/A	Gas	Gas
712	Jun	9328	Forest Green	75/77 High St	Natick	2	Nstar	3528	2352	1176	2.96	N/A	Gas	Gas
713	Jun	Federal	PRESIDENTIAL HEIGHTS	328 348 MT PLEASANT ST	NEW BEDFORD	11	Nstar	9342	6228	0	2.81	N/A	Gas	Gas
714	Jun	6823	Beaver Brook Apartments	298 GROVE ST	Waltham	4	Nstar	2400	2400	0	3.38	N/A	Gas	Gas
715	Jun	6825	Beaver Brook Apartments	302 GROVE ST	Waltham	4	Nstar	2400	2400	0	6.53	N/A	Gas	Gas
716	Jun	6827	Beaver Brook Apartments	306 GROVE ST	Waltham	6	Nstar	3744	3744	0	3.86	N/A	Gas	Gas
717	Jun	6828	Beaver Brook Apartments	308 GROVE ST	Waltham	6	Nstar	3744	3744	0	2.16	N/A	Gas	Gas
718	Jun	6817	Beaver Brook Apartments	312 GROVE ST	Waltham	6	Nstar	3744	3744	0	3.63	N/A	Gas	Gas
719	Jun	6818	Beaver Brook Apartments	314 GROVE ST	Waltham	6	Nstar	3744	3744	0	3.21	N/A	Gas	Gas
720	Jun	6819	Beaver Brook Apartments	318 GROVE ST	Waltham	4	Nstar	2400	2400	0	3.73	N/A	Gas	Gas
721	Jun	6820	Beaver Brook Apartments	320 GROVE ST	Waltham	4	Nstar	2400	2400	0	4.09	N/A	Gas	Gas
722	Jun	6821	Beaver Brook Apartments	322 GROVE ST	Waltham	4	Nstar	2400	2400	0	4.24	N/A	Gas	Gas
723	Jun	6822	Beaver Brook Apartments	324 GROVE ST	Waltham	4	Nstar	2400	2400	0	3.22	N/A	Gas	Gas
724	Jun	7103	Bright Side	20 GORMAN'S COURT	Waltham	4	Nstar	2284	1523	1066	8.53	N/A	Gas	Gas
725	Jun	7101	Dana Court	13-15 GARDNER ST	Waltham	8	Nstar	10788	7192	5034	N/A	0.67	Gas	Gas
726	Jun	7100	Dana Court	7-11 GARDNER ST	Waltham	12	Nstar	16125	10750	6575	N/A	1.31	Gas	Gas
727	Jun	0427A	Liberty Ave	1 Liberty Ave	Woburn	1	Nstar	1584	1056	528	1.70	N/A	Gas	Gas
728	Jun	0451B	Liberty Ave	10 Liberty Ave	Woburn	1	Nstar	1772	1181	590.5	2.05	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel#2
729	Jun	0439A	Liberty Ave	11 Libery Ave	Woburn	1	Nstar	1182	788	394	4.12	N/A	Gas	Gas
730	Jun	0439B	Liberty Ave	12 Liberty Ave	Woburn	1	Nstar	1772	1181	590.5	2.75	N/A	Gas	Gas
731	Jun	0440A	Liberty Ave	13 Liberty Ave	Woburn	1	Nstar	1182	788	394	2.87	N/A	Gas	Gas
732	Jun	0440B	Liberty Ave	14 Liberty Ave	Woburn	1	Nstar	1772	1181	590.5	1.91	N/A	Gas	Gas
733	Jun	0441A	Liberty Ave	15 Liberty Ave	Woburn	1	Nstar	1182	788	394	5.77	N/A	Gas	Gas
734	Jun	0441B	Liberty Ave	16 Liberty Ave	Woburn	1	Nstar	1772	1181	590.5	3.85	N/A	Gas	Gas
735	Jun	0433A	Liberty Ave	17 Liberty Ave	Woburn	1	Nstar	1188	792	396	2.53	N/A	Gas	Gas
736	Jun	0433B	Liberty Ave	18 Liberty Ave	Woburn	1	Nstar	1188	792	396	2.53	N/A	Gas	Gas
737	Jun	0427B	Liberty Ave	2 Liberty Ave	Woburn	1	Nstar	1584	1056	528	1.70	N/A	Gas	Gas
738	Jun	0434A	Liberty Ave	21 Liberty Ave	Woburn	1	Nstar	1188	792	396	2.67	N/A	Gas	Gas
739	Jun	0434B	Liberty Ave	22 Liberty Ave	Woburn	1	Nstar	1188	792	396	2.67	N/A	Gas	Gas
740	Jun	0435A	Liberty Ave	23 Liberty Ave	Woburn	1	Nstar	1188	792	396	4.13	N/A	Gas	Gas
741	Jun	0435B	Liberty Ave	24 Liberty Ave	Woburn	1	Nstar	1188	792	396	4.13	N/A	Gas	Gas
742	Jun	0436A	Liberty Ave	25 Liberty Ave	Woburn	1	Nstar	1188	792	396	3.56	N/A	Gas	Gas
743	Jun	0436B	Liberty Ave	26 Liberty Ave	Woburn	1	Nstar	1188	792	396	3.56	N/A	Gas	Gas
744	Jun	0428A	Liberty Ave	27 Liberty Ave	Woburn	1	Nstar	1584	1056	528	4.21	N/A	Gas	Gas
745	Jun	0428B	Liberty Ave	28 Liberty Ave	Woburn	1	Nstar	1584	1056	528	4.21	N/A	Gas	Gas
746	Jun	0443A	Liberty Ave	29 Liberty Ave	Woburn	1	Nstar	1182	788	394	5.55	N/A	Gas	Gas
747	Jun	0445A	Liberty Ave	3 Liberty Ave	Woburn	1	Nstar	1182	788	394	4.99	N/A	Gas	Gas
748	Jun	0443B	Liberty Ave	30 Liberty Ave	Woburn	1	Nstar	1772	1181	590.5	3.70	N/A	Gas	Gas
749	Jun	0444A	Liberty Ave	31 Liberty Ave	Woburn	1	Nstar	1182	788	394	4.50	N/A	Gas	Gas
750	Jun	0444B	Liberty Ave	32 Liberty Ave	Woburn	1	Nstar	1772	1181	590.5	3.01	N/A	Gas	Gas
751	Jun	0429A	Liberty Ave	33 Liberty Ave	Woburn	1	Nstar	1584	1056	528	3.82	N/A	Gas	Gas
752	Jun	0429B	Liberty Ave	34 Liberty Ave	Woburn	1	Nstar	1584	1056	528	3.82	N/A	Gas	Gas
753	Jun	0430A	Liberty Ave	35 Liberty Ave	Woburn	1	Nstar	1584	1056	528	2.95	N/A	Gas	Gas
754	Jun	0430B	Liberty Ave	36 Liberty Ave	Woburn	1	Nstar	1584	1056	528	2.95	N/A	Gas	Gas
755	Jun	0431A	Liberty Ave	37 Liberty Ave	Woburn	1	Nstar	1584	1056	528	3.63	N/A	Gas	Gas
756	Jun	0431B	Liberty Ave	38 Liberty Ave	Woburn	1	Nstar	1584	1056	528	3.63	N/A	Gas	Gas
757	Jun	0446A	Liberty Ave	39 Liberty Ave	Woburn	1	Nstar	1476	984	492	2.59	N/A	Gas	Gas
758	Jun	0445B	Liberty Ave	4 Liberty Ave	Woburn	1	Nstar	1772	1181	590.5	3.33	N/A	Gas	Gas
759	Jun	0446B	Liberty Ave	40 Liberty Ave	Woburn	1	Nstar	1476	984	492	2.59	N/A	Gas	Gas
760	Jun	0447A	Liberty Ave	41 Liberty Ave	Woburn	1	Nstar	1182	788	394	4.74	N/A	Gas	Gas
761	Jun	0447B	Liberty Ave	42 Liberty Ave	Woburn	1	Nstar	1772	1181	590.5	3.16	N/A	Gas	Gas
762	Jun	0448A	Liberty Ave	43 Liberty Ave	Woburn	1	Nstar	1182	788	394	3.81	N/A	Gas	Gas
763	Jun	0448B	Liberty Ave	44 Liberty Ave	Woburn	1	Nstar	1772	1181	590.5	2.55	N/A	Gas	Gas
764	Jun	0437A	Liberty Ave	45 Liberty Ave	Woburn	1	Nstar	951	634	317	8.62	N/A	Gas	Gas
765	Jun	0437B	Liberty Ave	46 Liberty Ave	Woburn	1	Nstar	1425	950	475	5.75	N/A	Gas	Gas
766	Jun	0432A	Liberty Ave	47 Liberty Ave	Woburn	1	Nstar	1182	788	394	6.05	N/A	Gas	Gas
767	Jun	0432B	Liberty Ave	48 Liberty Ave	Woburn	1	Nstar	1772	1181	590.5	4.04	N/A	Gas	Gas
768	Jun	0449A	Liberty Ave	5 Liberty Ave	Woburn	1	Nstar	1182	788	394	4.88	N/A	Gas	Gas
769	Jun	0449B	Liberty Ave	6 Liberty Ave	Woburn	1	Nstar	1772	1181	590.5	3.25	N/A	Gas	Gas
770	Jun	0438A	Liberty Ave	7 Liberty Ave	Woburn	1	Nstar	1188	792	396	5.50	N/A	Gas	Gas
771	Jun	0438B	Liberty Ave	8 Liberty Ave	Woburn	1	Nstar	1188	792	396	5.50	N/A	Gas	Gas
772	Jun	0451A	Liberty Ave	9 Liberty Ave	Woburn	1	Nstar	1182	788	394	3.07	N/A	Gas	Gas
773	Jun	9360	Agawam Village	Community Building	Wareham	1	Nstar	2894	1447	2893	4.70	N/A	Gas	Gas
774	Jun	5917	Redwood Park	Church Ave Community Bldg	Wareham	8	Nstar	4234	4234	234	4.02	N/A	Gas	Gas
775	Jul	1329A	Bedford Townhouses	231 Middle Street - 1	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
776	Jul	1329J	Bedford Townhouses	231 Middle Street - 10	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
777	Jul	1329K	Bedford Townhouses	231 Middle Street - 11	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
778	Jul	1329L	Bedford Townhouses	231 Middle Street - 12	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
779	Jul	1329M	Bedford Townhouses	231 Middle Street - 13	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
780	Jul	1329N	Bedford Townhouses	231 Middle Street - 14	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
781	Jul	1329O	Bedford Townhouses	231 Middle Street - 15	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
782	Jul	1329P	Bedford Townhouses	231 Middle Street - 16	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
783	Jul	1329Q	Bedford Townhouses	231 Middle Street - 17	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
784	Jul	1329R	Bedford Townhouses	231 Middle Street - 18	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel
785	Jul	1329S	Bedford Townhouses	231 Middle Street - 19	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
786	Jul	1329B	Bedford Townhouses	231 Middle Street - 2	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
787	Jul	1329T	Bedford Townhouses	231 Middle Street - 20	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
788	Jul	1329U	Bedford Townhouses	231 Middle Street - 21	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
789	Jul	1329V	Bedford Townhouses	231 Middle Street - 22	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
790	Jul	1329W	Bedford Townhouses	231 Middle Street - 23	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
791	Jul	1329X	Bedford Townhouses	231 Middle Street - 24	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
792	Jul	1329Y	Bedford Townhouses	231 Middle Street - 25	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
793	Jul	1329Z	Bedford Townhouses	231 Middle Street - 26	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
794	Jul	1329AA	Bedford Townhouses	231 Middle Street - 27	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
795	Jul	1329AB	Bedford Townhouses	231 Middle Street - 28	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
796	Jul	1329AC	Bedford Townhouses	231 Middle Street - 29	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
797	Jul	1329C	Bedford Townhouses	231 Middle Street - 3	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
798	Jul	1329AD	Bedford Townhouses	231 Middle Street - 30	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
799	Jul	1329AE	Bedford Townhouses	231 Middle Street - 31	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
800	Jul	1329AF	Bedford Townhouses	231 Middle Street - 32	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
801	Jul	1329AG	Bedford Townhouses	231 Middle Street - 33	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
802	Jul	1329AH	Bedford Townhouses	231 Middle Street - 34	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
803	Jul	1329AI	Bedford Townhouses	231 Middle Street - 35	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
804	Jul	1329AJ	Bedford Townhouses	231 Middle Street - 36	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
805	Jul	1329AK	Bedford Townhouses	231 Middle Street - 37	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
806	Jul	1329AL	Bedford Townhouses	231 Middle Street - 38	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
807	Jul	1329AM	Bedford Townhouses	231 Middle Street - 39	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
808	Jul	1329D	Bedford Townhouses	231 Middle Street - 4	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
809	Jul	1329AN	Bedford Townhouses	231 Middle Street - 40	New Bedford	1	NStar	811	811	0	4.74	N/A	Gas	Gas
810	Jul	1329E	Bedford Townhouses	231 Middle Street - 5	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
811	Jul	1329F	Bedford Townhouses	231 Middle Street - 6	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
812	Jul	1329G	Bedford Townhouses	231 Middle Street - 7	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
813	Jul	1329H	Bedford Townhouses	231 Middle Street - 8	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
814	Jul	1329I	Bedford Townhouses	231 Middle Street - 9	New Bedford	1	NStar	576	576	0	4.74	N/A	Gas	Gas
815	Jul	9349	Mace (FED)	1-3 Clinton Ct	Chelsea	24	NStar	14580	14580	882	N/A	18.67	Gas	Gas
816	Jul	9353	Mace (FED)	1-3 Mill Ct	Chelsea	24	NStar	14580	14580	882	N/A	25.70	Gas	Gas
817	Jul	9350	Mace (FED)	2-4 Clinton Ct	Chelsea	24	NStar	14580	14580	882	N/A	22.82	Gas	Gas
818	Jul	9358	Margolis (FED)	260 Clark Ave	Chelsea	152	NStar	97500	97500	16640	20.01	N/A	Electric	Electric
819	Jul	9341	Scrivano (FED)	1-3 Parkway Ct	Chelsea	23	NStar	14580	14580	1452	N/A	26.41	Gas	Gas
820	Jul	9336	Scrivano (FED)	1-3-5 Webster Ct	Chelsea	35	NStar	21870	21870	1323	N/A	35.54	Gas	Gas
821	Jul	9342	Scrivano (FED)	2-4 Parkway Ct	Chelsea	24	NStar	14580	14580	882	N/A	38.42	Gas	Gas
822	Jul	9337	Scrivano (FED)	2-4 Webster Ct	Chelsea	24	NStar	14580	14580	882	N/A	35.98	Gas	Gas
823	Jul	1367	Christopher Columbus Plaza	145 Commercial Street	Boston	151	NStar	174895	145750	29145	6.61	N/A	Gas	Gas
824	Jul	11424	Commerce Apartments	202 Warren Street	Roxbury	1	NStar	9610	7380	3710	N/A	4.05	Gas	Gas
825	Jul	9876	Cummins Towers	950 Canterbury Street	Boston	78	NStar	92820	92820	42850	N/A	3.53	Gas	Gas
826	Jul	11439	Framingham Green	Building 1	Framingham	22	NSTAR	14214	14214	3240	N/A	8.46	Gas	Electric
827	Jul	11440	Framingham Green	Building 2	Framingham	32	NSTAR	20424	20424	4656	N/A	8.46	Gas	Electric
828	Jul	11441	Framingham Green	Building 3	Framingham	18	NSTAR	11792	11792	2688	N/A	8.46	Gas	Electric
829	Jul	11442	Framingham Green	Building 4	Framingham	15	NSTAR	9604	9604	2189	N/A	8.46	Gas	Electric
830	Jul	11443	Framingham Green	Building 5	Framingham	24	NSTAR	15616	15616	3560	N/A	8.46	Gas	Electric
831	Jul	11438	Framingham Green	Community Building	Framingham	1	NSTAR	3600	3600	3600	N/A	8.46	Gas	Electric
832	Jul	7870	Franklin Highland	109-115 Homestead St	Dorchester	37	NStar	39455	39455	6385	1.32	N/A	Gas	Gas
833	Jul	7876	Franklin Highland	11 Brookledge St	Dorchester	10	NStar	12969	12969	2428	1.45	N/A	Gas	Gas
834	Jul	7868	Franklin Highland	124-128 Ruthven St	Dorchester	12	NStar	16357	12145	5667	1.27	N/A	Gas	Gas
835	Jul	7877	Franklin Highland	125 Homestead St	Dorchester	6	NStar	12677	8830	5007	1.34	N/A	Gas	Gas
836	Jul	7878	Franklin Highland	144 Seaver St	Dorchester	12	NStar	14485	14485	2735	1.27	N/A	Gas	Gas
837	Jul	7879	Franklin Highland	148 Seaver St	Dorchester	12	NStar	14757	14757	2735	1.12	N/A	Gas	Gas
838	Jul	7866	Franklin Highland	154 Seaver St	Dorchester	21	NStar	27604	27604	4546	1.86	N/A	Gas	Gas
839	Jul	7874	Franklin Highland	155-157 Homestead St	Dorchester	6	NStar	12677	8830	4697	1.13	N/A	Gas	Gas
840	Jul	7873	Franklin Highland	162 Seaver St	Dorchester	29	NStar	26023	26023	5079	2.02	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel
841	Jul	7880	Franklin Highland	180 Seaver St	Boston	12	NStar	19123	17760	1821	0.59	N/A	Gas	Gas
842	Jul	7881	Franklin Highland	184 Seaver St	Boston	11	NStar	16870	15688	1747	1.28	N/A	Gas	Gas
843	Jul	7871	Franklin Highland	278-280 Humbolt Ave	Dorchester	24	NStar	29706	25542	6412	1.85	N/A	Gas	Gas
844	Jul	7875	Franklin Highland	32 Seaver St	Boston	16	NStar	11973	10571	2023	1.60	N/A	Gas	Gas
845	Jul	7872	Franklin Highland	45-51 Brookledge St	Boston	23	NStar	25939	25939	2804	1.30	N/A	Gas	Gas
846	Jul	7869	Franklin Highland	63-67 Brookledge St	Dorchester	24	NStar	28471	28471	5392	1.27	N/A	Gas	Gas
847	Jul	7867	Franklin Highland	79-83 Hutchings St	Dorchester	12	NStar	15311	12208	3851	1.90	N/A	Gas	Gas
848	Jul	10589	Highland Gardens	Highland Gardens	Somerville	42	NStar	34400	30100	11720	6.67	N/A	Gas	Gas
849	Jul	1453	Irving Street Apartments #48291	81 Irving Street	Framingham	11	NStar	32014	28845	19014	N/A	0.40	Oil	Gas
850	Jul	1454A	Lamplighter Village	1 Stagecoach Rd (Community)	Canton	1	NSTAR	2000	2000	2000	N/A	15.10	Electric	Electric
851	Jul	1454B	Lamplighter Village	100 Stagecoach Rd	Canton	16	NSTAR	10000	10000	1500	N/A	15.10	Electric	Electric
852	Jul	1454C	Lamplighter Village	200 Stagecoach Rd	Canton	16	NSTAR	9300	9300	1500	N/A	15.10	Electric	Electric
853	Jul	1454D	Lamplighter Village	300 Stagecoach Rd	Canton	16	NSTAR	9300	9300	1500	N/A	15.10	Electric	Electric
854	Jul	1454E	Lamplighter Village	400 Stagecoach Rd	Canton	16	NSTAR	9300	9300	1500	N/A	15.10	Electric	Electric
855	Jul	1454F	Lamplighter Village	500 Stagecoach Rd	Canton	16	NSTAR	9300	9300	1500	N/A	15.10	Electric	Electric
856	Jul	10483	Kenney Drive	Building A	Medway	2	NStar	4200	2100	3000	11.47	N/A	Electric	Electric
857	Jul	10484A	Kenney Drive	Building B1	Medway	1	NStar	450	450	0	11.50	N/A	Electric	Electric
858	Jul	10484B	Kenney Drive	Building B2	Medway	1	NStar	450	450	0	11.50	N/A	Electric	Electric
859	Jul	10484C	Kenney Drive	Building B3	Medway	1	NStar	450	450	0	11.50	N/A	Electric	Electric
860	Jul	10484D	Kenney Drive	Building B4	Medway	1	NStar	450	450	0	11.50	N/A	Electric	Electric
861	Jul	10487A	Kenney Drive	Building C1	Medway	1	NStar	450	450	0	11.50	N/A	Electric	Electric
862	Jul	10487B	Kenney Drive	Building C2	Medway	1	NStar	450	450	0	11.50	N/A	Electric	Electric
863	Jul	10487C	Kenney Drive	Building C3	Medway	1	NStar	450	450	0	11.50	N/A	Electric	Electric
864	Jul	10487D	Kenney Drive	Building C4	Medway	1	NStar	450	450	0	11.50	N/A	Electric	Electric
865	Jul	10486	Kenney Drive	Building D	Medway	12	NStar	8388	5592	3396	11.47	N/A	Electric	Electric
866	Jul	10485	Kenney Drive	Building E	Medway	12	NStar	8388	5592	3396	11.47	N/A	Electric	Electric
867	Jul	10488	Lovering Heights	Building A	Medway	12	NStar	11370	7580	4390	9.49	N/A	Electric	Electric
868	Jul	10489	Lovering Heights	Building B	Medway	12	NStar	11370	7580	3790	9.49	N/A	Electric	Electric
869	Jul	10490	Lovering Heights	Building C	Medway	12	NStar	11370	7580	3790	9.49	N/A	Electric	Electric
870	Jul	10491	Lovering Heights	Building D	Medway	12	NStar	11370	7580	3790	9.49	N/A	Electric	Electric
871	Jul	10492	Lovering Heights	Building E	Medway	12	NStar	11370	7580	3790	9.49	N/A	Electric	Electric
872	Jul	10380	Mahan Circle (FED)	600 Mahan Circle	Medway	70	NStar	38377	37577	9924	9.60	N/A	Gas	Gas
873	Jul	10542	Maple Lane (FED)	101 Maple Lane	Medway	1	NStar	1500	1500	0	10.20	N/A	Gas	Gas
874	Jul	10540A	Maple Lane (FED)	102 Maple Lane	Medway	1	NStar	1205	1205	0	7.61	N/A	Gas	Gas
875	Jul	10541A	Maple Lane (FED)	103 Maple Lane	Medway	1	NStar	1188	1188	0	6.41	N/A	Gas	Gas
876	Jul	10540B	Maple Lane (FED)	104 Maple Lane	Medway	1	NStar	1205	1205	0	7.61	N/A	Gas	Gas
877	Jul	10541B	Maple Lane (FED)	105 Maple Lane	Medway	1	NStar	1188	1188	0	6.41	N/A	Gas	Gas
878	Jul	10539	Maple Lane (FED)	106 Maple Lane	Medway	1	NStar	1500	1500	0	6.21	N/A	Gas	Gas
879	Jul	10535A	Maple Lane (FED)	107 Maple Lane	Medway	1	NStar	844	844	0	6.67	N/A	Gas	Gas
880	Jul	10538A	Maple Lane (FED)	108 Maple Lane	Medway	1	NStar	1171	1171	0	6.15	N/A	Gas	Gas
881	Jul	10535B	Maple Lane (FED)	109 Maple Lane	Medway	1	NStar	844	844	0	6.67	N/A	Gas	Gas
882	Jul	10538B	Maple Lane (FED)	110 Maple Lane	Medway	1	NStar	1171	1171	0	6.15	N/A	Gas	Gas
883	Jul	10535C	Maple Lane (FED)	111 Maple Lane	Medway	1	NStar	844	844	0	6.67	N/A	Gas	Gas
884	Jul	10537	Maple Lane (FED)	112 Maple Lane	Medway	1	NStar	1500	1500	0	6.60	N/A	Gas	Gas
885	Jul	10534A	Maple Lane (FED)	114 Maple Lane	Medway	1	NStar	840	840	0	7.23	N/A	Gas	Gas
886	Jul	10535D	Maple Lane (FED)	115 Maple Lane	Medway	1	NStar	844	844	0	6.67	N/A	Gas	Gas
887	Jul	10534B	Maple Lane (FED)	116 Maple Lane	Medway	1	NStar	840	840	0	7.23	N/A	Gas	Gas
888	Jul	10535E	Maple Lane (FED)	117 Maple Lane	Medway	1	NStar	844	844	0	6.67	N/A	Gas	Gas
889	Jul	10534C	Maple Lane (FED)	118 Maple Lane	Medway	1	NStar	840	840	0	7.23	N/A	Gas	Gas
890	Jul	10535F	Maple Lane (FED)	119 Maple Lane	Medway	1	NStar	844	844	0	6.67	N/A	Gas	Gas
891	Jul	10534D	Maple Lane (FED)	120 Maple Lane	Medway	1	NStar	840	840	0	7.23	N/A	Gas	Gas
892	Jul	10535G	Maple Lane (FED)	121 Maple Lane	Medway	1	NStar	844	844	0	6.67	N/A	Gas	Gas
893	Jul	10534E	Maple Lane (FED)	122 Maple Lane	Medway	1	NStar	840	840	0	7.23	N/A	Gas	Gas
894	Jul	10536A	Maple Lane (FED)	123 Maple Lane	Medway	1	NStar	843	843	0	6.91	N/A	Gas	Gas
895	Jul	10534F	Maple Lane (FED)	124 Maple Lane	Medway	1	NStar	840	840	0	7.23	N/A	Gas	Gas
896	Jul	10536B	Maple Lane (FED)	125 Maple Lane	Medway	1	NStar	843	843	0	6.91	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel#2
897	Jul	10536C	Maple Lane (FED)	127 Maple Lane	Medway	1	NStar	843	843	0	6.91	N/A	Gas	Gas
898	Jul	10536D	Maple Lane (FED)	129 Maple Lane	Medway	1	NStar	843	843	0	6.91	N/A	Gas	Gas
899	Jul	10536E	Maple Lane (FED)	131 Maple Lane	Medway	1	NStar	843	843	0	6.91	N/A	Gas	Gas
900	Jul	10536F	Maple Lane (FED)	133 Maple Lane	Medway	1	NStar	843	843	0	6.91	N/A	Gas	Gas
901	Jul	10536G	Maple Lane (FED)	135 Maple Lane	Medway	1	NStar	843	843	0	6.91	N/A	Gas	Gas
902	Jul	10536H	Maple Lane (FED)	137 Maple Lane	Medway	1	NStar	843	843	0	6.91	N/A	Gas	Gas
903	Jul	1373	Melville Towers	850 Pleasant Street	New Bedford	320	NStar	269020	269020	63980	7.68	N/A	Gas	Gas
904	Jul	3673	High Rock	10 Memorial Circle	Needham	1	NStar	784	784	N/A	6.76	N/A	Gas	Gas
905	Jul	3644	High Rock	100 Fairview Road	Needham	1	NStar	756	756	N/A	3.64	N/A	Gas	Gas
906	Jul	3645	High Rock	105 Fairview Road	Needham	1	NStar	756	756	N/A	1.96	N/A	Gas	Gas
907	Jul	3646	High Rock	106 Fairview Road	Needham	1	NStar	931	931	N/A	8.73	N/A	Gas	Gas
908	Jul	3647	High Rock	111 Fairview Road	Needham	1	NStar	756	756	N/A	3.85	N/A	Gas	Gas
909	Jul	3648	High Rock	114 FAIRVIEW ROAD	Needham	1	NStar	931	931	N/A	4.16	N/A	Gas	Gas
910	Jul	3674	High Rock	14 Memorial Circle	Needham	1	NStar	870	870	N/A	8.40	N/A	Gas	Gas
911	Jul	3679	High Rock	16 MURPHY ROAD	Needham	1	NStar	931	931	N/A	8.04	N/A	Gas	Gas
912	Jul	3689	High Rock	16 SUMMIT ROAD	Needham	1	NStar	931	931	N/A	3.85	N/A	Gas	Gas
913	Jul	3675	High Rock	17 Memorial Circle	Needham	1	NStar	870	870	N/A	5.28	N/A	Gas	Gas
914	Jul	3697	High Rock	17 YURICK ROAD	Needham	1	NStar	906	906	N/A	12.90	N/A	Gas	Gas
915	Jul	3676	High Rock	18 Memorial Circle	Needham	1	NStar	906	906	N/A	4.92	N/A	Gas	Gas
916	Jul	3698	High Rock	18 YURICK ROAD	Needham	1	NStar	784	784	N/A	3.27	N/A	Gas	Gas
917	Jul	3657	High Rock	208 LINDEN STREET	Needham	1	NStar	870	870	N/A	5.76	N/A	Gas	Gas
918	Jul	3659	High Rock	214 LINDEN STREET	Needham	1	NStar	870	870	N/A	5.92	N/A	Gas	Gas
919	Jul	3690	High Rock	22 Summit Road	Needham	1	NStar	756	756	N/A	7.42	N/A	Gas	Gas
920	Jul	3660	High Rock	223 LINDEN STREET	Needham	1	NStar	906	906	N/A	5.58	N/A	Gas	Gas
921	Jul	3661	High Rock	229 LINDEN STREET	Needham	1	NStar	756	756	N/A	3.67	N/A	Gas	Gas
922	Jul	3662	High Rock	232 LINDEN STREET	Needham	1	NStar	756	756	N/A	7.84	N/A	Gas	Gas
923	Jul	3663	High Rock	237 LINDEN STREET	Needham	1	NStar	906	906	N/A	7.09	N/A	Gas	Gas
924	Jul	3680	High Rock	24 Murphy Road	Needham	1	NStar	906	906	N/A	8.97	N/A	Gas	Gas
925	Jul	3699	High Rock	24 YURICK ROAD	Needham	1	NStar	931	931	N/A	5.85	N/A	Gas	Gas
926	Jul	3664	High Rock	243 LINDEN STREET	Needham	1	NStar	756	756	N/A	7.09	N/A	Gas	Gas
927	Jul	3665	High Rock	247 Linden Street	Needham	1	NStar	784	784	N/A	5.03	N/A	Gas	Gas
928	Jul	3700	High Rock	25 Yurick Road	Needham	1	NStar	870	870	N/A	2.28	N/A	Gas	Gas
929	Jul	3666	High Rock	253 LINDEN STREET	Needham	1	NStar	756	756	N/A	1.80	N/A	Gas	Gas
930	Jul	3691	High Rock	26 Summit Road	Needham	1	NStar	756	756	N/A	5.99	N/A	Gas	Gas
931	Jul	3668	High Rock	265 LINDEN STREET	Needham	1	NStar	784	784	N/A	7.72	N/A	Gas	Gas
932	Jul	3692	High Rock	29 SUMMIT ROAD	Needham	1	NStar	931	931	N/A	3.80	N/A	Gas	Gas
933	Jul	3677	High Rock	3 Memorial Circle	Needham	1	NStar	756	756	N/A	7.87	N/A	Gas	Gas
934	Jul	3701	High Rock	3 Yurick Road	Needham	1	NStar	756	756	N/A	3.94	N/A	Gas	Gas
935	Jul	3681	High Rock	30 Murphy Road	Needham	1	NStar	870	870	N/A	6.61	N/A	Gas	Gas
936	Jul	3702	High Rock	30 YURICK ROAD	Needham	1	NStar	784	784	N/A	7.11	N/A	Gas	Gas
937	Jul	3703	High Rock	33 YURICK ROAD	Needham	1	NStar	784	784	N/A	13.49	N/A	Gas	Gas
938	Jul	3704	High Rock	36 Yurick Road	Needham	1	NStar	870	870	N/A	8.29	N/A	Gas	Gas
939	Jul	3685	High Rock	39 Murphy Road	Needham	1	NStar	756	756	N/A	8.01	N/A	Gas	Gas
940	Jul	3678	High Rock	4 Memorial Circle	Needham	1	NStar	756	756	N/A	3.17	N/A	Gas	Gas
941	Jul	3706	High Rock	40 Yurick Road	Needham	1	NStar	906	906	N/A	3.12	N/A	Gas	Gas
942	Jul	3707	High Rock	43 Yurick Road	Needham	1	NStar	870	870	N/A	4.38	N/A	Gas	Gas
943	Jul	3682	High Rock	45 Murphy Road	Needham	1	NStar	784	784	N/A	8.11	N/A	Gas	Gas
944	Jul	3708	High Rock	46 Yurick Road	Needham	1	NStar	870	870	N/A	9.96	N/A	Gas	Gas
945	Jul	3709	High Rock	50 Yurick Road	Needham	1	NStar	756	756	N/A	7.26	N/A	Gas	Gas
946	Jul	3683	High Rock	51 Murphy Road	Needham	1	NStar	756	756	N/A	4.57	N/A	Gas	Gas
947	Jul	3710	High Rock	51 YURICK ROAD	Needham	1	NStar	906	906	N/A	5.01	N/A	Gas	Gas
948	Jul	3711	High Rock	56 YURICK ROAD	Needham	1	NStar	784	784	N/A	7.03	N/A	Gas	Gas
949	Jul	3712	High Rock	59 YURICK ROAD	Needham	1	NStar	931	931	N/A	9.11	N/A	Gas	Gas
950	Jul	3713	High Rock	62 YURICK ROAD	Needham	1	NStar	931	931	N/A	3.03	N/A	Gas	Gas
951	Jul	3649	High Rock	75 Fairview Road	Needham	1	NStar	756	756	N/A	4.64	N/A	Gas	Gas
952	Jul	3650	High Rock	80 Fairview Road	Needham	1	NStar	756	756	N/A	6.58	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ heating ft2	Heating Fuel	Hot Water Fuel#2
953	Jul	3651	High Rock	83 FAIRVIEW ROAD	Needham	1	NStar	756	756	N/A	3.18	N/A	Gas	Gas
954	Jul	3652	High Rock	87 Fairview Road	Needham	1	NStar	931	931	N/A	8.33	N/A	Gas	Gas
955	Jul	3653	High Rock	88 Fairview Road	Needham	1	NStar	756	756	N/A	4.96	N/A	Gas	Gas
956	Jul	3654	High Rock	93 FAIRVIEW ROAD	Needham	1	NStar	931	931	N/A	5.11	N/A	Gas	Gas
957	Jul	3655	High Rock	94 Fairview Road	Needham	1	NStar	756	756	N/A	11.04	N/A	Gas	Gas
958	Jul	3656	High Rock	99 FAIRVIEW ROAD	Needham	1	NStar	756	756	N/A	4.84	N/A	Gas	Gas
959	Jul	9420	Robert A. Georgine Towers	100 Ferrin St	Boston	42	NStar	33000	33000	15570	8.03	N/A	Gas	Gas
960	Jul	10533	Weston Manor	Weston Manor	Somerville	80	NStar	63450	63450	18650	11.52	N/A	Electric	Gas
961	Jul	5909	Redwood Park	Church Avenue - A	Wareham	8	NStar	6351	4234	2351	4.02	N/A	Gas	Gas
962	Jul	5910	Redwood Park	Church Avenue - B	Wareham	8	NStar	6351	4234	2351	4.02	N/A	Gas	Gas
963	Jul	5911	Redwood Park	Church Avenue - C	Wareham	8	NStar	6351	4234	2351	4.02	N/A	Gas	Gas
964	Jul	5912	Redwood Park	Church Avenue - D	Wareham	8	NStar	6351	4234	2351	4.02	N/A	Gas	Gas
965	Jul	5913	Redwood Park	Church Avenue - E	Wareham	8	NStar	6351	4234	2351	4.02	N/A	Gas	Gas
966	Jul	5914	Redwood Park	Church Avenue - F	Wareham	8	NStar	6351	4234	2351	4.02	N/A	Gas	Gas
967	Jul	5915	Redwood Park	Church Avenue - G	Wareham	8	NStar	6351	4234	2351	4.02	N/A	Gas	Gas
968	Jul	5916	Redwood Park	Church Avenue - H	Wareham	8	NStar	6351	4234	2351	4.02	N/A	Gas	Gas
969	Aug	6247	Ben Rose I	134/132,128/126 BLACKMER STREET	New Bedford	4	NStar	7302	4868	2434	2.04	N/A	Gas	Gas
970	Aug	6251	Ben Rose I	20/18,14/12,8/6 DIVISION STREET	New Bedford	6	NStar	10953	7302	3651	2.24	N/A	Gas	Gas
971	Aug	6248	Ben Rose I	640/642,646/648 FIRST STREET	New Bedford	4	NStar	7392	4928	2464	2.21	N/A	Gas	Gas
972	Aug	6243	Ben Rose I	679/681,683/685 FIRST STREET	New Bedford	4	NStar	7392	4928	2464	2.55	N/A	Gas	Gas
973	Aug	6255	Ben Rose I	941/943,947/949,953/955 WATER STREET	New Bedford	6	NStar	10953	7302	3651	2.78	N/A	Gas	Gas
974	Aug	8677	Casas	10 Upton St	Boston	3	NStar	2594	2594	440	N/A	7.97	Gas	Gas
975	Aug	8679	Casas	328 Shawmut ave	Boston	4	NStar	4760	4760	1088	N/A	3.60	Gas	Gas
976	Aug	8680	Casas	330 Shawmut ave	Boston	4	NStar	4760	4760	1088	N/A	4.03	Gas	Gas
977	Aug	8681	Casas	334 Shawmut ave	Boston	4	NStar	4760	4760	1088	N/A	4.20	Gas	Gas
978	Aug	8682	Casas	401 Shawmut ave	Boston	4	NStar	3680	3680	492	N/A	5.91	Gas	Gas
979	Aug	8678	Casas	628-630 Tremont st	Boston	10	NStar	17353	17353	6026	N/A	6.01	Gas	Gas
980	Aug	8676	Casas	638 Tremont St	Boston	3	NStar	4920	4920	906	N/A	4.61	Gas	Gas
981	Aug	4866	Cedar Gardens 1	CEDAR AVE - A	Natick	12	NStar	9306	9306	2106	2.26	N/A	Gas	Gas
982	Aug	4867	Cedar Gardens 1	CEDAR AVE - B	Natick	12	NStar	9306	9306	2106	4.22	N/A	Gas	Gas
983	Aug	4868	Cedar Gardens 1	CEDAR AVE - C	Natick	12	NStar	9306	9306	2106	2.56	N/A	Gas	Gas
984	Aug	4869	Cedar Gardens 1	CEDAR AVE - D	Natick	4	NStar	1825	1825	225	12.98	N/A	Gas	Gas
985	Aug	4870	Cedar Gardens 1	CEDAR AVE - E	Natick	8	NStar	5808	5808	608	2.67	N/A	Gas	Gas
986	Aug	4871	Cedar Gardens 1	CEDAR AVE - F - Community	Natick	1	NStar	2164	2164	0	8.03	N/A	Gas	Gas
987	Aug	4872	Cedar Gardens 1	CEDAR AVE - G	Natick	12	NStar	9306	9306	2106	3.37	N/A	Gas	Gas
988	Aug	4873	Cedar Gardens 3	CEDAR AVE - H	Natick	12	NStar	9306	9306	2106	3.69	N/A	Gas	Gas
989	Aug	4875	Cedar Gardens 3	CEDAR AVE - J	Natick	8	NStar	6468	6468	1468	3.00	N/A	Gas	Gas
990	Aug	4874	Cedar Gardens 3	CEDAR AVE - K	Natick	12	NStar	9306	9306	2106	2.95	N/A	Gas	Gas
991	Aug	4876	Cedar Gardens 3	CEDAR AVE - L	Natick	12	NStar	10362	10362	1962	3.35	N/A	Gas	Gas
992	Aug	4877	Cedar Gardens 3	CEDAR AVE - M	Natick	12	NStar	10362	10362	1962	3.01	N/A	Gas	Gas
993	Aug	4878	Cedar Gardens 3	CEDAR AVE - N	Natick	12	NStar	10362	10362	1962	2.14	N/A	Gas	Gas
994	Aug	4879	Cedar Gardens 3	CEDAR AVE - O	Natick	12	NStar	10362	10362	1962	2.67	N/A	Gas	Gas
995	Aug	4880	Cedar Gardens 3	CEDAR AVE - P	Natick	12	NStar	10362	10362	1962	2.37	N/A	Gas	Gas
996	Aug	4881	Cedar Gardens 3	CEDAR AVE - Q	Natick	12	NStar	10362	10362	1962	2.76	N/A	Gas	Gas
997	Aug	4883	Cedar Gardens 4	CEDAR AVE - R	Natick	12	NStar	12800	12800	3800	2.14	N/A	Gas	Gas
998	Aug	4884	Cedar Gardens 4	CEDAR AVE - S	Natick	12	NStar	12800	12800	3800	2.49	N/A	Gas	Gas
999	Aug	4885	Cedar Gardens 4	CEDAR TERRACE - T	Natick	12	NStar	12800	12800	3800	2.95	N/A	Gas	Gas
1000	Aug	4886	Cedar Gardens 4	CEDAR TERRACE - U	Natick	12	NStar	12800	12800	3800	2.18	N/A	Gas	Gas
1001	Aug	4888	Cedar Gardens 4	CEDAR TERRACE - V	Natick	12	NStar	10676	10676	2676	3.13	N/A	Gas	Gas
1002	Aug	4889	Cedar Gardens 4	CEDAR TERRACE - W	Natick	12	NStar	10676	10676	2676	2.87	N/A	Gas	Gas
1003	Aug	4890	Cedar Gardens 4	CEDAR TERRACE - X	Natick	12	NStar	10676	10676	2676	3.58	N/A	Gas	Gas
1004	Aug	5520A	CGM Limited Partnership	12 Grove St	Chelsea	3	NStar	3282	2832	450	N/A	2.86	Gas	Gas
1005	Aug	5520B	CGM Limited Partnership	12 Grove St	Chelsea	3	NStar	3282	2832	450	N/A	2.86	Gas	Gas
1006	Aug	5521A	CGM Limited Partnership	14 Grove St	Chelsea	3	NStar	3282	2950	332	N/A	9.00	Gas	Gas
1007	Aug	5521B	CGM Limited Partnership	14 Grove St	Chelsea	3	NStar	3282	2950	332	N/A	9.00	Gas	Gas
1008	Aug	10671	Chelsea Village	5 Admiral's Way	Chelsea	182	NStar	155708	155708	42908	N/A	8.99	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ unit	kWh/ ft2	Heating Fuel	Hot Water Fuel
1009	Aug	10672	Cherry Hill (I & II)	130 Court St	Plymouth	37	NStar	32920	32920	14420	7.05	N/A	Gas	Gas
1010	Aug	12530H	West Hill Park	15 West Hill Pk	Natick	1	NStar	870	870	0	7.48	N/A	Gas	Gas
1011	Aug	12531E	West Hill Park	9 West Hill Pk	Natick	1	NStar	870	870	0	7.48	N/A	Gas	Gas
1012	Aug	2024	Wilber School Apartments	75 South Main	Sharon	75	NStar	109494	109494	37058	6.28	8.62	Gas	Gas
1013	Aug	1839	Coolidge School, The Apartments at	319 Arlington Street	Watertown	38	NStar	51869	51869	22305	N/A	6.74	Gas	Gas
1014	Aug	3861	Creston	Creston G	Woburn	5	NStar	4920	4920	1525	3.22	N/A	Gas	Gas
1015	Aug	6667	Demedeiros Apartments II	30-32 Whitman St	New Bedford	2	NStar	3708	3708	1236	2.52	N/A	Gas	Gas
1016	Aug	6668	Demedeiros Apartments II	36-38 Whitman St	New Bedford	2	NStar	3708	3708	1236	2.94	N/A	Gas	Gas
1017	Aug	6669	Demedeiros Apartments II	42-44 Whitman St	New Bedford	2	NStar	3708	3708	1236	3.11	N/A	Gas	Gas
1018	Aug	6670	Demedeiros Apartments II	49-51 Whitman St	New Bedford	2	NStar	3708	3708	1236	2.56	N/A	Gas	Gas
1019	Aug	Federal	East Dedham Square	1 High Street	Dedham	1	NStar	1080	1080	0	10.86	N/A	Gas	Gas
1020	Aug	Federal	East Dedham Square	21 O'Brien Way	Dedham	1	NStar	1080	1080	0	4.48	N/A	Gas	Gas
1021	Aug	Federal	East Dedham Square	23 O'Brien Way	Dedham	1	NStar	1080	1080	0	8.74	N/A	Gas	Gas
1022	Aug	Federal	East Dedham Square	25 O'Brien Way	Dedham	1	NStar	1080	1080	0	5.30	N/A	Gas	Gas
1023	Aug	Federal	East Dedham Square	27 O'Brien Way	Dedham	1	NStar	1080	1080	0	9.09	N/A	Gas	Gas
1024	Aug	Federal	East Dedham Square	29 O'Brien Way	Dedham	1	NStar	1080	1080	0	5.24	N/A	Gas	Gas
1025	Aug	Federal	East Dedham Square	3 High Street	Dedham	1	NStar	1080	1080	0	8.03	N/A	Gas	Gas
1026	Aug	Federal	East Dedham Square	31 O'Brien Way	Dedham	1	NStar	1080	1080	0	7.74	N/A	Gas	Gas
1027	Aug	Federal	East Dedham Square	41 O'Brien Way	Dedham	1	NStar	888	888	0	3.95	N/A	Gas	Gas
1028	Aug	Federal	East Dedham Square	43 O'Brien Way	Dedham	1	NStar	888	888	0	7.05	N/A	Gas	Gas
1029	Aug	Federal	East Dedham Square	45 O'Brien Way	Dedham	1	NStar	888	888	0	3.31	N/A	Gas	Gas
1030	Aug	Federal	East Dedham Square	47 O'Brien Way	Dedham	1	NStar	888	888	0	4.69	N/A	Gas	Gas
1031	Aug	Federal	East Dedham Square	57 O'Brien Way	Dedham	1	NStar	1080	1080	0	10.11	N/A	Gas	Gas
1032	Aug	Federal	East Dedham Square	59 O'Brien Way	Dedham	1	NStar	1080	1080	0	7.59	N/A	Gas	Gas
1033	Aug	Federal	East Dedham Square	5A-D High Street	Dedham	4	NStar	3552	3552	554	6.44	N/A	Gas	Gas
1034	Aug	Federal	East Dedham Square	61 O'Brien Way	Dedham	1	NStar	1080	1080	0	9.01	N/A	Gas	Gas
1035	Aug	Federal	East Dedham Square	63 O'Brien Way	Dedham	1	NStar	1080	1080	0	7.41	N/A	Gas	Gas
1036	Aug	Federal	East Dedham Square	65 O'Brien Way	Dedham	1	NStar	1080	1080	0	8.82	N/A	Gas	Gas
1037	Aug	Federal	East Dedham Square	67 O'Brien Way	Dedham	1	NStar	1080	1080	0	7.40	N/A	Gas	Gas
1038	Aug	Federal	East Dedham Square	7 High Street	Dedham	1	NStar	1080	1080	0	13.65	N/A	Gas	Gas
1039	Aug	Federal	East Dedham Square	9 High Street	Dedham	1	NStar	1080	1080	0	7.48	N/A	Gas	Gas
1040	Aug	5775	Egmont Street Veterans	209 - 221 Pleasant St	Brookline	24	NStar	24108	18081	9644	4.11	N/A	Gas	Gas
1041	Aug	609	Egmont Street Veterans	338-348 St. Paul St - C	Brookline	18	NStar	21632	16224	8653	4.56	N/A	Gas	Gas
1042	Aug	5783	Egmont Street Veterans	51 - 55 Egmont St - B4	Brookline	18	NStar	20968	15726	8388	5.06	N/A	Gas	Gas
1043	Aug	5778	Egmont Street Veterans	61 - 65 Egmont St - B3	Brookline	18	NStar	20968	15726	8388	5.56	N/A	Gas	Gas
1044	Aug	5777	Egmont Street Veterans	71 - 75 Egmont St - B2	Brookline	18	NStar	21168	15876	8468	4.91	N/A	Gas	Gas
1045	Aug	5776	Egmont Street Veterans	81 - 85 Egmont St	Brookline	18	NStar	20968	15726	8388	5.48	N/A	Gas	Gas
1046	Aug	5517	Fairfield Boston Apartments	17 Wildwood St.	Dorchester	3	NStar	4284	3084	1287	N/A	1.79	Gas	Gas
1047	Aug	10885	Fresh Pond	362 Rindge Ave	Cambridge	252	NStar	249723	249723	41424	6.70	N/A	Gas	Gas
1048	Aug	10886	Fresh Pond	364 Rindge Ave	Cambridge	252	NStar	249723	249723	41424	7.20	N/A	Gas	Gas
1049	Aug	608	High Street Veterans	176 - 190 High St - A1	Brookline	28	NStar	27188	20391	10875	4.91	N/A	Gas	Gas
1050	Aug	5769	High Street Veterans	186 - 204 Chestnut Street - A2	Brookline	30	NStar	34628	25971	13851	5.61	N/A	Gas	Gas
1051	Aug	5770	High Street Veterans	210 - 212 High St - B1	Brookline	12	NStar	15096	11322	6038	5.13	N/A	Gas	Gas
1052	Aug	5773	High Street Veterans	210 - 218 Chestnut Street - E	Brookline	30	NStar	36088	27066	14435	5.31	N/A	Gas	Gas
1053	Aug	5772	High Street Veterans	220 - 214 High Street - D	Brookline	24	NStar	19926	19926	6178	11.44	N/A	Gas	Gas
1054	Aug	5771	High Street Veterans	222- 226 High Street - B2	Brookline	12	NStar	15096	11322	8680	8.84	N/A	Gas	Gas
1055	Aug	5774	High Street Veterans	6 - 30 New Terrace Rd - C	Brookline	45	NStar	50044	37533	20018	5.60	N/A	Gas	Gas
1056	Aug	903	Janus Highland LP	181 Highland St	Chelsea	20	NStar	20844	20844	3556	1.97	N/A	Gas	Gas
1057	Aug	826	Jenkins	11 Jenkins	South Boston	3	NStar	3360	2016	840	3.19	N/A	Gas	Gas
1058	Aug	10791A	Little Neck Village	Cottage Building 301	Marion	1	NStar	607	607	0	5.94	N/A	Gas	Gas
1059	Aug	10791B	Little Neck Village	Cottage Building 302	Marion	1	NStar	607	607	0	5.94	N/A	Gas	Gas
1060	Aug	10791C	Little Neck Village	Cottage Building 303	Marion	1	NStar	607	607	0	5.94	N/A	Gas	Gas
1061	Aug	10791D	Little Neck Village	Cottage Building 304	Marion	1	NStar	607	607	0	5.94	N/A	Gas	Gas
1062	Aug	10791E	Little Neck Village	Cottage Building 305	Marion	1	NStar	607	607	0	5.94	N/A	Gas	Gas
1063	Aug	10791F	Little Neck Village	Cottage Building 306	Marion	1	NStar	607	607	0	5.94	N/A	Gas	Gas
1064	Aug	10792A	Little Neck Village	Cottage Building 401	Marion	1	NStar	607	607	0	6.92	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ heating ft2	Heating Fuel	Hot Water Fuel#2
1065	Aug	10792B	Little Neck Village	Cottage Building 402	Marion	1	NStar	607	607	0	6.92	N/A	Gas	Gas
1066	Aug	10792C	Little Neck Village	Cottage Building 403	Marion	1	NStar	607	607	0	6.92	N/A	Gas	Gas
1067	Aug	10792D	Little Neck Village	Cottage Building 404	Marion	1	NStar	607	607	0	6.92	N/A	Gas	Gas
1068	Aug	10792E	Little Neck Village	Cottage Building 405	Marion	1	NStar	607	607	0	6.92	N/A	Gas	Gas
1069	Aug	10792F	Little Neck Village	Cottage Building 406	Marion	1	NStar	607	607	0	6.92	N/A	Gas	Gas
1070	Aug	10793A	Little Neck Village	Cottage Building 501	Marion	1	NStar	607	607	0	7.58	N/A	Gas	Gas
1071	Aug	10793B	Little Neck Village	Cottage Building 502	Marion	1	NStar	607	607	0	7.58	N/A	Gas	Gas
1072	Aug	10793C	Little Neck Village	Cottage Building 503	Marion	1	NStar	607	607	0	7.58	N/A	Gas	Gas
1073	Aug	10793D	Little Neck Village	Cottage Building 504	Marion	1	NStar	607	607	0	7.58	N/A	Gas	Gas
1074	Aug	10793E	Little Neck Village	Cottage Building 505	Marion	1	NStar	607	607	0	7.58	N/A	Gas	Gas
1075	Aug	10793F	Little Neck Village	Cottage Building 506	Marion	1	NStar	607	607	0	7.58	N/A	Gas	Gas
1076	Aug	10790	Little Neck Village	Main Building	Marion	30	NStar	18564	18564	0	8.45	N/A	Gas	Gas
1077	Aug	2504	Mashpee Village	1 Wampanoag Drive, Bldg. L	Mashpee	8	NStar	6600	6600	1132	N/A	10.00	Gas	Gas
1078	Aug	1371	Mt Pleasant	70 Perkins Street	Somerville	65	NStar	49129	49129	9199	N/A	19.24	Gas	Gas
1079	Aug	11029	Mystic View Apts	Bldg 1	Somerville	36	NStar	40000	30000	11300	2.08	N/A	Gas	Gas
1080	Aug	11031	Mystic View Apts	Bldg 3	Somerville	36	NStar	40000	30000	11300	1.55	N/A	Gas	Gas
1081	Aug	11036	Mystic View Apts	Bldg 4	Somerville	36	NStar	40000	30000	11300	1.93	N/A	Gas	Gas
1082	Aug	11038	Mystic View Apts	Bldg 5	Somerville	35	NStar	40000	30000	12100	2.07	N/A	Gas	Gas
1083	Aug	11039	Mystic View Apts	Bldg 6	Somerville	36	NStar	40000	30000	11300	2.12	N/A	Gas	Gas
1084	Aug	11040	Mystic View Apts	Bldg 7	Somerville	1	NStar	5050	5050	5000	3.00	N/A	Gas	Gas
1085	Aug	5766	NELSON AVENUE	27 Nelson Avenue	Provincetown	2	NStar	1920	1920	960	5.99	N/A	Electric	Electric
1086	Aug	6790	Parker Chase	1,2,3 PARKER CHASE RD	Stoneham	8	NStar	11679	7786	5679	N/A	1.56	Gas	Gas
1087	Aug	6794	Parker Chase	12,13,14,15 PARKER CHASE RD	Stoneham	16	NStar	15369	10246	7369	N/A	1.87	Gas	Gas
1088	Aug	6789	Parker Chase	16,17 PARKER CHASE ROAD	Stoneham	8	NStar	7683	5122	3683	N/A	1.87	Gas	Gas
1089	Aug	6795	Parker Chase	18,19,20,21 PARKER CHASE ROAD	Stoneham	16	NStar	15369	10246	7369	N/A	1.82	Gas	Gas
1090	Aug	6793	Parker Chase	4,5,6,7 PARKER CHASE RD	Stoneham	16	NStar	15369	10246	7369	N/A	3.57	Gas	Gas
1091	Aug	6791	Parker Chase	8,9,10 PARKER CHASE RD	Stoneham	12	NStar	11679	7786	5679	N/A	1.36	Gas	Gas
1092	Aug	Federal	Seabeds Way	22 SEABEDS WAY	Needham	12	NSTAR	8856	8856	1000	5.50	N/A	Gas	Gas
1093	Aug	Federal	Seabeds Way	26 SEABEDS WAY	Needham	12	NSTAR	8878	8878	1000	4.51	N/A	Gas	Gas
1094	Aug	Federal	Seabeds Way	40 SEABEDS WAY	Needham	10	NSTAR	7874	7874	1000	4.36	N/A	Gas	Gas
1095	Aug	Federal	Seabeds Way	46 SEABEDS WAY	Needham	12	NSTAR	8960	8960	1000	5.81	N/A	Gas	Gas
1096	Aug	6733	Shawmut Avenue	740 Shawmut Ave	New Bedford	9	NStar	8880	8880	80	3.93	N/A	Gas	Gas
1097	Aug	6642	Shillman House	49 Edmands Rd	Framingham	150	NStar	151020	151020	52609	3.26	N/A	Electric	Gas
1098	Aug	2647	Sol-E-Mar	Community Building	Dartmouth	1	NStar	1500	1500	1500	4.80	N/A	Gas	Gas
1099	Aug	2638A	Sol-E-Mar	Sol-E-Mar Lane 1A	Dartmouth	1	NStar	672	672	0	4.8	N/A	Gas	Gas
1100	Aug	2638B	Sol-E-Mar	Sol-E-Mar Lane 1B	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1101	Aug	2638C	Sol-E-Mar	Sol-E-Mar Lane 1C	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1102	Aug	2638D	Sol-E-Mar	Sol-E-Mar Lane 1D	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1103	Aug	2639A	Sol-E-Mar	Sol-E-Mar Lane 2A	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1104	Aug	2639B	Sol-E-Mar	Sol-E-Mar Lane 2B	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1105	Aug	2639C	Sol-E-Mar	Sol-E-Mar Lane 2C	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1106	Aug	2639D	Sol-E-Mar	Sol-E-Mar Lane 2D	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1107	Aug	2640A	Sol-E-Mar	Sol-E-Mar Lane 3A	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1108	Aug	2640B	Sol-E-Mar	Sol-E-Mar Lane 3B	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1109	Aug	2640C	Sol-E-Mar	Sol-E-Mar Lane 3C	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1110	Aug	2640D	Sol-E-Mar	Sol-E-Mar Lane 3D	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1111	Aug	2641A	Sol-E-Mar	Sol-E-Mar Lane 4A	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1112	Aug	2641B	Sol-E-Mar	Sol-E-Mar Lane 4B	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1113	Aug	2641C	Sol-E-Mar	Sol-E-Mar Lane 4C	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1114	Aug	2641D	Sol-E-Mar	Sol-E-Mar Lane 4D	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1115	Aug	2641E	Sol-E-Mar	Sol-E-Mar Lane 4E	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1116	Aug	2641F	Sol-E-Mar	Sol-E-Mar Lane 4F	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1117	Aug	2642A	Sol-E-Mar	Sol-E-Mar Lane 5A	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1118	Aug	2642B	Sol-E-Mar	Sol-E-Mar Lane 5B	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1119	Aug	2642C	Sol-E-Mar	Sol-E-Mar Lane 5C	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1120	Aug	2642D	Sol-E-Mar	Sol-E-Mar Lane 5D	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ unit	Heating Fuel	Hot Water Fuel
1121	Aug	2642E	Sol-E-Mar	Sol-E-Mar Lane 5E	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1122	Aug	2642F	Sol-E-Mar	Sol-E-Mar Lane 5F	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1123	Aug	2643A	Sol-E-Mar	Sol-E-Mar Lane 6A	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1124	Aug	2643B	Sol-E-Mar	Sol-E-Mar Lane 6B	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1125	Aug	2643C	Sol-E-Mar	Sol-E-Mar Lane 6C	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1126	Aug	2643D	Sol-E-Mar	Sol-E-Mar Lane 6D	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1127	Aug	2643E	Sol-E-Mar	Sol-E-Mar Lane 6E	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1128	Aug	2643F	Sol-E-Mar	Sol-E-Mar Lane 6F	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1129	Aug	2644A	Sol-E-Mar	Sol-E-Mar Lane 7A	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1130	Aug	2644B	Sol-E-Mar	Sol-E-Mar Lane 7B	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1131	Aug	2644C	Sol-E-Mar	Sol-E-Mar Lane 7C	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1132	Aug	2644D	Sol-E-Mar	Sol-E-Mar Lane 7D	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1133	Aug	2645A	Sol-E-Mar	Sol-E-Mar Lane 8A	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1134	Aug	2645B	Sol-E-Mar	Sol-E-Mar Lane 8B	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1135	Aug	2645C	Sol-E-Mar	Sol-E-Mar Lane 8C	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1136	Aug	2645D	Sol-E-Mar	Sol-E-Mar Lane 8D	Dartmouth	1	NStar	672	672	0	4.80	N/A	Gas	Gas
1137	Aug	2646A	Sol-E-Mar	Sol-E-Mar Lane 9A	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1138	Aug	2646B	Sol-E-Mar	Sol-E-Mar Lane 9B	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1139	Aug	2646C	Sol-E-Mar	Sol-E-Mar Lane 9C	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1140	Aug	2646D	Sol-E-Mar	Sol-E-Mar Lane 9D	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1141	Aug	2646E	Sol-E-Mar	Sol-E-Mar Lane 9E	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1142	Aug	2646F	Sol-E-Mar	Sol-E-Mar Lane 9F	Dartmouth	1	NStar	500	500	0	4.80	N/A	Gas	Gas
1143	Aug	8670	Southend	19 St Cyprians Pl	Boston	8	NStar	12222	9778	4392	N/A	1.28	Gas	Gas
1144	Aug	8671	Southend	23 St Cyprians Pl	Boston	10	NStar	15654	13045	5684	N/A	5.68	Gas	Gas
1145	Aug	8672	Southend	42 Cunard	Boston	10	NStar	15654	13045	5884	N/A	2.54	Gas	Gas
1146	Aug	6344	St. Helena's House	89 Union Park Street	Boston	85	NStar	71524	71524	20127	N/A	12.14	Gas	Gas
1147	Aug	10499	Tent City	130 Dartmouth St	Boston	181	NStar	192550	192550	38083	N/A	18.31	Gas	Gas
1148	Aug	10762	The Cedars Assisted Living	628 Old Westport Rd	Dartmouth	78	NStar	63138	63138	20550	9.47	N/A	Gas	Gas
1149	Aug	6735	Townsend St	24 Townsend St	New Bedford	4	NStar	2970	2970	0	2.96	N/A	Gas	Gas
1150	Aug	11014	Trustman Apts	144 - 156 Amory St	Brookline	32	NStar	37460	28095	14984	5.26	N/A	Gas	Gas
1151	Aug	11016	Trustman Apts	337 - 347 St Paul St	Brookline	17	NStar	35668	26751	14268	5.27	N/A	Gas	Gas
1152	Aug	11015	Trustman Apts	7 - 33 Egmont St	Brookline	34	NStar	62800	62800	28120	6.26	N/A	Gas	Gas
1153	Aug	8704	Viviendas	1-13 San Juan St	Boston	14	NStar	13456	13456	0	7.68	N/A	Gas	Gas
1154	Aug	8686	Viviendas	1-5 Aguadilla St	Boston	6	NStar	5795	5795	0	6.38	N/A	Gas	Gas
1155	Aug	8702	Viviendas	100 West Dedham St	Boston	73	NStar	63968	63968	22507	7.48	N/A	Gas	Gas
1156	Aug	8708	Viviendas	12-30 San Juan St	Boston	20	NStar	20923	20923	0	6.93	N/A	Gas	Gas
1157	Aug	8703	Viviendas	15-19 San Juan St	Boston	6	NStar	5658	5658	0	7.0666	N/A	Gas	Gas
1158	Aug	8685	Viviendas	369-391 Shawmut Ave	Boston	4	NStar	3772	3772	0	7.3236	N/A	Gas	Gas
1159	Aug	8689	Viviendas	4-10 San Juan St	Boston	8	NStar	7778	7778	0	6.1412	N/A	Gas	Gas
1160	Aug	8688	Viviendas	4-22 Aguadilla St	Boston	20	NStar	20923	20923	0	8.7325	N/A	Gas	Gas
1161	Aug	8705	Viviendas	50-58 West Dedham St	Boston	10	NStar	9664	9664	0	8.5148	N/A	Gas	Gas
1162	Aug	8687	Viviendas	7-9 Aguadilla St	Boston	6	NStar	5795	5795	0	6.6223	N/A	Gas	Gas
1163	Sep	11380	John L Doherty Apts	1-3 Westley Street	Winchester	12	NStar	9520	7140	2380	N/A	9.79	Electric	Electric
1164	Sep	11383	John L Doherty Apts	15-19 Westley Street	Winchester	12	NStar	9520	7140	2380	N/A	9.79	Electric	Electric
1165	Sep	11385	John L Doherty Apts	21-25 Westley Street	Winchester	6	NStar	10200	6800	3400	N/A	9.79	Electric	Electric
1166	Sep	11386	John L Doherty Apts	27-31 Westley Street	Winchester	6	NStar	10200	6800	3400	N/A	9.79	Electric	Electric
1167	Sep	11381	John L Doherty Apts	5-7 Westley Street	Winchester	12	NStar	9520	7140	2380	N/A	9.79	Electric	Electric
1168	Sep	11382	John L Doherty Apts	9-11 Westley Street	Winchester	12	NStar	9520	7140	2380	N/A	9.79	Electric	Electric
1169	Sep	11384	John L Doherty Apts	Community Room	Winchester	1	NStar	1250	625	1200	N/A	9.79	Electric	Electric
1170	Sep	10909	55 Lawrence	55 Lawrence	Boston	8	NStar	7200	7200	1500	N/A	3.16	Gas	Gas
1171	Sep	11128	Arborway Residence	380 Arborway	Boston	4	NStar	1500	1500	940	16.69	N/A	Oil	Electric
1172	Sep	5422	Atkins Apartment/Kasanof	225 Blue Hill Ave	Roxbury	37	NStar	72608	72608	22887	N/A	12.97	Electric	Gas
1173	Sep	6650	Ben Rose II	27-29 DELANO St	New Bedford	2	NStar	4068	2712	1356	1.36	N/A	Gas	Gas
1174	Sep	11094	Bennett Street Residence	80-82 Bennett St	Boston	10	NStar	4425	3425	3325	3.56	N/A	Gas	Gas
1175	Sep	11299	Blue Elm Apartments	102 Elm Hill Ave	Boston	6	NStar	11975	9314	4197	N/A	2.09	Gas	Gas
1176	Sep	11300	Blue Elm Apartments	104 Elm Hill Ave	Boston	6	NStar	12027	9354	4215	N/A	4.65	Gas	Gas

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1177	Sep	11301	Blue Elm Apartments	108 Elm Hill Ave	Boston	3	NStar	7000	5444	2453	N/A	2.54	Gas	Gas
1178	Sep	11302	Blue Elm Apartments	114 Elm Hill Ave	Boston	6	NStar	6628	5155	2323	N/A	3.52	Gas	Gas
1179	Sep	11303	Blue Elm Apartments	116 Elm Hill Ave	Boston	6	NStar	11488	8935	4026	N/A	2.48	Gas	Gas
1180	Sep	11304	Blue Elm Apartments	118 Elm Hill Ave	Boston	6	NStar	11216	8724	3931	N/A	2.93	Gas	Gas
1181	Sep	11305	Blue Elm Apartments	164 Seaver St	Boston	14	NStar	16721	13005	5860	N/A	1.97	Gas	Gas
1182	Sep	11306	Blue Elm Apartments	166 Seaver St	Boston	14	NStar	17192	13371	6025	N/A	5.96	Gas	Gas
1183	Sep	11307	Blue Elm Apartments	168 Seaver St	Boston	13	NStar	14934	11615	5234	N/A	5.65	Gas	Gas
1184	Sep	11308	Blue Elm Apartments	172 Seaver St	Boston	14	NStar	15967	12419	5596	N/A	1.77	Gas	Gas
1185	Sep	11309	Blue Elm Apartments	176 Seaver St	Boston	14	NStar	16871	13122	5913	N/A	1.79	Gas	Gas
1186	Sep	11268	Blue Elm Apartments	3 Nazing St	Boston	8	NStar	13898	10810	4871	N/A	1.13	Gas	Gas
1187	Sep	11281	Blue Elm Apartments	300 Seaver St	Boston	6	NStar	10972	8534	3845	N/A	1.59	Gas	Gas
1188	Sep	11283	Blue Elm Apartments	304 Seaver St	Boston	6	NStar	10080	7840	3533	N/A	5.51	Gas	Gas
1189	Sep	11284	Blue Elm Apartments	504 Blue Hill Ave	Boston	14	NStar	16826	13087	5897	N/A	3.12	Gas	Gas
1190	Sep	11288	Blue Elm Apartments	516 Blue Hill Ave	Boston	14	NStar	15991	12437	5604	N/A	2.78	Gas	Gas
1191	Sep	11289	Blue Elm Apartments	522 Blue Hill Ave	Boston	14	NStar	16105	12526	5644	N/A	1.56	Gas	Gas
1192	Sep	11290	Blue Elm Apartments	528 Blue Hill Ave	Boston	14	NStar	16121	12539	5650	N/A	3.83	Gas	Gas
1193	Sep	11291	Blue Elm Apartments	534 Blue Hill Ave	Boston	14	NStar	15582	12119	5461	N/A	2.57	Gas	Gas
1194	Sep	11292	Blue Elm Apartments	545 Blue Hill Ave	Boston	6	NStar	10621	8261	3722	N/A	1.69	Gas	Gas
1195	Sep	11293	Blue Elm Apartments	547 Blue Hill Ave	Boston	6	NStar	11981	9319	4199	N/A	3.90	Gas	Gas
1196	Sep	11294	Blue Elm Apartments	549 Blue Hill Ave	Boston	6	NStar	12163	9460	4263	N/A	1.79	Gas	Gas
1197	Sep	11297	Blue Elm Apartments	55 Brookledge St	Boston	14	NStar	16698	12987	5852	N/A	4.05	Gas	Gas
1198	Sep	11295	Blue Elm Apartments	575 Blue Hill Ave	Boston	10	NStar	16010	12452	5611	N/A	1.44	Gas	Gas
1199	Sep	11272	Blue Elm Apartments	6 Wayne St	Boston	6	NStar	12672	9856	4441	N/A	1.35	Gas	Gas
1200	Sep	11166	Bourne CBFS	894 Old Post Rd	Cotuit	5	NStar	2632	2632	1932	5.59	N/A	Gas	Gas
1201	Sep	11165	Brookline CBFS	496 Washington St	Brookline	9	NStar	3565	2765	2395	9.74	N/A	Oil	Gas
1202	Sep	11413A	Camfield Estates	100 Camden St	Boston	3	NStar	2520	1680	840	3.51	N/A	Gas	Gas
1203	Sep	11413B	Camfield Estates	102 Camden St	Boston	3	NStar	2790	1860	930	5.13	N/A	Gas	Gas
1204	Sep	11413C	Camfield Estates	104A Camden St	Boston	1	NStar	1163	775	388	5.94	N/A	Gas	Gas
1205	Sep	11413D	Camfield Estates	104B Camden St	Boston	1	NStar	1163	775	388	6.81	N/A	Gas	Gas
1206	Sep	11413E	Camfield Estates	106A Camden St	Boston	1	NStar	1355	903	452	8.74	N/A	Gas	Gas
1207	Sep	11413F	Camfield Estates	106B Camden St	Boston	1	NStar	1163	775	388	6.69	N/A	Gas	Gas
1208	Sep	11416A	Camfield Estates	108 Camden St	Boston	3	NStar	2790	1860	930	4.14	N/A	Gas	Gas
1209	Sep	11416B	Camfield Estates	110A Camden St	Boston	1	NStar	1163	775	388	7.64	N/A	Gas	Gas
1210	Sep	11416C	Camfield Estates	110B Camden St	Boston	1	NStar	1020	680	340	4.31	N/A	Gas	Gas
1211	Sep	11416D	Camfield Estates	112 Camden St	Boston	3	NStar	3125	2083	1042	5.65	N/A	Gas	Gas
1212	Sep	11417A	Camfield Estates	114A Camden St	Boston	1	NStar	1163	775	388	5.94	N/A	Gas	Gas
1213	Sep	11417B	Camfield Estates	114B Camden St	Boston	1	NStar	1163	775	388	6.77	N/A	Gas	Gas
1214	Sep	11417C	Camfield Estates	116A Camden St	Boston	1	NStar	1020	680	340	5.49	N/A	Gas	Gas
1215	Sep	11417D	Camfield Estates	116B Camden St	Boston	1	NStar	1355	903	452	7.02	N/A	Gas	Gas
1216	Sep	11417E	Camfield Estates	118 Camden St	Boston	3	NStar	2790	1860	930	3.90	N/A	Gas	Gas
1217	Sep	11417F	Camfield Estates	120 Camden St	Boston	3	NStar	2520	1680	840	3.81	N/A	Gas	Gas
1218	Sep	11403A	Camfield Estates	59A Lenox St	Boston	1	NStar	1163	775	388	6.27	N/A	Gas	Gas
1219	Sep	11403B	Camfield Estates	59B Lenox St	Boston	1	NStar	1355	903	452	9.53	N/A	Gas	Gas
1220	Sep	11403C	Camfield Estates	61A Lenox St	Boston	1	NStar	1163	775	388	5.81	N/A	Gas	Gas
1221	Sep	11403D	Camfield Estates	61B Lenox St	Boston	1	NStar	1355	903	452	7.61	N/A	Gas	Gas
1222	Sep	11403E	Camfield Estates	63A Lenox St	Boston	1	NStar	1355	903	452	8.10	N/A	Gas	Gas
1223	Sep	11403F	Camfield Estates	63B Lenox St	Boston	1	NStar	1163	775	388	7.01	N/A	Gas	Gas
1224	Sep	11403G	Camfield Estates	65A Lenox St	Boston	1	NStar	1163	775	388	7.36	N/A	Gas	Gas
1225	Sep	11403H	Camfield Estates	65B Lenox St	Boston	1	NStar	1355	903	452	11.30	N/A	Gas	Gas
1226	Sep	11403I	Camfield Estates	67A Lenox St	Boston	1	NStar	1163	775	388	6.91	N/A	Gas	Gas
1227	Sep	11403J	Camfield Estates	67B Lenox St	Boston	1	NStar	1355	903	452	7.51	N/A	Gas	Gas
1228	Sep	11403K	Camfield Estates	69A Lenox St	Boston	1	NStar	1020	680	340	4.68	N/A	Gas	Gas
1229	Sep	11403L	Camfield Estates	69B Lenox St	Boston	1	NStar	1355	903	452	8.34	N/A	Gas	Gas
1230	Sep	11403M	Camfield Estates	71 Lenox St	Boston	3	NStar	3267	2178	1089	9.67	N/A	Gas	Gas
1231	Sep	11403N	Camfield Estates	73 Lenox St	Boston	3	NStar	3395	2263	1132	6.76	N/A	Gas	Gas
1232	Sep	11407A	Camfield Estates	74 Camden St	Boston	3	NStar	2250	1500	750	3.07	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel
1233	Sep	11404A	Camfield Estates	75A Lenox St	Boston	1	NStar	1355	903	452	9.13	N/A	Gas	Gas
1234	Sep	11404B	Camfield Estates	75B Lenox St	Boston	1	NStar	1020	680	340	5.43	N/A	Gas	Gas
1235	Sep	11407B	Camfield Estates	76 Camden St	Boston	3	NStar	3125	2083	1042	5.28	N/A	Gas	Gas
1236	Sep	11404C	Camfield Estates	77A Lenox St	Boston	1	NStar	1355	903	452	8.30	N/A	Gas	Gas
1237	Sep	11404D	Camfield Estates	77B Lenox St	Boston	1	NStar	1163	775	388	5.70	N/A	Gas	Gas
1238	Sep	11407C	Camfield Estates	78A Camden St	Boston	1	NStar	1355	903	452	9.16	N/A	Gas	Gas
1239	Sep	11407D	Camfield Estates	78B Camden St	Boston	1	NStar	1355	903	452	7.26	N/A	Gas	Gas
1240	Sep	11404E	Camfield Estates	79A Lenox St	Boston	1	NStar	1020	680	340	6.07	N/A	Gas	Gas
1241	Sep	11404F	Camfield Estates	79B Lenox St	Boston	1	NStar	1020	680	340	3.74	N/A	Gas	Gas
1242	Sep	11407E	Camfield Estates	80A Camden St	Boston	1	NStar	1355	903	452	7.61	N/A	Gas	Gas
1243	Sep	11407F	Camfield Estates	80B Camden St	Boston	1	NStar	1163	775	388	7.02	N/A	Gas	Gas
1244	Sep	11404G	Camfield Estates	81 Lenox St	Boston	3	NStar	2933	1955	978	5.78	N/A	Gas	Gas
1245	Sep	11408A	Camfield Estates	82A Camden St	Boston	1	NStar	1020	680	340	4.67	N/A	Gas	Gas
1246	Sep	11408B	Camfield Estates	82B Camden St	Boston	1	NStar	1020	680	340	3.96	N/A	Gas	Gas
1247	Sep	11408C	Camfield Estates	82C Camden St	Boston	1	NStar	1020	680	340	4.65	N/A	Gas	Gas
1248	Sep	11404H	Camfield Estates	83 Lenox St	Boston	3	NStar	2933	1955	978	5.65	N/A	Gas	Gas
1249	Sep	11408D	Camfield Estates	84A Camden St	Boston	1	NStar	1355	903	452	8.45	N/A	Gas	Gas
1250	Sep	11408E	Camfield Estates	84B Camden St	Boston	1	NStar	750	500	250	4.01	N/A	Gas	Gas
1251	Sep	11408F	Camfield Estates	84C Camden St	Boston	1	NStar	1020	680	340	5.53	N/A	Gas	Gas
1252	Sep	11410A	Camfield Estates	86A Camden St	Boston	1	NStar	1355	903	452	6.77	N/A	Gas	Gas
1253	Sep	11410B	Camfield Estates	86B Camden St	Boston	1	NStar	1163	775	388	5.65	N/A	Gas	Gas
1254	Sep	11406A	Camfield Estates	87 Lenox St	Boston	3	NStar	2520	1680	840	4.00	N/A	Gas	Gas
1255	Sep	11410C	Camfield Estates	88A Camden St	Boston	1	NStar	1163	775	388	6.35	N/A	Gas	Gas
1256	Sep	11410D	Camfield Estates	88B Camden St	Boston	1	NStar	1020	680	340	6.23	N/A	Gas	Gas
1257	Sep	11406B	Camfield Estates	89 Lenox St	Boston	3	NStar	3345	2230	1115	5.70	N/A	Gas	Gas
1258	Sep	11410E	Camfield Estates	90 Camden St	Boston	3	NStar	2790	1860	930	5.29	N/A	Gas	Gas
1259	Sep	11406C	Camfield Estates	91A Lenox St	Boston	1	NStar	1020	680	340	5.89	N/A	Gas	Gas
1260	Sep	11406D	Camfield Estates	91B Lenox St	Boston	1	NStar	1355	903	452	7.85	N/A	Gas	Gas
1261	Sep	11410F	Camfield Estates	92 Camden St	Boston	3	NStar	2520	1680	840	3.92	N/A	Gas	Gas
1262	Sep	11406E	Camfield Estates	93A Lenox St	Boston	1	NStar	1020	680	340	6.43	N/A	Gas	Gas
1263	Sep	11406F	Camfield Estates	93B Lenox St	Boston	1	NStar	1163	775	388	7.84	N/A	Gas	Gas
1264	Sep	11412A	Camfield Estates	94A Camden St	Boston	1	NStar	1355	903	452	6.97	N/A	Gas	Gas
1265	Sep	11412B	Camfield Estates	94B Camden St	Boston	1	NStar	1020	680	340	4.11	N/A	Gas	Gas
1266	Sep	11406G	Camfield Estates	95A Lenox St	Boston	1	NStar	1355	903	452	8.50	N/A	Gas	Gas
1267	Sep	11406H	Camfield Estates	95B Lenox St	Boston	1	NStar	1355	903	452	12.51	N/A	Gas	Gas
1268	Sep	11412C	Camfield Estates	96A Camden St	Boston	1	NStar	1163	775	388	7.25	N/A	Gas	Gas
1269	Sep	11412D	Camfield Estates	96B Camden St	Boston	1	NStar	1355	903	452	7.32	N/A	Gas	Gas
1270	Sep	11412E	Camfield Estates	98A Camden St	Boston	1	NStar	1163	775	388	6.28	N/A	Gas	Gas
1271	Sep	11412F	Camfield Estates	98B Camden St	Boston	1	NStar	1163	775	388	7.22	N/A	Gas	Gas
1272	Sep	8683	Casas	75 West Brookline	Boston	2	NStar	3713	2970	863	N/A	2.75	Gas	Gas
1273	Sep	8684	Casas	79 West Brookline	Boston	2	NStar	2970	2970	120	N/A	10.24	Gas	Gas
1274	Sep	3620	Catherine Gallagher	191/193 Heath Street	Jamaica Plain	2	NStar	3127	3127	501	N/A	2.64	Gas	Gas
1275	Sep	3746	Catherine Gallagher	199/201 Heath Street	Jamaica Plain	2	NStar	3675	3675	551	N/A	4.75	Gas	Gas
1276	Sep	3748	Catherine Gallagher	219/221 Heath Street	Jamaica Plain	2	NStar	3127	3127	501	N/A	1.46	Gas	Gas
1277	Sep	11148	Central Street Residence CBFS	155 Central St	Somerville	8	NStar	5148	4348	3948	5.13	N/A	Gas	Gas
1278	Sep	5623A	CGM Limited Partnership	15 Third St	Chelsea	3	NStar	3536	2689	848	N/A	4.04	Gas	Gas
1279	Sep	5623B	CGM Limited Partnership	15 Third St	Chelsea	3	NStar	3536	2689	848	N/A	4.04	Gas	Gas
1280	Sep	5632	CGM Limited Partnership	155 Chestnut St.	Chelsea	6	NStar	7194	5332	1862	N/A	1.37	Gas	Gas
1281	Sep	5626	CGM Limited Partnership	17 Third St.	Chelsea	3	NStar	3536	2193	1343	N/A	1.59	Gas	Gas
1282	Sep	5630	CGM Limited Partnership	19 Third St.	Chelsea	3	NStar	3536	2211	1325	N/A	1.85	Gas	Gas
1283	Sep	5526	CGM Limited Partnership	201 Chestnut St	Chelsea	3	NStar	5796	2400	3396	N/A	2.55	Gas	Gas
1284	Sep	5631	CGM Limited Partnership	21 Third St	Chelsea	3	NStar	3536	2211	1325	N/A	1.74	Gas	Gas
1285	Sep	5522	CGM Limited Partnership	31 Marlboro St.	Chelsea	3	NStar	3276	2736	540	N/A	14.09	Gas	Gas
1286	Sep	5524	CGM Limited Partnership	45 Fourth St	Chelsea	7	NStar	6900	5996	904	N/A	2.55	Gas	Gas
1287	Sep	890	Chelsea Homes LP	12 6th St	Chelsea	7	NStar	9387	6487	3991	N/A	1.13	Gas	Gas
1288	Sep	4551	Chesterbrook Gardens	1-7 Brookway Court	Waltham	4	NStar	5529	3686	1843	N/A	1.76	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ unit	Heating Fuel	Hot Water Fuel
1289	Sep	10673	Columbia West	392 Columbia Rd	Boston	52	NStar	41632	41632	10244	3.24	13.16	Gas	Gas
1290	Sep	11429	Commerce Apartments	3 Maywood St	Boston	3	NStar	4000	3000	1600	N/A	4.76	Gas	Gas
1291	Sep	11432	Commerce Apartments	3115-3125 Washington St	Boston	12	NStar	26000	20800	13520	N/A	1.21	Gas	Gas
1292	Sep	11430	Commerce Apartments	374-378 Warren St	Boston	9	NStar	17100	13680	8900	N/A	3.94	Gas	Gas
1293	Sep	11431	Commerce Apartments	48 Elm Hill Ave	Boston	8	NStar	12800	9400	4640	N/A	1.37	Gas	Gas
1294	Sep	11433	Commerce Apartments	85 Dale St	Boston	18	NStar	16000	12800	5760	N/A	3.78	Gas	Gas
1295	Sep	11160	Connelly House CBFS	1057 Beacon St	Brookline	13	NStar	5634	5634	3684	22.04	N/A	Electric	Electric
1296	Sep	11141	Dudley INN DMH	57 Dudley St	Boston	9	NStar	3000	3000	1830	7.90	N/A	Gas	Gas
1297	Sep	5516	Fairfield Boston Apartments	15 Wildwood St.	Dorchester	3	NStar	4284	3084	1287	N/A	1.69	Gas	Gas
1298	Sep	5514	Fairfield Boston Apartments	40 Winthrop St.	Roxbury	6	NStar	6552	4002	2551	N/A	1.85	Gas	Gas
1299	Sep	11354	Fairhaven Village	67 Howland Rd	Fairhaven	1	NStar	1400	933	0	1.63	N/A	Gas	Gas
1300	Sep	11356	Fairhaven Village	Building ABC	Fairhaven	61	NStar	67405	65335	15555	N/A	7.90	Gas	Gas
1301	Sep	11355	Fairhaven Village	Building D	Fairhaven	90	NStar	112450	108950	25950	N/A	6.89	Gas	Gas
1302	Sep	11357A	Fairhaven Village	Building E1	Fairhaven	1	NStar	2200	2200	0	6.88	N/A	Gas	Gas
1303	Sep	11357J	Fairhaven Village	Building E10	Fairhaven	1	NStar	2200	2200	0	6.88	N/A	Gas	Gas
1304	Sep	11357B	Fairhaven Village	Building E2	Fairhaven	1	NStar	2200	2200	0	6.88	N/A	Gas	Gas
1305	Sep	11357C	Fairhaven Village	Building E3	Fairhaven	1	NStar	2200	2200	0	6.88	N/A	Gas	Gas
1306	Sep	11357D	Fairhaven Village	Building E4	Fairhaven	1	NStar	2200	2200	0	6.88	N/A	Gas	Gas
1307	Sep	11357E	Fairhaven Village	Building E5	Fairhaven	1	NStar	2200	2200	0	6.88	N/A	Gas	Gas
1308	Sep	11357F	Fairhaven Village	Building E6	Fairhaven	1	NStar	2200	2200	0	6.88	N/A	Gas	Gas
1309	Sep	11357G	Fairhaven Village	Building E7	Fairhaven	1	NStar	2200	2200	0	6.88	N/A	Gas	Gas
1310	Sep	11357H	Fairhaven Village	Building E8	Fairhaven	1	NStar	2200	2200	0	6.88	N/A	Gas	Gas
1311	Sep	11357I	Fairhaven Village	Building E9	Fairhaven	1	NStar	2200	2200	0	6.88	N/A	Gas	Gas
1312	Sep	11358A	Fairhaven Village	Building F1	Fairhaven	1	NStar	1200	1200	0	6.88	N/A	Gas	Gas
1313	Sep	11358B	Fairhaven Village	Building F2	Fairhaven	1	NStar	1200	1200	0	6.88	N/A	Gas	Gas
1314	Sep	11358C	Fairhaven Village	Building F3	Fairhaven	1	NStar	1200	1200	0	6.88	N/A	Gas	Gas
1315	Sep	11358D	Fairhaven Village	Building F4	Fairhaven	1	NStar	1200	1200	0	6.88	N/A	Gas	Gas
1316	Sep	11358E	Fairhaven Village	Building F5	Fairhaven	1	NStar	1200	1200	0	6.88	N/A	Gas	Gas
1317	Sep	11358F	Fairhaven Village	Building F6	Fairhaven	1	NStar	1200	1200	0	6.88	N/A	Gas	Gas
1318	Sep	11358G	Fairhaven Village	Building F7	Fairhaven	1	NStar	1200	1200	0	6.88	N/A	Gas	Gas
1319	Sep	11396	Fieldstone	907 Blue Hill Avenue	Boston	27	NStar	30000	30000	10000	N/A	7.53	Gas	Gas
1320	Sep	11397	Fieldstone	911-917 Blue Hill Avenue	Boston	20	NStar	24000	18000	12000	N/A	3.60	Gas	Gas
1321	Sep	11399	Fieldstone	935-939 Blue Hill Avenue	Boston	17	NStar	24000	18000	12000	N/A	3.19	Gas	Gas
1322	Sep	11400	Fieldstone	955 Blue Hill Avenue	Boston	11	NStar	16000	12000	8000	N/A	2.33	Gas	Gas
1323	Sep	11132	Forest Hills CBFS	311 Hyde Park Ave	Boston	8	NStar	3537	2787	2577	6.74	N/A	Gas	Gas
1324	Sep	11135	Franklin House	15 Catherine St	Roslindale	7	NStar	3044	2244	2064	5.89	N/A	Oil	Gas
1325	Sep	11101	Hammond CBFS	71 Hammond St	Cambridge	8	NStar	2478	1678	1438	12.38	N/A	Gas	Gas
1326	Sep	11162	Harris Street CBFS	11 Harris St	Brookline	8	NStar	6400	4900	5200	3.66	N/A	Gas	Gas
1327	Sep	11147	Highlander House CBFS	769 Broadway	Somerville	8	NStar	3531	2781	2411	9.73	N/A	Gas	Gas
1328	Sep	11138	Hillburn Residence	27 Hilburn St	Roslindale	5	NStar	2200	1500	1450	5.68	N/A	Gas	Gas
1329	Sep	11088	Holliston-Rolland II	57 Indian Ridge Rd	Holliston	5	NStar	4295	4295	3570	5.23	N/A	Propane	Oil
1330	Sep	3619	Jamaica Plain Scattered Sites Cooperative	106-108 Chestnut Pre	Boston	7	NStar	8989	5874	4546	N/A	1.07	Gas	Gas
1331	Sep	1574	Jamaica Plain Scattered Sites Cooperative	3 Buckley St	Jamaica Plain	3	NStar	4154	3132	1515	N/A	0.88	Gas	Gas
1332	Sep	11139	Jefferson House	17 Pinehurst St	Roslindale	5	NStar	2800	2000	2150	2.81	N/A	Oil	Gas
1333	Sep	11097	Maude Graham Circle Residence	15 Maud Graham Circle	Burlington	4	NStar	2403	2403	1803	9.74	N/A	Gas	Gas
1334	Sep	11464	Mishawum Park	330-340 Main St	Boston	6	NStar	10880	10880	3700	4.03	N/A	Gas	Gas
1335	Sep	11463	Mishawum Park	60-72 Tibbetts Town Way	Boston	7	NStar	8700	8700	0	8.34	N/A	Gas	Gas
1336	Sep	11462	Mishawum Park	82-92 Tibbetstown Way	Boston	11	NStar	11520	11520	0	6.67	N/A	Gas	Gas
1337	Sep	11161	MMHC CBFS Operations 1	15 Dwight St	Brookline	7	NStar	3200	2300	2150	4.57	N/A	Oil	Oil
1338	Sep	11201	MMHC CBFS Subsidies	22 Robinwood Ave	Boston	4	NStar	3000	2500	1000	5.14	N/A	Gas	Gas
1339	Sep	11134	MMHC CBFS Subsidies	24 Robinwood Ave	Boston	7	NStar	3500	2600	2590	4.93	N/A	Oil	Gas
1340	Sep	11124	MR Co-Op Network Office	71 Garfield Ave	Boston	4	NStar	1800	1000	1280	16.84	N/A	Gas	Gas
1341	Sep	11030	Mystic View Apts	Bldg 2	Somerville	36	NStar	40000	30000	11300	N/A	6.72	Gas	Gas
1342	Sep	2553	Paz Properties	449-451 Saratoga	East Boston	5	NStar	6256	4692	1564	N/A	2.07	Gas	Gas
1343	Sep	11157	Powderhouse CBFS	250-252 Powder House Blvd	Somerville	6	NStar	2453	1553	1613	7.69	N/A	Gas	Gas
1344	Sep	11159	Redlands Road Apartments	24 Redlands Rd	Boston	5	NStar	3365	2465	2615	2.88	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ unit	Heating Fuel	Hot Water Fuel
1345	Sep	1637	Renwood-PWA	158 Walnut Ave	Boston	11	NStar	9131	6719	2412	N/A	2.48	Gas	Gas
1346	Sep	1635	Renwood-PWA	526 Massachusetts Ave	Boston	10	NStar	4884	4884	2090	N/A	13.54	Gas	Gas
1347	Sep	11127	River Street CBFS	985 River St	Boston	8	NStar	3850	2950	2890	7.16	N/A	Gas	Gas
1348	Sep	3791	Shalom Properties	4 Trenton St.	East boston	4	NStar	9481	6492	2989	N/A	2.06	Gas	Gas
1349	Sep	3796	Shalom Properties	440 Meridian St.	East Boston	5	NStar	6318	6318	1563	N/A	7.00	Gas	Gas
1350	Sep	11120	Skylla House	57 Stoughton St	Boston	10	NStar	6000	4700	4750	2.18	N/A	Gas	Gas
1351	Sep	11096	South Crescent Circuit Residence	36 S Crescent Circuit	Boston	4	NStar	1850	1150	1290	7.20	N/A	Gas	Gas
1352	Sep	6649	St. Joseph Hall	2 Rosary Drive	Watertown	25	NStar	43087	43087	24816	N/A	6.11	Gas	Gas
1353	Sep	11140	Symmes Street Residence	49 Symmes St	Roslindale	5	NStar	2625	1925	1925	7.06	N/A	Gas	Gas
1354	Sep	11093	Transitions-Young Adult Program	23 Bradbury St	Allston	5	NStar	4198	3598	3548	1.95	N/A	Gas	Gas
1355	Sep	11126	Valley Parkway	277 Neponset Valley Pkwy	Boston	4	NStar	2000	2000	1440	8.94	N/A	Gas	Gas
1356	Sep	822	West Third	293-301 West Third St	South Boston	12	NStar	8400	8400	1080	N/A	3.16	Gas	Gas
1357	Sep	11125	Westminster CBFS	1023 Hyde Park Ave	Boston	6	NStar	4500	3600	3720	2.98	N/A	Gas	Gas
1358	Oct	11106	Woodbridge CBFS	11 Woodbridge St	Cambridge	9	NStar	6829	5729	5479	3.65	N/A	Gas	Gas
1359	Oct	12341A	1-35 Hixson Farm Road	7 Hixson Farm Rd	Sharon	4	NStar	2400	2400	480	17.18	N/A	Electric	Electric
1360	Oct	6498	116 Norfolk St	116 NORFOLK ST	Cambridge	37	NStar	28028	22423	8028	5.56	N/A	Gas	Gas
1361	Oct	11846	Acton Street Residence	1 Acton St	Watertown	4	NStar	2520	2520	2100	5.23	N/A	Gas	Gas
1362	Oct	Federal	Captain Robert Cook Dr	28 CAPT-ROBERT-COOK (COMM)	Needham	1	NStar	2174	2174	2174	19.13	N/A	Gas	Gas
1363	Oct	11322C	Charlesview Apartments	13-15 Hefferan Way	Boston	4	NStar	4440	3249	1191	N/A	6.98	Gas	Gas
1364	Oct	11316C	Charlesview Apartments	13-15 Stadium Way	Boston	5	NStar	4400	3551	849	N/A	7.38	Gas	Gas
1365	Oct	11319A	Charlesview Apartments	130-132 N Harvard St	Boston	4	NStar	4400	3128	1272	N/A	7.10	Gas	Gas
1366	Oct	11319B	Charlesview Apartments	134-136 N Harvard St	Boston	4	NStar	4400	3128	1272	N/A	7.10	Gas	Gas
1367	Oct	11319C	Charlesview Apartments	138-140 N Harvard St	Boston	4	NStar	4400	3128	1272	N/A	7.10	Gas	Gas
1368	Oct	11320A	Charlesview Apartments	150-152 N Harvard St	Boston	4	NStar	4400	3128	1272	N/A	5.53	Gas	Gas
1369	Oct	11320B	Charlesview Apartments	154-156 N Harvard St	Boston	4	NStar	4400	3128	1272	N/A	5.53	Gas	Gas
1370	Oct	11320C	Charlesview Apartments	158-160 N Harvard St	Boston	4	NStar	4400	3128	1272	N/A	5.53	Gas	Gas
1371	Oct	11322D	Charlesview Apartments	17-19 Hefferan Way	Boston	4	NStar	4440	3249	1191	N/A	6.98	Gas	Gas
1372	Oct	11316D	Charlesview Apartments	17-19 Stadium Way	Boston	5	NStar	4400	3551	849	N/A	7.38	Gas	Gas
1373	Oct	11321A	Charlesview Apartments	170 N Harvard St	Boston	4	NStar	4400	3551	849	N/A	10.06	Gas	Gas
1374	Oct	11321B	Charlesview Apartments	172-174 N Harvard St	Boston	5	NStar	4400	3551	849	N/A	10.06	Gas	Gas
1375	Oct	11321C	Charlesview Apartments	176-178 N Harvard St	Boston	5	NStar	4400	3551	849	N/A	10.06	Gas	Gas
1376	Oct	11321D	Charlesview Apartments	180-182 N Harvard St	Boston	5	NStar	4400	3551	849	N/A	10.06	Gas	Gas
1377	Oct	11321E	Charlesview Apartments	184 N Harvard St	Boston	4	NStar	4400	3551	849	N/A	10.06	Gas	Gas
1378	Oct	11316E	Charlesview Apartments	21 Stadium Way	Boston	4	NStar	4400	3551	849	N/A	7.38	Gas	Gas
1379	Oct	11322E	Charlesview Apartments	21-23 Hefferan Way	Boston	4	NStar	4440	3249	1191	N/A	6.98	Gas	Gas
1380	Oct	11317A	Charlesview Apartments	25 Stadium Way	Boston	5	NStar	4436	3509	927	N/A	11.70	Gas	Gas
1381	Oct	11322F	Charlesview Apartments	25-27 Hefferan Way	Boston	5	NStar	4440	3249	1191	N/A	6.98	Gas	Gas
1382	Oct	11317B	Charlesview Apartments	27-29 Stadium Way	Boston	5	NStar	4436	3509	927	N/A	11.70	Gas	Gas
1383	Oct	11322G	Charlesview Apartments	29 Hefferan Way	Boston	5	NStar	4440	3249	1191	N/A	6.98	Gas	Gas
1384	Oct	11322H	Charlesview Apartments	31-33 Hefferan Way	Boston	5	NStar	4440	3249	1191	N/A	6.98	Gas	Gas
1385	Oct	11317C	Charlesview Apartments	31-33 Stadium Way	Boston	5	NStar	4436	3509	927	N/A	11.70	Gas	Gas
1386	Oct	11317D	Charlesview Apartments	35 Stadium Way	Boston	4	NStar	4436	3509	927	N/A	11.70	Gas	Gas
1387	Oct	11322I	Charlesview Apartments	35-37 Hefferan Way	Boston	5	NStar	4440	3249	1191	N/A	6.98	Gas	Gas
1388	Oct	11317E	Charlesview Apartments	37-39 Stadium Way	Boston	4	NStar	4436	3509	927	N/A	11.70	Gas	Gas
1389	Oct	11322J	Charlesview Apartments	39-41 Hefferan Way	Boston	5	NStar	4440	3249	1191	N/A	6.98	Gas	Gas
1390	Oct	11317F	Charlesview Apartments	41-43 Stadium way	Boston	4	NStar	4436	3509	927	N/A	11.70	Gas	Gas
1391	Oct	11317G	Charlesview Apartments	45-47 Stadium Way	Boston	4	NStar	4436	3509	927	N/A	11.70	Gas	Gas
1392	Oct	11317H	Charlesview Apartments	49-51 Stadium Way	Boston	4	NStar	4436	3509	927	N/A	11.70	Gas	Gas
1393	Oct	11322A	Charlesview Apartments	5-7 Hefferan Way	Boston	4	NStar	4440	3249	1191	N/A	6.98	Gas	Gas
1394	Oct	11316A	Charlesview Apartments	5-7 Stadium Way	Boston	4	NStar	4400	3551	849	N/A	7.38	Gas	Gas
1395	Oct	11324A	Charlesview Apartments	51-53 Hefferan	Boston	4	NStar	4400	3128	1272	N/A	7.15	Gas	Gas
1396	Oct	11317I	Charlesview Apartments	53-55 Stadium Way	Boston	5	NStar	4436	3509	927	N/A	11.70	Gas	Gas
1397	Oct	11324B	Charlesview Apartments	55 Hefferan Way	Boston	4	NStar	4400	3128	1272	N/A	7.15	Gas	Gas
1398	Oct	11317J	Charlesview Apartments	57 Stadium Way	Boston	5	NStar	4436	3509	927	N/A	11.70	Gas	Gas
1399	Oct	11324C	Charlesview Apartments	57-59 Hefferan	Boston	4	NStar	4400	3128	1272	N/A	7.15	Gas	Gas
1400	Oct	11317K	Charlesview Apartments	59 Stadium Way	Boston	5	NStar	4436	3509	927	N/A	11.70	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel
1401	Oct	11318A	Charlesview Apartments	63 Stadium Way	Boston	4	NStar	4457	3529	928	N/A	10.90	Gas	Gas
1402	Oct	11318B	Charlesview Apartments	65-67 Stadium Way	Boston	5	NStar	4457	3529	928	N/A	10.90	Gas	Gas
1403	Oct	11318C	Charlesview Apartments	69-71 Stadium Way	Boston	5	NStar	4457	3529	928	N/A	10.90	Gas	Gas
1404	Oct	11318D	Charlesview Apartments	73-75 Stadium Way	Boston	5	NStar	4457	3529	928	N/A	10.90	Gas	Gas
1405	Oct	11318E	Charlesview Apartments	77 Stadium Way	Boston	5	NStar	4457	3529	928	N/A	10.90	Gas	Gas
1406	Oct	11318F	Charlesview Apartments	79 Stadium Way	Boston	4	NStar	4457	3529	928	N/A	10.90	Gas	Gas
1407	Oct	11318G	Charlesview Apartments	81 Stadium Way	Boston	4	NStar	4457	3529	928	N/A	10.90	Gas	Gas
1408	Oct	11322B	Charlesview Apartments	9-11 Hefferan Way	Boston	4	NStar	4440	3249	1191	N/A	6.98	Gas	Gas
1409	Oct	11316B	Charlesview Apartments	9-11 Stadium Way	Boston	5	NStar	4400	3551	849	N/A	7.38	Gas	Gas
1410	Oct	11839	Deering Road Residence	87 Deering Rd	Mattapan	7	NStar	5400	4200	4595	3.41	N/A	Gas	Gas
1411	Oct	11136	Doncaster CBFS	47 Doncaster St	Roslindale	7	NStar	1500	800	730	11.77	N/A	Gas	Gas
1412	Oct	11848	Green Street Transition	19-21 Green St	Watertown	5	NStar	4800	4800	4250	4.59	N/A	Gas	Gas
1413	Oct	11847	Greenwood Residence	15-17 Green St	Watertown	5	NStar	4800	3600	4250	3.05	N/A	Gas	Gas
1414	Oct	11119	Larchmont CBFS	21 Larchmont St	Boston	8	NStar	3640	2840	2640	7.59	N/A	Gas	Gas
1415	Oct	11837	Larry Doughty House CBFS	78 Pleasant St	Hyannis	12	NStar	3542	3542	2222	9.52	N/A	Gas	Gas
1416	Oct	11843	Malvern Street Residence	14 Malvern St	Waltham	5	NStar	4300	3500	3750	6.16	N/A	Oil	Electric
1417	Oct	11376	Mary Murphy Apts	Community Bldg	Winchester	1	NStar	1560	1560	1510	13.00	N/A	Electric	Electric
1418	Oct	11374A	Mary Murphy Apts	HC Townhouses - A	Winchester	1	NStar	584	584	0	13.00	N/A	Electric	Electric
1419	Oct	11374B	Mary Murphy Apts	HC Townhouses - B	Winchester	1	NStar	584	584	0	13.00	N/A	Electric	Electric
1420	Oct	11374C	Mary Murphy Apts	HC Townhouses - C	Winchester	1	NStar	584	584	0	13.00	N/A	Electric	Electric
1421	Oct	11374D	Mary Murphy Apts	HC Townhouses - D	Winchester	1	NStar	584	584	0	13.00	N/A	Electric	Electric
1422	Oct	11366	Mary Murphy Apts	Palmer Street - 1	Winchester	12	NStar	8025	8025	0	13.00	N/A	Electric	Electric
1423	Oct	11368	Mary Murphy Apts	Palmer Street - 2	Winchester	12	NStar	8025	8025	0	13.00	N/A	Electric	Electric
1424	Oct	11370	Mary Murphy Apts	Palmer Street - 3	Winchester	12	NStar	8025	8025	0	13.00	N/A	Electric	Electric
1425	Oct	11371	Mary Murphy Apts	Palmer Street - 4	Winchester	12	NStar	8025	8025	0	13.00	N/A	Electric	Electric
1426	Oct	12022	Mishawum Park	101-117 Dunstable St	Boston	12	NStar	14604	14604	0	8.43	N/A	Gas	Gas
1427	Oct	12013	Mishawum Park	15-39 Phipps St	Charlestown	15	NStar	18255	18255	0	6.59	N/A	Gas	Gas
1428	Oct	11492	Mishawum Park	53-85 Tibbetts Town Way	Boston	24	NStar	29208	29208	0	6.78	N/A	Gas	Gas
1429	Oct	12020	Mishawum Park	77 Lawrence St	Boston	4	NStar	4868	4868	0	5.98	N/A	Gas	Gas
1430	Oct	11129	MMHC CBFS Operations 1	5 Gartland St	Boston	10	NStar	4500	3600	3300	3.39	N/A	Gas	Gas
1431	Oct	11142	Munroe Residence	80 Munroe St	Boston	5	NStar	3720	2720	2970	5.65	N/A	Gas	Gas
1432	Oct	12342A	1-35 Hixson Farm Road	21 Hixson Farm Rd	Sharon	4	NStar	2400	2400	480	17.45	N/A	Electric	Electric
1433	Oct	12342B	1-35 Hixson Farm Road	23 Hixson Farm Rd	Sharon	4	NStar	2400	2400	480	17.45	N/A	Electric	Electric
1434	Oct	12344A	1-35 Hixson Farm Road	25 Hixson Farm Rd	Sharon	4	NStar	2216	2216	443	17.45	N/A	Electric	Electric
1435	Oct	12344B	1-35 Hixson Farm Road	27 Hixson Farm Rd	Sharon	4	NStar	2216	2216	443	17.45	N/A	Electric	Electric
1436	Oct	12344C	1-35 Hixson Farm Road	29 Hixson Farm Rd	Sharon	4	NStar	2216	2216	443	17.45	N/A	Electric	Electric
1437	Oct	12345A	1-35 Hixson Farm Road	31 Hixson Farm Rd	Sharon	4	NStar	2216	2216	443	17.45	N/A	Electric	Electric
1438	Oct	12345B	1-35 Hixson Farm Road	33 Hixson Farm Rd	Sharon	4	NStar	2216	2216	443	17.45	N/A	Electric	Electric
1439	Oct	12345C	1-35 Hixson Farm Road	35 Hixson Farm Rd	Sharon	4	NStar	2216	2216	443	17.45	N/A	Electric	Electric
1440	Oct	11815	South Boston Elderly	120 H St	Boston	50	NStar	39000	39000	14000	9.43	N/A	Gas	Gas
1441	Oct	11967	South End Coop	12 Wellington St	Boston	3	NStar	3131	2505	1127	N/A	3.54	Gas	Gas
1442	Oct	11968	South End Coop	157 W Concord St	Boston	5	NStar	3975	3180	1431	N/A	5.00	Gas	Gas
1443	Oct	11966	South End Coop	159 W Springfield St	Boston	10	NStar	11160	9300	3720	N/A	4.26	Gas	Gas
1444	Oct	11965	South End Coop	161 W Springfield St	Boston	5	NStar	7440	6200	2480	N/A	1.82	Gas	Gas
1445	Oct	1442	South End Coop	163 W Springfield St	Boston	2	NStar	2850	2280	1938	N/A	4.38	Gas	Gas
1446	Oct	11969	South End Coop	21 Concord Square	Boston	3	NStar	3850	3080	1386	N/A	3.94	Gas	Gas
1447	Oct	11970	South End Coop	23 Concord Square	Boston	4	NStar	3850	3080	1386	N/A	3.94	Gas	Gas
1448	Oct	11971	South End Coop	235 W Canton St	Boston	3	NStar	2925	2340	1053	N/A	5.11	Gas	Gas
1449	Oct	11982	South End Coop	241 Shawmut Ave	Boston	3	NStar	2875	2300	1035	N/A	4.87	Gas	Gas
1450	Oct	11983	South End Coop	243 Shawmut Ave	Boston	3	NStar	2875	2300	1035	N/A	4.87	Gas	Gas
1451	Oct	11984	South End Coop	245 Shawmut Ave	Boston	3	NStar	2875	2300	1035	N/A	4.87	Gas	Gas
1452	Oct	11972	South End Coop	32 Holyoke St	Boston	3	NStar	3250	2600	1170	N/A	7.51	Gas	Gas
1453	Oct	11987	South End Coop	559 Massachusetts Avenue	Boston	6	NStar	6490	4970	2514	N/A	3.31	Gas	Gas
1454	Oct	11988	South End Coop	567 Massachusetts Ave	Boston	6	NStar	6600	5100	2520	N/A	2.14	Gas	Gas
1455	Oct	11977	South End Coop	6 Concord Square	Boston	3	NStar	3350	2680	1206	N/A	4.61	Gas	Gas
1456	Oct	11121	Alphonsus Residential Program and Resp	474 Talbot Ave	Boston	12	NStar	4599	3699	2919	4.68	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ heating ft2	Heating Fuel	Hot Water Fuel
1457	Oct	1351	THANKFUL CHASES PATHWAY	1,3,5 Thankful Chase Pathway-Building A	Harwich	3	NStar	2790	2790	176	4.16	N/A	Gas	Gas
1458	Oct	11844	Totten Pond Road Residence	95 Totten Pond Rd	Waltham	5	NStar	3882	3882	3307	6.02	N/A	Gas	Gas
1459	Oct	11850	Walnut Knoll Residence	18 Walnut Knoll	Canton	4	NStar	2418	2418	1998	7.31	N/A	Gas	Gas
1460	Oct	11819	Waterview	1350 Columbia Rd	Boston	49	NStar	41739	41739	8701	N/A	7.16	Gas	Gas
1461	Oct	10768	Zelma Lacey Assisted Living	9 West School St	Boston	66	NStar	39384	39384	14846	14.02	N/A	Gas	Gas
1462	Nov	12346	1-35 Hixson Farm Road	Community Building	Sharon	1	NStar	2076	2076	1576	14.80	N/A	Electric	Electric
1463	Nov	12339A	1-35 Hixson Farm Road	11 Hixson Farm Rd	Sharon	4	NStar	2216	2216	443	17.18	N/A	Electric	Electric
1464	Nov	12339B	1-35 Hixson Farm Road	13 Hixson Farm Rd	Sharon	4	NStar	2216	2216	443	17.18	N/A	Electric	Electric
1465	Nov	12339C	1-35 Hixson Farm Road	15 Hixson Farm Rd	Sharon	4	NStar	2216	2216	443	17.18	N/A	Electric	Electric
1466	Nov	12340C	1-35 Hixson Farm Road	5 Hixson Farm Rd	Sharon	4	NStar	2216	2216	443	17.18	N/A	Electric	Electric
1467	Nov	12341B	1-35 Hixson Farm Road	9 Hixson Farm Rd	Sharon	4	NStar	2400	2400	480	17.18	N/A	Electric	Electric
1468	Nov	12571A	10 Locust Ln	10A Locust Ln	Watertown	1	NStar	2389	1800	589	4.85	N/A	Gas	Gas
1469	Nov	12571B	10 Locust Ln	10B Locust Ln	Watertown	1	NStar	2389	1800	589	4.85	N/A	Gas	Gas
1470	Nov	12511A	106/108 Pond St	106 Pond St	Natick	1	NStar	2550	1700	850	4.33	N/A	Gas	Gas
1471	Nov	12511B	106/108 Pond St	108 Pond St	Natick	1	NStar	2550	1700	850	4.33	N/A	Gas	Gas
1472	Nov	8463	1162-1164 Boylston st	1162 Boylston st	Brookline	3	NStar	6000	4500	2000	N/A	1.74	Gas	Gas
1473	Nov	8468	1162-1164 Boylston st	1164 Boylston st	Brookline	3	NStar	6000	4500	2000	N/A	1.62	Gas	Gas
1474	Nov	7475A	12-18 Hingham St	12 Hingham St	Cambridge	1	NStar	2005	1343	662	3.38	N/A	Gas	Gas
1475	Nov	7475B	12-18 Hingham St	14 Hingham St	Cambridge	1	NStar	1337	895	442	3.38	N/A	Gas	Gas
1476	Nov	7475C	12-18 Hingham St	16 Hingham St	Cambridge	1	NStar	1337	895	442	3.38	N/A	Gas	Gas
1477	Nov	7475D	12-18 Hingham St	18 Hingham St	Cambridge	1	NStar	2005	1343	662	3.38	N/A	Gas	Gas
1478	Nov	12357A	159 161 Eliot Ave	159 Eliot St	Milton	1	NStar	1779	1212	567	3.09	N/A	Gas	Gas
1479	Nov	12357B	159 161 Eliot Ave	161 Eliot St	Milton	1	NStar	1779	1212	567	3.09	N/A	Gas	Gas
1480	Nov	12378	21 S. Pleasant Street	21 S Pleasant St	Sharon	6	NStar	7301	7301	1460	N/A	2.70	Gas	Gas
1481	Nov	12359A	26 Lothrop	26 Lothrop Ave Unit 1	Milton	1	NStar	882	450	432	2.21	N/A	Gas	Gas
1482	Nov	12359B	26 Lothrop	26 Lothrop Ave Unit 2	Milton	1	NStar	1323	675	648	2.21	N/A	Gas	Gas
1483	Nov	12482A	29 Hitchens Drive	29 Hitchins Dr A	Dedham	1	NStar	1900	1400	500	6.83	N/A	Gas	Gas
1484	Nov	12482B	29 Hitchens Drive	29 Hitchins Dr B	Dedham	1	NStar	1900	1400	500	6.83	N/A	Gas	Gas
1485	Nov	12360A	436 Central Ave	436A Central Ave	Milton	1	NStar	1243	644	599	5.71	N/A	Gas	Gas
1486	Nov	12360B	436 Central Ave	436B Central Ave	Milton	1	NStar	1243	644	599	5.71	N/A	Gas	Gas
1487	Nov	12510A	44 Curve St & 201 Pond St	44 Curve St Unit 1	Natick	1	NStar	1785	1190	595	0.63	N/A	Gas	Gas
1488	Nov	12510B	44 Curve St & 201 Pond St	44 Curve St Unit 2	Natick	1	NStar	1785	1190	595	0.63	N/A	Gas	Gas
1489	Nov	12358A	5 Tucker St	5 Tucker St Unit 1	Milton	1	NStar	1246	650	596	5.08	N/A	Gas	Gas
1490	Nov	12358B	5 Tucker St	5 Tucker St Unit 2	Milton	1	NStar	1246	650	596	5.08	N/A	Gas	Gas
1491	Nov	12570	6-8 Keith St	8 Hersom St	Watertown	1	NStar	1827	1281	546	3.44	N/A	Gas	Gas
1492	Nov	12571	6-8 Keith St	10 Hersom St	Watertown	1	NStar	1827	1281	546	3.44	N/A	Gas	Gas
1493	Nov	12569A	6-8 Keith St	9 Dana Terrace	Watertown	1	NStar	2519	1937	582	1.93	N/A	Gas	Gas
1494	Nov	12570A	6-8 Keith St	6A Keith St	Watertown	1	NStar	1424	1024	400	3.44	N/A	Gas	Gas
1495	Nov	12568B	6-8 Keith St	11A Dana Terrace	Watertown	1	NStar	1679	1291	388	1.93	N/A	Gas	Gas
1496	Nov	12570B	6-8 Keith St	6B Keith St	Watertown	1	NStar	1424	1024	400	3.44	N/A	Gas	Gas
1497	Nov	12570C	6-8 Keith St	8 Keith St	Watertown	1	NStar	712	512	200	3.44	N/A	Gas	Gas
1498	Nov	12568C	6-8 Keith St	11B Dana Terrace	Watertown	1	NStar	840	646	194	1.93	N/A	Gas	Gas
1499	Nov	12347A	65 Miller Avenue	Building 1A	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1500	Nov	12347B	65 Miller Avenue	Building 1B	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1501	Nov	12347C	65 Miller Avenue	Building 1C	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1502	Nov	12347D	65 Miller Avenue	Building 1D	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1503	Nov	12347E	65 Miller Avenue	Building 1E	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1504	Nov	12347F	65 Miller Avenue	Building 1F	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1505	Nov	12347G	65 Miller Avenue	Building 1G	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1506	Nov	12347H	65 Miller Avenue	Building 1H	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1507	Nov	12347I	65 Miller Avenue	Building 1I	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1508	Nov	12347J	65 Miller Avenue	Building 1J	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1509	Nov	12347K	65 Miller Avenue	Building 1K	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1510	Nov	12347L	65 Miller Avenue	Building 1L	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1511	Nov	12349A	65 Miller Avenue	Building 2A	Milton	1	NStar	1185	1185	0	12.53	N/A	Electric	Electric
1512	Nov	12349AC	65 Miller Avenue	Building 2C	Milton	1	NStar	1185	1185	0	12.53	N/A	Electric	Electric

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ unit	Heating Fuel	Hot Water Fuel
1513	Nov	12349B	65 Miller Avenue	Building 2B	Milton	1	NStar	1185	1185	0	12.53	N/A	Electric	Electric
1514	Nov	12349D	65 Miller Avenue	Building 2D	Milton	1	NStar	1185	1185	0	12.53	N/A	Electric	Electric
1515	Nov	12349E	65 Miller Avenue	Building 2E	Milton	1	NStar	1185	1185	0	12.53	N/A	Electric	Electric
1516	Nov	12349F	65 Miller Avenue	Building 2F	Milton	1	NStar	1185	1185	0	12.53	N/A	Electric	Electric
1517	Nov	12349G	65 Miller Avenue	Building 2G	Milton	1	NStar	1185	1185	0	12.53	N/A	Electric	Electric
1518	Nov	12350A	65 Miller Avenue	Building 3A	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1519	Nov	12350B	65 Miller Avenue	Building 3B	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1520	Nov	12350C	65 Miller Avenue	Building 3C	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1521	Nov	12350D	65 Miller Avenue	Building 3D	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1522	Nov	12350E	65 Miller Avenue	Building 3E	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1523	Nov	12350F	65 Miller Avenue	Building 3F	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1524	Nov	12350G	65 Miller Avenue	Building 3G	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1525	Nov	12350H	65 Miller Avenue	Building 3H	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1526	Nov	12350I	65 Miller Avenue	Building 3I	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1527	Nov	12350J	65 Miller Avenue	Building 3J	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1528	Nov	12350K	65 Miller Avenue	Building 3K	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1529	Nov	12350L	65 Miller Avenue	Building 3L	Milton	1	NStar	708	708	0	12.53	N/A	Electric	Electric
1530	Nov	12351A	65 Miller Avenue	Building 4A	Milton	1	NStar	688	688	0	12.53	N/A	Electric	Electric
1531	Nov	12351B	65 Miller Avenue	Building 4B	Milton	1	NStar	688	688	0	12.53	N/A	Electric	Electric
1532	Nov	12351C	65 Miller Avenue	Building 4C	Milton	1	NStar	688	688	0	12.53	N/A	Electric	Electric
1533	Nov	12351D	65 Miller Avenue	Building 4D	Milton	1	NStar	688	688	0	12.53	N/A	Electric	Electric
1534	Nov	12351E	65 Miller Avenue	Building 4E	Milton	1	NStar	688	688	0	12.53	N/A	Electric	Electric
1535	Nov	12351F	65 Miller Avenue	Building 4F	Milton	1	NStar	688	688	0	12.53	N/A	Electric	Electric
1536	Nov	12351G	65 Miller Avenue	Building 4G	Milton	1	NStar	688	688	0	12.53	N/A	Electric	Electric
1537	Nov	12351H	65 Miller Avenue	Building 4H	Milton	1	NStar	688	688	0	12.53	N/A	Electric	Electric
1538	Nov	2133	705-C	42 Fairbank Circle	Sudbury	1	NStar	1108	1108	0	2.58	N/A	Gas	Gas
1539	Nov	2135	705-C	44 Fairbank Circle	Sudbury	1	NStar	1108	1108	0	2.58	N/A	Gas	Gas
1540	Nov	2136	705-C	46 Fairbank Circle	Sudbury	1	NStar	1140	1140	0	3.67	N/A	Gas	Gas
1541	Nov	2137	705-C	50 Fairbank Circle	Sudbury	1	NStar	1108	1108	0	3.41	N/A	Gas	Gas
1542	Nov	2138	705-C	52 Fairbank Circle	Sudbury	1	NStar	1108	1108	0	3.41	N/A	Gas	Gas
1543	Nov	2139	705-C	54 Fairbank Circle	Sudbury	1	NStar	1108	1108	0	2.85	N/A	Gas	Gas
1544	Nov	2154	705-C	45 Old Meadow Road	Sudbury	1	NStar	1108	1108	0	6.07	N/A	Gas	Gas
1545	Nov	2158	705-C	47 Old Meadow Road	Sudbury	1	NStar	1340	1340	0	6.07	N/A	Gas	Gas
1546	Nov	2159	705-C	48 Fairbank Circle	Sudbury	1	NStar	1340	1340	0	3.67	N/A	Gas	Gas
1547	Nov	2160	705-C	56 Fairbank Circle	Sudbury	1	NStar	1340	1340	0	2.85	N/A	Gas	Gas
1548	Nov	12509A	99 101 Brook Rd	99 Brook Rd	Milton	1	NStar	809	539	270	10.80	N/A	Gas	Gas
1549	Nov	12509B	99 101 Brook Rd	101 Brook Rd	Milton	1	NStar	1213	809	404	10.80	N/A	Gas	Gas
1550	Nov	11098	Aberdeen CBFS	98 Aberdeen Ave	Cambridge	8	NStar	2860	1910	1900	12.57	N/A	Gas	Gas
1551	Nov	11151	Cambridge Somerville CBFS Operations 2	12 Kent Ct	Somerville	2	NStar	1200	700	880	4.21	N/A	Gas	Gas
1552	Nov	7178	Carriage House	294 Old Main Road - Shelter	Falmouth	9	NStar	4165	4165	2659	7.38	N/A	Gas	Gas
1553	Nov	7313	Carriage House	294A Old Main St - Child Center	Falmouth	1	NStar	1850	1850	0	0.87	N/A	Gas	Gas
1554	Nov	12297	Cochituate Homes	1 Interfaith Terrace	Framingham	8	NStar	6000	6000	320	N/A	11.95	Gas	Gas
1555	Nov	12361	Cochituate Homes	2 Interfaith Terrace	Framingham	12	NStar	9000	9000	480	3.25	N/A	Gas	Gas
1556	Nov	12371	Cochituate Homes	12A Interfaith Terrace (Community)	Framingham	1	NStar	1300	1300	1250	4.25	N/A	Gas	Gas
1557	Nov	12372	Cochituate Homes	12B Interfaith Terrace (Community)	Framingham	1	NStar	1300	1300	1250	4.25	N/A	Gas	Gas
1558	Nov	12426	Cochituate Homes	37 Interfaith Terrace	Framingham	12	NStar	9000	9000	480	4.49	N/A	Gas	Gas
1559	Nov	12362A	Cochituate Homes	3A Interfaith Terrace	Framingham	1	NStar	800	800	0	5.94	N/A	Gas	Gas
1560	Nov	12362B	Cochituate Homes	3B Interfaith Terrace	Framingham	1	NStar	900	900	0	5.94	N/A	Gas	Gas
1561	Nov	12362C	Cochituate Homes	3C Interfaith Terrace	Framingham	1	NStar	900	900	0	5.94	N/A	Gas	Gas
1562	Nov	12362D	Cochituate Homes	3D Interfaith Terrace	Framingham	1	NStar	800	800	0	5.94	N/A	Gas	Gas
1563	Nov	12363A	Cochituate Homes	4A Interfaith Terrace	Framingham	1	NStar	800	800	0	5.39	N/A	Gas	Gas
1564	Nov	12363B	Cochituate Homes	4B Interfaith Terrace	Framingham	1	NStar	900	900	0	5.39	N/A	Gas	Gas
1565	Nov	12363C	Cochituate Homes	4C Interfaith Terrace	Framingham	1	NStar	900	900	0	5.39	N/A	Gas	Gas
1566	Nov	12363D	Cochituate Homes	4D Interfaith Terrace	Framingham	1	NStar	800	800	0	5.39	N/A	Gas	Gas
1567	Nov	12364A	Cochituate Homes	5A Interfaith Terrace	Framingham	1	NStar	800	800	0	4.91	N/A	Gas	Gas
1568	Nov	12364B	Cochituate Homes	5B Interfaith Terrace	Framingham	1	NStar	900	900	0	4.91	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel#2
1569	Nov	12364C	Cochituate Homes	5C Interfaith Terrace	Framingham	1	NStar	900	900	0	4.91	N/A	Gas	Gas
1570	Nov	12364D	Cochituate Homes	5D Interfaith Terrace	Framingham	1	NStar	800	800	0	4.91	N/A	Gas	Gas
1571	Nov	12365A	Cochituate Homes	6A Interfaith Terrace	Framingham	1	NStar	800	800	0	3.50	N/A	Gas	Gas
1572	Nov	12365B	Cochituate Homes	6B Interfaith Terrace	Framingham	1	NStar	900	900	0	3.50	N/A	Gas	Gas
1573	Nov	12365C	Cochituate Homes	6C Interfaith Terrace	Framingham	1	NStar	900	900	0	3.50	N/A	Gas	Gas
1574	Nov	12365D	Cochituate Homes	6D Interfaith Terrace	Framingham	1	NStar	800	800	0	3.50	N/A	Gas	Gas
1575	Nov	12366A	Cochituate Homes	7A Interfaith Terrace	Framingham	1	NStar	800	800	0	5.36	N/A	Gas	Gas
1576	Nov	12366B	Cochituate Homes	7B Interfaith Terrace	Framingham	1	NStar	900	900	0	5.36	N/A	Gas	Gas
1577	Nov	12366C	Cochituate Homes	7C Interfaith Terrace	Framingham	1	NStar	900	900	0	5.36	N/A	Gas	Gas
1578	Nov	12366D	Cochituate Homes	7D Interfaith Terrace	Framingham	1	NStar	800	800	0	5.36	N/A	Gas	Gas
1579	Nov	12367A	Cochituate Homes	8A Interfaith Terrace	Framingham	1	NStar	800	800	0	6.27	N/A	Gas	Gas
1580	Nov	12367B	Cochituate Homes	8B Interfaith Terrace	Framingham	1	NStar	900	900	0	6.27	N/A	Gas	Gas
1581	Nov	12367C	Cochituate Homes	8C Interfaith Terrace	Framingham	1	NStar	900	900	0	6.27	N/A	Gas	Gas
1582	Nov	12367D	Cochituate Homes	8D Interfaith Terrace	Framingham	1	NStar	800	800	0	6.27	N/A	Gas	Gas
1583	Nov	12368A	Cochituate Homes	9A Interfaith Terrace	Framingham	1	NStar	800	800	0	5.20	N/A	Gas	Gas
1584	Nov	12368B	Cochituate Homes	9B Interfaith Terrace	Framingham	1	NStar	900	900	0	5.20	N/A	Gas	Gas
1585	Nov	12368C	Cochituate Homes	9C Interfaith Terrace	Framingham	1	NStar	900	900	0	5.20	N/A	Gas	Gas
1586	Nov	12368D	Cochituate Homes	9D Interfaith Terrace	Framingham	1	NStar	800	800	0	5.20	N/A	Gas	Gas
1587	Nov	12369A	Cochituate Homes	10A Interfaith Terrace	Framingham	1	NStar	800	800	0	4.67	N/A	Gas	Gas
1588	Nov	12369B	Cochituate Homes	10B Interfaith Terrace	Framingham	1	NStar	900	900	0	4.67	N/A	Gas	Gas
1589	Nov	12369C	Cochituate Homes	10C Interfaith Terrace	Framingham	1	NStar	900	900	0	4.67	N/A	Gas	Gas
1590	Nov	12369D	Cochituate Homes	10D Interfaith Terrace	Framingham	1	NStar	800	800	0	4.67	N/A	Gas	Gas
1591	Nov	12370A	Cochituate Homes	11A Interfaith Terrace	Framingham	1	NStar	800	800	0	4.04	N/A	Gas	Gas
1592	Nov	12370B	Cochituate Homes	11B Interfaith Terrace	Framingham	1	NStar	900	900	0	4.04	N/A	Gas	Gas
1593	Nov	12370C	Cochituate Homes	11C Interfaith Terrace	Framingham	1	NStar	900	900	0	4.04	N/A	Gas	Gas
1594	Nov	12370D	Cochituate Homes	11D Interfaith Terrace	Framingham	1	NStar	800	800	0	4.04	N/A	Gas	Gas
1595	Nov	12373A	Cochituate Homes	14A Interfaith Terrace	Framingham	1	NStar	800	800	0	6.96	N/A	Gas	Gas
1596	Nov	12373B	Cochituate Homes	14B Interfaith Terrace	Framingham	1	NStar	900	900	0	6.96	N/A	Gas	Gas
1597	Nov	12373C	Cochituate Homes	14C Interfaith Terrace	Framingham	1	NStar	900	900	0	6.96	N/A	Gas	Gas
1598	Nov	12373D	Cochituate Homes	14D Interfaith Terrace	Framingham	1	NStar	800	800	0	6.96	N/A	Gas	Gas
1599	Nov	12374A	Cochituate Homes	15A Interfaith Terrace	Framingham	1	NStar	800	800	0	7.97	N/A	Gas	Gas
1600	Nov	12374B	Cochituate Homes	15B Interfaith Terrace	Framingham	1	NStar	900	900	0	7.97	N/A	Gas	Gas
1601	Nov	12374C	Cochituate Homes	15C Interfaith Terrace	Framingham	1	NStar	900	900	0	7.97	N/A	Gas	Gas
1602	Nov	12374D	Cochituate Homes	15D Interfaith Terrace	Framingham	1	NStar	800	800	0	7.97	N/A	Gas	Gas
1603	Nov	12375A	Cochituate Homes	16A Interfaith Terrace	Framingham	1	NStar	800	800	0	7.97	N/A	Gas	Gas
1604	Nov	12375B	Cochituate Homes	16B Interfaith Terrace	Framingham	1	NStar	900	900	0	7.97	N/A	Gas	Gas
1605	Nov	12375C	Cochituate Homes	16C Interfaith Terrace	Framingham	1	NStar	900	900	0	7.97	N/A	Gas	Gas
1606	Nov	12375D	Cochituate Homes	16D Interfaith Terrace	Framingham	1	NStar	800	800	0	7.97	N/A	Gas	Gas
1607	Nov	12398A	Cochituate Homes	17A Interfaith Terrace	Framingham	1	NStar	800	800	0	6.59	N/A	Gas	Gas
1608	Nov	12398B	Cochituate Homes	17B Interfaith Terrace	Framingham	1	NStar	900	900	0	6.59	N/A	Gas	Gas
1609	Nov	12398C	Cochituate Homes	17C Interfaith Terrace	Framingham	1	NStar	900	900	0	6.59	N/A	Gas	Gas
1610	Nov	12398D	Cochituate Homes	17D Interfaith Terrace	Framingham	1	NStar	800	800	0	6.59	N/A	Gas	Gas
1611	Nov	12399A	Cochituate Homes	18A Interfaith Terrace	Framingham	1	NStar	800	800	0	6.58	N/A	Gas	Gas
1612	Nov	12399B	Cochituate Homes	18B Interfaith Terrace	Framingham	1	NStar	900	900	0	6.58	N/A	Gas	Gas
1613	Nov	12399C	Cochituate Homes	18C Interfaith Terrace	Framingham	1	NStar	900	900	0	6.58	N/A	Gas	Gas
1614	Nov	12399D	Cochituate Homes	18D Interfaith Terrace	Framingham	1	NStar	800	800	0	6.58	N/A	Gas	Gas
1615	Nov	12400A	Cochituate Homes	19A Interfaith Terrace	Framingham	1	NStar	800	800	0	4.72	N/A	Gas	Gas
1616	Nov	12400B	Cochituate Homes	19B Interfaith Terrace	Framingham	1	NStar	900	900	0	4.72	N/A	Gas	Gas
1617	Nov	12400C	Cochituate Homes	19C Interfaith Terrace	Framingham	1	NStar	900	900	0	4.72	N/A	Gas	Gas
1618	Nov	12400D	Cochituate Homes	19D Interfaith Terrace	Framingham	1	NStar	800	800	0	4.72	N/A	Gas	Gas
1619	Nov	12401A	Cochituate Homes	20A Interfaith Terrace	Framingham	1	NStar	800	800	0	7.96	N/A	Gas	Gas
1620	Nov	12401B	Cochituate Homes	20B Interfaith Terrace	Framingham	1	NStar	900	900	0	7.96	N/A	Gas	Gas
1621	Nov	12401C	Cochituate Homes	20C Interfaith Terrace	Framingham	1	NStar	900	900	0	7.96	N/A	Gas	Gas
1622	Nov	12401D	Cochituate Homes	20D Interfaith Terrace	Framingham	1	NStar	800	800	0	7.96	N/A	Gas	Gas
1623	Nov	12402A	Cochituate Homes	21A Interfaith Terrace	Framingham	1	NStar	800	800	0	6.68	N/A	Gas	Gas
1624	Nov	12402B	Cochituate Homes	21B Interfaith Terrace	Framingham	1	NStar	900	900	0	6.68	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel
1625	Nov	12402C	Cochituate Homes	21C Interfaith Terrace	Framingham	1	NStar	900	900	0	6.68	N/A	Gas	Gas
1626	Nov	12402D	Cochituate Homes	21D Interfaith Terrace	Framingham	1	NStar	800	800	0	6.68	N/A	Gas	Gas
1627	Nov	12404A	Cochituate Homes	23A Interfaith Terrace	Framingham	1	NStar	800	800	0	7.53	N/A	Gas	Gas
1628	Nov	12404B	Cochituate Homes	23B Interfaith Terrace	Framingham	1	NStar	1000	1000	0	7.53	N/A	Gas	Gas
1629	Nov	12404C	Cochituate Homes	23C Interfaith Terrace	Framingham	1	NStar	1000	1000	0	7.53	N/A	Gas	Gas
1630	Nov	12404D	Cochituate Homes	23D Interfaith Terrace	Framingham	1	NStar	800	800	0	7.53	N/A	Gas	Gas
1631	Nov	12407A	Cochituate Homes	24A Interfaith Terrace	Framingham	1	NStar	900	900	0	7.97	N/A	Gas	Gas
1632	Nov	12407B	Cochituate Homes	24B Interfaith Terrace	Framingham	1	NStar	1000	1000	0	7.97	N/A	Gas	Gas
1633	Nov	12407C	Cochituate Homes	24C Interfaith Terrace	Framingham	1	NStar	1000	1000	0	7.97	N/A	Gas	Gas
1634	Nov	12407D	Cochituate Homes	24D Interfaith Terrace	Framingham	1	NStar	900	900	0	7.97	N/A	Gas	Gas
1635	Nov	12408A	Cochituate Homes	25A Interfaith Terrace	Framingham	1	NStar	800	800	0	5.10	N/A	Gas	Gas
1636	Nov	12408B	Cochituate Homes	25B Interfaith Terrace	Framingham	1	NStar	900	900	0	5.10	N/A	Gas	Gas
1637	Nov	12408C	Cochituate Homes	25C Interfaith Terrace	Framingham	1	NStar	900	900	0	5.10	N/A	Gas	Gas
1638	Nov	12408D	Cochituate Homes	25D Interfaith Terrace	Framingham	1	NStar	800	800	0	5.10	N/A	Gas	Gas
1639	Nov	12409A	Cochituate Homes	26A Interfaith Terrace	Framingham	1	NStar	800	800	0	6.59	N/A	Gas	Gas
1640	Nov	12409B	Cochituate Homes	26B Interfaith Terrace	Framingham	1	NStar	900	900	0	6.59	N/A	Gas	Gas
1641	Nov	12409C	Cochituate Homes	26C Interfaith Terrace	Framingham	1	NStar	900	900	0	6.59	N/A	Gas	Gas
1642	Nov	12409D	Cochituate Homes	26D Interfaith Terrace	Framingham	1	NStar	800	800	0	6.59	N/A	Gas	Gas
1643	Nov	12410A	Cochituate Homes	27A Interfaith Terrace	Framingham	1	NStar	900	900	0	7.22	N/A	Gas	Gas
1644	Nov	12410B	Cochituate Homes	27B Interfaith Terrace	Framingham	1	NStar	1000	1000	0	7.22	N/A	Gas	Gas
1645	Nov	12410C	Cochituate Homes	27C Interfaith Terrace	Framingham	1	NStar	1000	1000	0	7.22	N/A	Gas	Gas
1646	Nov	12410D	Cochituate Homes	27D Interfaith Terrace	Framingham	1	NStar	900	900	0	7.22	N/A	Gas	Gas
1647	Nov	12411A	Cochituate Homes	28A Interfaith Terrace	Framingham	1	NStar	800	800	0	5.23	N/A	Gas	Gas
1648	Nov	12411B	Cochituate Homes	28B Interfaith Terrace	Framingham	1	NStar	1000	1000	0	5.23	N/A	Gas	Gas
1649	Nov	12411C	Cochituate Homes	28C Interfaith Terrace	Framingham	1	NStar	1000	1000	0	5.23	N/A	Gas	Gas
1650	Nov	12411D	Cochituate Homes	28D Interfaith Terrace	Framingham	1	NStar	800	800	0	5.23	N/A	Gas	Gas
1651	Nov	12414A	Cochituate Homes	29A Interfaith Terrace	Framingham	1	NStar	800	800	0	8.11	N/A	Gas	Gas
1652	Nov	12414B	Cochituate Homes	29B Interfaith Terrace	Framingham	1	NStar	1000	1000	0	8.11	N/A	Gas	Gas
1653	Nov	12414C	Cochituate Homes	29C Interfaith Terrace	Framingham	1	NStar	1000	1000	0	8.11	N/A	Gas	Gas
1654	Nov	12414D	Cochituate Homes	29D Interfaith Terrace	Framingham	1	NStar	800	800	0	8.11	N/A	Gas	Gas
1655	Nov	12416A	Cochituate Homes	30A Interfaith Terrace	Framingham	1	NStar	800	800	0	5.81	N/A	Gas	Gas
1656	Nov	12416B	Cochituate Homes	30B Interfaith Terrace	Framingham	1	NStar	900	900	0	5.81	N/A	Gas	Gas
1657	Nov	12416C	Cochituate Homes	30C Interfaith Terrace	Framingham	1	NStar	900	900	0	5.81	N/A	Gas	Gas
1658	Nov	12416D	Cochituate Homes	30D Interfaith Terrace	Framingham	1	NStar	800	800	0	5.81	N/A	Gas	Gas
1659	Nov	12417A	Cochituate Homes	31A Interfaith Terrace	Framingham	1	NStar	800	800	0	7.37	N/A	Gas	Gas
1660	Nov	12417B	Cochituate Homes	31B Interfaith Terrace	Framingham	1	NStar	900	900	0	7.37	N/A	Gas	Gas
1661	Nov	12417C	Cochituate Homes	31C Interfaith Terrace	Framingham	1	NStar	900	900	0	7.37	N/A	Gas	Gas
1662	Nov	12417D	Cochituate Homes	31D Interfaith Terrace	Framingham	1	NStar	800	800	0	7.37	N/A	Gas	Gas
1663	Nov	12418A	Cochituate Homes	32A Interfaith Terrace	Framingham	1	NStar	800	800	0	7.91	N/A	Gas	Gas
1664	Nov	12418B	Cochituate Homes	32B Interfaith Terrace	Framingham	1	NStar	900	900	0	7.91	N/A	Gas	Gas
1665	Nov	12418C	Cochituate Homes	32C Interfaith Terrace	Framingham	1	NStar	900	900	0	7.91	N/A	Gas	Gas
1666	Nov	12418D	Cochituate Homes	32D Interfaith Terrace	Framingham	1	NStar	800	800	0	7.91	N/A	Gas	Gas
1667	Nov	12420A	Cochituate Homes	33A Interfaith Terrace	Framingham	1	NStar	800	800	0	6.32	N/A	Gas	Gas
1668	Nov	12420B	Cochituate Homes	33B Interfaith Terrace	Framingham	1	NStar	900	900	0	6.32	N/A	Gas	Gas
1669	Nov	12420C	Cochituate Homes	33C Interfaith Terrace	Framingham	1	NStar	900	900	0	6.32	N/A	Gas	Gas
1670	Nov	12420D	Cochituate Homes	33D Interfaith Terrace	Framingham	1	NStar	800	800	0	6.32	N/A	Gas	Gas
1671	Nov	12422A	Cochituate Homes	34A Interfaith Terrace	Framingham	1	NStar	800	800	0	9.59	N/A	Gas	Gas
1672	Nov	12422B	Cochituate Homes	34B Interfaith Terrace	Framingham	1	NStar	900	900	0	9.59	N/A	Gas	Gas
1673	Nov	12422C	Cochituate Homes	34C Interfaith Terrace	Framingham	1	NStar	900	900	0	9.59	N/A	Gas	Gas
1674	Nov	12422D	Cochituate Homes	34D Interfaith Terrace	Framingham	1	NStar	800	800	0	9.59	N/A	Gas	Gas
1675	Nov	12423A	Cochituate Homes	35A Interfaith Terrace	Framingham	1	NStar	800	800	0	8.21	N/A	Gas	Gas
1676	Nov	12423B	Cochituate Homes	35B Interfaith Terrace	Framingham	1	NStar	900	900	0	8.21	N/A	Gas	Gas
1677	Nov	12423C	Cochituate Homes	35C Interfaith Terrace	Framingham	1	NStar	900	900	0	8.21	N/A	Gas	Gas
1678	Nov	12423D	Cochituate Homes	35D Interfaith Terrace	Framingham	1	NStar	800	800	0	8.21	N/A	Gas	Gas
1679	Nov	12425A	Cochituate Homes	36A Interfaith Terrace	Framingham	1	NStar	800	800	0	5.57	N/A	Gas	Gas
1680	Nov	12425B	Cochituate Homes	36B Interfaith Terrace	Framingham	1	NStar	900	900	0	5.57	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ unit	Heating Fuel	Hot Water Fuel
1681	Nov	12425C	Cochituate Homes	36C Interfaith Terrace	Framingham	1	NStar	900	900	0	5.57	N/A	Gas	Gas
1682	Nov	12425D	Cochituate Homes	36D Interfaith Terrace	Framingham	1	NStar	800	800	0	5.57	N/A	Gas	Gas
1683	Nov	12515	Duncklee Avenue	79, 80, 81, 82 Duncklee Ave - A	Stoneham	40	NStar	18816	18816	3764	16.00	N/A	Electric	Electric
1684	Nov	12517	Duncklee Avenue	77-78 Duncklee Ave - B	Stoneham	20	NStar	10600	10600	2120	16.00	N/A	Electric	Electric
1685	Nov	12518	Duncklee Avenue	73 - 76 Duncklee Ave - C	Stoneham	40	NStar	18816	18816	3764	16.00	N/A	Electric	Electric
1686	Nov	12519	Duncklee Avenue	Community Building	Stoneham	1	NStar	3164	3164	3114	16.00	N/A	Electric	Electric
1687	Nov	7509	First Church Shelter	11 Garden Street	Cambridge	1	NStar	40360	40360	37315	4.70	N/A	Gas	Gas
1688	Nov	12504A	FRM - 8-10 Webster	8 Webster St	Framingham	1	NStar	1758	1138	620	2.87	N/A	Gas	Gas
1689	Nov	12504B	FRM - 8-10 Webster	10 Webster St	Framingham	1	NStar	2952	2332	620	2.87	N/A	Gas	Gas
1690	Nov	11095	Gerrish Street Residence	34 Gerrish Street	Boston	4	NStar	1610	810	1010	7.28	N/A	Gas	Gas
1691	Nov	11156	Harbor Inn CBFS	54 Pinckney St	Somerville	9	NStar	4100	3300	3020	7.90	N/A	Gas	Gas
1692	Nov	11137	Hewlett St. Residence	26 Hewlett St	Roslindale	7	NStar	6000	4900	5020	4.42	N/A	Gas	Gas
1693	Nov	11158	Highview House	37-39 High View Ave	Boston	7	NStar	4375	3475	3430	4.97	N/A	Gas	Gas
1694	Nov	12348	Hixson Farm Road	26 Hixson Farm Rd	Sharon	24	NStar	22400	22400	4480	11.93	N/A	Electric	Electric
1695	Nov	4631	Lexington Gardens - Bricks	Lexington Street - 1	Watertown	4	NStar	5376	3584	1792	2.21	N/A	Gas	Electric
1696	Nov	4634	Lexington Gardens - Bricks	Philip Darch Road - 2	Watertown	4	NStar	5376	3584	1792	2.98	N/A	Gas	Electric
1697	Nov	7023	Lexington Gardens - Bricks	Philip Darch Road - 3	Watertown	4	NStar	5376	3584	1792	2.13	N/A	Gas	Electric
1698	Nov	7024	Lexington Gardens - Bricks	Philip Darch Road - 4	Watertown	4	NStar	5240	3584	1656	2.57	N/A	Gas	Electric
1699	Nov	7025	Lexington Gardens - Bricks	Philip Darch Road - 5	Watertown	4	NStar	5240	3584	1656	2.67	N/A	Gas	Electric
1700	Nov	7026	Lexington Gardens - Bricks	Lexington Street - 6	Watertown	4	NStar	5376	3584	1792	2.59	N/A	Gas	Electric
1701	Nov	12574	Lexington Gardens - Woods	Philip Darch 14	Watertown	8	NStar	10065	6753	3312	3.56	N/A	Gas	Gas
1702	Nov	12575	Lexington Gardens - Woods	Philip Darch Rd - 15	Watertown	8	NStar	7920	4608	3312	3.09	N/A	Gas	Gas
1703	Nov	12576	Lexington Gardens - Woods	Philip Darch Rd - 16	Watertown	8	NStar	7920	4608	3312	4.35	N/A	Gas	Gas
1704	Nov	12578	Lexington Gardens - Woods	Philip Darch Rd - 18	Watertown	4	NStar	4920	3264	1656	2.85	N/A	Gas	Gas
1705	Nov	12593	Lexington Gardens - Woods	7 Lexington St	Watertown	6	NStar	7782	5990	2790	4.24	N/A	Gas	Gas
1706	Nov	12597	Lexington Gardens - Woods	Robert Ford Rd - 31	Watertown	6	NStar	7582	4992	2590	4.61	N/A	Gas	Gas
1707	Nov	12598	Lexington Gardens - Woods	Robert Ford Rd - 30	Watertown	8	NStar	8014	4608	3406	5.54	N/A	Gas	Gas
1708	Nov	12599	Lexington Gardens - Woods	Robert Ford Rd - 9	Watertown	12	NStar	14184	9216	4968	3.42	N/A	Gas	Gas
1709	Nov	12600	Lexington Gardens - Woods	Robert Ford Rd - 29	Watertown	4	NStar	4989	3264	1725	4.03	N/A	Gas	Gas
1710	Nov	12601	Lexington Gardens - Woods	Robert Ford Rd - 10	Watertown	4	NStar	4989	3264	1725	4.51	N/A	Gas	Gas
1711	Nov	12603	Lexington Gardens - Woods	Robert Ford Rd - 28	Watertown	4	NStar	4920	3264	1656	5.36	N/A	Gas	Gas
1712	Nov	12006	Mishawum Park	3-55 Dunstable St	Boston	37	NStar	45029	45029	0	6.61	N/A	Gas	Gas
1713	Nov	12008	Mishawum Park	274-280 Main St	Boston	7	NStar	8519	8519	0	5.93	N/A	Gas	Gas
1714	Nov	12009	Mishawum Park	1-43 Tibbetts Town Way	Boston	29	NStar	35293	35293	0	6.21	N/A	Gas	Gas
1715	Nov	12010	Mishawum Park	2-60 Dunstable St	Boston	44	NStar	53548	53548	0	6.86	N/A	Gas	Gas
1716	Nov	12011	Mishawum Park	310-320 Main St	Boston	6	NStar	11684	11684	4382	3.63	N/A	Gas	Gas
1717	Nov	12012	Mishawum Park	2-34 Tibbetts Town Way	Boston	28	NStar	34076	34076	0	6.00	N/A	Gas	Gas
1718	Nov	12014	Mishawum Park	70-106 Dunstable St	Boston	31	NStar	37727	37727	0	6.74	N/A	Gas	Gas
1719	Nov	12015	Mishawum Park	5-17 Phipps St	Boston	12	NStar	14604	14604	0	5.03	N/A	Gas	Gas
1720	Nov	12016	Mishawum Park	216-232 Main St	Boston	17	NStar	20689	20689	0	4.74	N/A	Gas	Gas
1721	Nov	12018	Mishawum Park	290-300 Main St	Boston	11	NStar	13387	13387	0	5.37	N/A	Gas	Gas
1722	Nov	12019	Mishawum Park	3-5 W School St	Boston	4	NStar	4868	4868	0	3.98	N/A	Gas	Gas
1723	Nov	12023	Mishawum Park	65-91 Dunstable St	Boston	21	NStar	25557	25557	0	7.56	N/A	Gas	Gas
1724	Nov	11352	Mt Pleasant Apartments	2 Waverly St	Boston	61	NStar	74014	64014	27453	1.72	4.63	Oil	Oil
1725	Nov	6303	Neponset Field	29 Neponset Field Lane	Hyde Park	31	NStar	27894	27894	11216	N/A	11.32	Gas	Gas
1726	Nov	7104A	New Grove St	326 Grove St	Waltham	1	NStar	542	542	108	10.10	N/A	Gas	Gas
1727	Nov	7104B	New Grove St	328 Grove St	Waltham	1	NStar	814	814	163	10.10	N/A	Gas	Gas
1728	Nov	7105A	New Grove St	330 Grove St	Waltham	1	NStar	542	542	108	5.08	N/A	Gas	Gas
1729	Nov	7105B	New Grove St	332 Grove St	Waltham	1	NStar	814	814	163	5.08	N/A	Gas	Gas
1730	Nov	7106A	New Grove St	340 Grove St	Waltham	1	NStar	678	678	136	16.00	N/A	Gas	Gas
1731	Nov	7106B	New Grove St	338 Grove St	Waltham	1	NStar	678	678	136	16.00	N/A	Gas	Gas
1732	Nov	7107A	New Grove St	336 Grove St	Waltham	1	NStar	678	678	136	8.47	N/A	Gas	Gas
1733	Nov	7107B	New Grove St	334 Grove St	Waltham	1	NStar	678	678	136	8.47	N/A	Gas	Gas
1734	Nov	10575	NOAH	77 Winter St	Barnstable	60	NStar	10612	7064	7686	3.54	N/A	Gas	Gas
1735	Nov	11153	Northville CBFS	146-148 North St	Somerville	6	NStar	3500	3500	2660	6.29	N/A	Gas	Gas
1736	Nov	7701	Ocean Shores	1209 Ocean St.	Marshfield	97	NStar	109378	109378	32248	N/A	9.71	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ sq ft	kWh/ heating ft2	Heating Fuel	Hot Water Fuel#2
1737	Nov	12557A	Pine Knoll	2 Arnold Rd	Norfolk	1	NStar	994	994	0	5.52	N/A	Oil	Oil
1738	Nov	12557B	Pine Knoll	4 Arnold Rd	Norfolk	1	NStar	1492	1492	0	5.52	N/A	Oil	Oil
1739	Nov	12558A	Pine Knoll	6 Arnold Rd	Norfolk	1	NStar	1134	1134	0	2.34	N/A	Oil	Oil
1740	Nov	12558B	Pine Knoll	8 Arnold Rd	Norfolk	1	NStar	1702	1702	0	2.34	N/A	Oil	Oil
1741	Nov	12559A	Pine Knoll	10 Arnold Rd	Norfolk	1	NStar	1573	1573	0	4.36	N/A	Oil	Oil
1742	Nov	12559B	Pine Knoll	12 Arnold Rd	Norfolk	1	NStar	1573	1573	0	4.36	N/A	Oil	Oil
1743	Nov	12560A	Pine Knoll	14 Arnold Rd	Norfolk	1	NStar	1418	1418	0	2.15	N/A	Oil	Oil
1744	Nov	12560B	Pine Knoll	16 Arnold Rd	Norfolk	1	NStar	1418	1418	0	2.15	N/A	Oil	Oil
1745	Nov	12562A	Pine Knoll	26 Arnold Rd	Norfolk	1	NStar	1134	1134	0	5.42	N/A	Oil	Oil
1746	Nov	12562B	Pine Knoll	28 Arnold Rd	Norfolk	1	NStar	1702	1702	0	5.42	N/A	Oil	Oil
1747	Nov	12564A	Pine Knoll	29 Arnold Rd	Norfolk	1	NStar	1134	1134	0	4.92	N/A	Oil	Oil
1748	Nov	12564B	Pine Knoll	31 Arnold Rd	Norfolk	1	NStar	1702	1702	0	4.92	N/A	Oil	Oil
1749	Nov	12565A	Pine Knoll	36 Arnold Rd	Norfolk	1	NStar	1144	1144	0	7.35	N/A	Oil	Oil
1750	Nov	12565B	Pine Knoll	38 Arnold Rd	Norfolk	1	NStar	1144	1144	0	7.35	N/A	Oil	Oil
1751	Nov	12520A	Scattered Site	92 S Main St A	Natick	1	NStar	1364	914	450	5.06	N/A	Gas	Gas
1752	Nov	12520B	Scattered Site	92 S Main St B	Natick	1	NStar	1364	914	450	5.06	N/A	Gas	Gas
1753	Nov	12556A	Scattered Site	1 Westview Ave A	Natick	1	NStar	1336	1336	440	5.60	N/A	Oil	Oil
1754	Nov	12556B	Scattered Site	1 Westview Ave B	Natick	1	NStar	2004	2004	660	5.60	N/A	Oil	Oil
1755	Nov	12521A	School St	5 School St	Natick	1	NStar	851	851	0	6.32	N/A	Gas	Gas
1756	Nov	12521B	School St	7 School St	Natick	1	NStar	851	851	0	6.32	N/A	Gas	Gas
1757	Nov	12522A	School St	9 School St	Natick	1	NStar	851	851	0	7.81	N/A	Gas	Gas
1758	Nov	12522B	School St	11 School St	Natick	1	NStar	851	851	0	7.81	N/A	Gas	Gas
1759	Nov	12524A	School St	8 Webster St	Natick	1	NStar	1560	1560	0	4.40	N/A	Gas	Gas
1760	Nov	12523A	School St	13 School St	Natick	1	NStar	851	851	0	11.00	N/A	Gas	Gas
1761	Nov	12524B	School St	17 School St Ext	Natick	1	NStar	814	814	0	4.40	N/A	Gas	Gas
1762	Nov	12523B	School St	15 School St	Natick	1	NStar	851	851	0	11.00	N/A	Gas	Gas
1763	Nov	8659	South Cove Plaza	230 Stuart Street	Boston	142	NStar	139560	120790	36870	8.68	N/A	Gas	Gas
1764	Nov	8660	South Cove Plaza	285 Tremont St	Boston	89	NStar	84050	72500	20115	8.82	N/A	Gas	Gas
1765	Nov	12566A	South St 705	288 South St	Waltham	1	NStar	840	840	280	7.11	N/A	Gas	Gas
1766	Nov	12566B	South St 705	290 South St	Waltham	1	NStar	840	840	280	7.11	N/A	Gas	Gas
1767	Nov	12567A	South St 705	292 South St	Waltham	1	NStar	840	840	280	9.37	N/A	Gas	Gas
1768	Nov	12567B	South St 705	294 South St	Waltham	1	NStar	840	840	280	9.37	N/A	Gas	Gas
1769	Nov	11085	Standish House CBFS	6 Fuller St	Carver	8	NStar	4700	4700	3740	5.85	N/A	Gas	Gas
1770	Nov	10924	Swan Pond Village	Building 1	Yarmouth	11	NStar	12113	11597	1732	N/A	4.30	Gas	Gas
1771	Nov	12490	Swan Pond Village	Building 2	Yarmouth	6	NStar	4692	4392	636	N/A	9.24	Gas	Gas
1772	Nov	12491	Swan Pond Village	Building 3	Yarmouth	5	NStar	5008	5008	368	N/A	9.24	Gas	Gas
1773	Nov	12493	Swan Pond Village	Building 4	Yarmouth	10	NStar	9456	9156	1014	N/A	6.63	Gas	Gas
1774	Nov	12495	Swan Pond Village	Building 5	Yarmouth	9	NStar	10126	9726	2612	N/A	2.10	Gas	Gas
1775	Nov	12497	Swan Pond Village	Building 6	Yarmouth	5	NStar	7251	7251	926	N/A	4.71	Gas	Gas
1776	Nov	12498	Swan Pond Village	Building 7	Yarmouth	6	NStar	5655	5355	856	N/A	4.71	Gas	Gas
1777	Nov	12499	Swan Pond Village	Building 8	Yarmouth	8	NStar	7488	7088	1170	N/A	4.96	Gas	Gas
1778	Nov	12500	Swan Pond Village	Building 9	Yarmouth	8	NStar	7228	6828	979	N/A	6.16	Gas	Gas
1779	Nov	12501	Swan Pond Village	Building 10	Yarmouth	6	NStar	5245	4945	852	N/A	7.89	Gas	Gas
1780	Nov	12502	Swan Pond Village	Building 11	Yarmouth	5	NStar	7276	7276	813	N/A	7.89	Gas	Gas
1781	Nov	12503	Swan Pond Village	Building 12	Yarmouth	9	NStar	8780	8480	1197	N/A	5.29	Gas	Gas
1782	Nov	12505	Swan Pond Village	Building 13	Yarmouth	13	NStar	11664	11136	1613	N/A	5.47	Gas	Gas
1783	Nov	12506	Swan Pond Village	Building 14	Yarmouth	12	NStar	9307	8779	1195	N/A	5.34	Gas	Gas
1784	Nov	12507	Swan Pond Village	Building 15	Yarmouth	10	NStar	11107	10707	2527	N/A	1.77	Gas	Gas
1785	Nov	12508	Swan Pond Village	Building 16	Yarmouth	5	NStar	7251	7251	926	N/A	6.01	Gas	Gas
1786	Nov	12513	Swan Pond Village	Building 17	Yarmouth	6	NStar	5245	4945	852	N/A	6.01	Gas	Gas
1787	Nov	12514	Swan Pond Village	Building 18	Yarmouth	16	NStar	14274	13874	2044	N/A	5.42	Gas	Gas
1788	Nov	12516	Swan Pond Village	Building 19 (Management Office)	Yarmouth	1	NStar	3434	3434	3384	7.79	N/A	Gas	Gas
1789	Nov	1632	TILL	11 Congress Avenue	Chelsea	23	NStar	43138	43138	22503	N/A	5.14	Gas	Gas
1790	Nov	3226	Village Court	1 Acushnet Road	Mattapoisett	52	NStar	37000	37000	11000	10.23	N/A	Gas	Gas
1791	Nov	12525A	West Hill Park	2 West Hill Park	Natick	1	NStar	699	699	0	10.40	N/A	Gas	Gas
1792	Nov	12525B	West Hill Park	4 West Hill Park	Natick	1	NStar	699	699	0	10.40	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel
1793	Nov	12525C	West Hill Park	6 West Hill Park	Natick	1	NStar	699	699	0	10.40	N/A	Gas	Gas
1794	Nov	12525D	West Hill Park	8 West Hill Park	Natick	1	NStar	699	699	0	10.40	N/A	Gas	Gas
1795	Nov	12526A	West Hill Park	10 West Hill Park	Natick	1	NStar	699	699	0	10.30	N/A	Gas	Gas
1796	Nov	12526B	West Hill Park	12 West Hill Park	Natick	1	NStar	699	699	0	10.30	N/A	Gas	Gas
1797	Nov	12526C	West Hill Park	14 West Hill Park	Natick	1	NStar	699	699	0	10.30	N/A	Gas	Gas
1798	Nov	12526D	West Hill Park	16 West Hill Park	Natick	1	NStar	699	699	0	10.30	N/A	Gas	Gas
1799	Nov	12527A	West Hill Park	1 West Hill Pk	Natick	1	NStar	870	870	0	7.48	N/A	Gas	Gas
1800	Nov	12528B	West Hill Park	3 West Hill Pk	Natick	1	NStar	870	870	0	7.48	N/A	Gas	Gas
1801	Nov	12528F	West Hill Park	11 West Hill Pk	Natick	1	NStar	870	870	0	7.48	N/A	Gas	Gas
1802	Dec	3518A	Pelham II	103A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.90	N/A	Gas	Gas
1803	Dec	3518B	Pelham II	103B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.90	N/A	Gas	Gas
1804	Dec	3518C	Pelham II	105A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.90	N/A	Gas	Gas
1805	Dec	3518D	Pelham II	105B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.90	N/A	Gas	Gas
1806	Dec	3518E	Pelham II	107A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.90	N/A	Gas	Gas
1807	Dec	3518F	Pelham II	107B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.90	N/A	Gas	Gas
1808	Dec	3513A	Pelham II	10A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.33	N/A	Gas	Gas
1809	Dec	3513B	Pelham II	10B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.33	N/A	Gas	Gas
1810	Dec	3188A	Pelham II	11A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.77	N/A	Gas	Gas
1811	Dec	3188B	Pelham II	11B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.77	N/A	Gas	Gas
1812	Dec	3190A	Pelham II	12A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	4.31	N/A	Gas	Gas
1813	Dec	3190B	Pelham II	12B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	4.31	N/A	Gas	Gas
1814	Dec	3188C	Pelham II	13A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.77	N/A	Gas	Gas
1815	Dec	3188D	Pelham II	13B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.77	N/A	Gas	Gas
1816	Dec	3190C	Pelham II	14A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.31	N/A	Gas	Gas
1817	Dec	3190D	Pelham II	14B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.31	N/A	Gas	Gas
1818	Dec	3190E	Pelham II	14C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.31	N/A	Gas	Gas
1819	Dec	3190F	Pelham II	14D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.31	N/A	Gas	Gas
1820	Dec	3188E	Pelham II	15A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.77	N/A	Gas	Gas
1821	Dec	3188F	Pelham II	15B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.77	N/A	Gas	Gas
1822	Dec	3190G	Pelham II	16A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.31	N/A	Gas	Gas
1823	Dec	3190H	Pelham II	16B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.31	N/A	Gas	Gas
1824	Dec	3190I	Pelham II	16C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.31	N/A	Gas	Gas
1825	Dec	3190J	Pelham II	16D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.31	N/A	Gas	Gas
1826	Dec	3506A	Pelham II	17A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.16	N/A	Gas	Gas
1827	Dec	3506B	Pelham II	17B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.16	N/A	Gas	Gas
1828	Dec	3190K	Pelham II	18A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	4.31	N/A	Gas	Gas
1829	Dec	3190L	Pelham II	18B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	4.31	N/A	Gas	Gas
1830	Dec	3506C	Pelham II	19A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.16	N/A	Gas	Gas
1831	Dec	3506D	Pelham II	19B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.16	N/A	Gas	Gas
1832	Dec	3185A	Pelham II	1A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.59	N/A	Gas	Gas
1833	Dec	3185B	Pelham II	1B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.59	N/A	Gas	Gas
1834	Dec	3515A	Pelham II	20A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	3.41	N/A	Gas	Gas
1835	Dec	3515B	Pelham II	20B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	3.41	N/A	Gas	Gas
1836	Dec	3506E	Pelham II	21A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.16	N/A	Gas	Gas
1837	Dec	3506F	Pelham II	21B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.16	N/A	Gas	Gas
1838	Dec	3515C	Pelham II	22A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.41	N/A	Gas	Gas
1839	Dec	3515D	Pelham II	22B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.41	N/A	Gas	Gas
1840	Dec	3515E	Pelham II	22C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.41	N/A	Gas	Gas
1841	Dec	3515F	Pelham II	22D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.41	N/A	Gas	Gas
1842	Dec	3506G	Pelham II	23A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.16	N/A	Gas	Gas
1843	Dec	3506H	Pelham II	23B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.16	N/A	Gas	Gas
1844	Dec	3515G	Pelham II	24A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.41	N/A	Gas	Gas
1845	Dec	3515H	Pelham II	24B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.41	N/A	Gas	Gas
1846	Dec	3515I	Pelham II	24C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.41	N/A	Gas	Gas
1847	Dec	3515J	Pelham II	24D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.41	N/A	Gas	Gas
1848	Dec	3507A	Pelham II	25A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.95	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel
1849	Dec	3507B	Pelham II	25B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.95	N/A	Gas	Gas
1850	Dec	3515K	Pelham II	26A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	3.41	N/A	Gas	Gas
1851	Dec	3189A	Pelham II	26A Second Street	Framingham	1	Nstar	850	850	0	6.13	N/A	Gas	Gas
1852	Dec	3515L	Pelham II	26B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	3.41	N/A	Gas	Gas
1853	Dec	3189B	Pelham II	26B Second Street	Framingham	1	Nstar	850	850	0	6.13	N/A	Gas	Gas
1854	Dec	3507C	Pelham II	27A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.95	N/A	Gas	Gas
1855	Dec	3507D	Pelham II	27B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.95	N/A	Gas	Gas
1856	Dec	3516A	Pelham II	28A Beaver Terrace Circle	Framingham		Nstar	850	850	0	3.68	N/A	Gas	Gas
1857	Dec	3189C	Pelham II	28A Second Street	Framingham	1	Nstar	1050	1050	0	6.13	N/A	Gas	Gas
1858	Dec	3516B	Pelham II	28B Beaver Terrace Circle	Framingham		Nstar	850	850	0	3.68	N/A	Gas	Gas
1859	Dec	3189D	Pelham II	28B Second Street	Framingham	1	Nstar	1050	1050	0	6.13	N/A	Gas	Gas
1860	Dec	3507E	Pelham II	29A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.95	N/A	Gas	Gas
1861	Dec	3507F	Pelham II	29B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.95	N/A	Gas	Gas
1862	Dec	3191A	Pelham II	2A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.45	N/A	Gas	Gas
1863	Dec	3191B	Pelham II	2B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.45	N/A	Gas	Gas
1864	Dec	3516C	Pelham II	30A Beaver Terrace Circle	Framingham		Nstar	690	690	0	3.68	N/A	Gas	Gas
1865	Dec	3189E	Pelham II	30A Second Street	Framingham	1	Nstar	1050	1050	0	6.13	N/A	Gas	Gas
1866	Dec	3516D	Pelham II	30B Beaver Terrace Circle	Framingham		Nstar	690	690	0	3.68	N/A	Gas	Gas
1867	Dec	3189F	Pelham II	30B Second Street	Framingham	1	Nstar	1050	1050	0	6.13	N/A	Gas	Gas
1868	Dec	3516E	Pelham II	30C Beaver Terrace Circle	Framingham		Nstar	690	690	0	3.68	N/A	Gas	Gas
1869	Dec	3516F	Pelham II	30D Beaver Terrace Circle	Framingham		Nstar	690	690	0	3.68	N/A	Gas	Gas
1870	Dec	3507G	Pelham II	31A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.95	N/A	Gas	Gas
1871	Dec	3507H	Pelham II	31B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.95	N/A	Gas	Gas
1872	Dec	3516G	Pelham II	32A Beaver Terrace Circle	Framingham		Nstar	690	690	0	3.68	N/A	Gas	Gas
1873	Dec	3189G	Pelham II	32A Second Street	Framingham	1	Nstar	850	850	0	6.13	N/A	Gas	Gas
1874	Dec	3516H	Pelham II	32B Beaver Terrace Circle	Framingham		Nstar	690	690	0	3.68	N/A	Gas	Gas
1875	Dec	3189H	Pelham II	32B Second Street	Framingham	1	Nstar	850	850	0	6.13	N/A	Gas	Gas
1876	Dec	3516I	Pelham II	32C Beaver Terrace Circle	Framingham		Nstar	690	690	0	3.68	N/A	Gas	Gas
1877	Dec	3516J	Pelham II	32D Beaver Terrace Circle	Framingham		Nstar	690	690	0	3.68	N/A	Gas	Gas
1878	Dec	3508A	Pelham II	33A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.58	N/A	Gas	Gas
1879	Dec	3508B	Pelham II	33B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.58	N/A	Gas	Gas
1880	Dec	3516K	Pelham II	34A Beaver Terrace Circle	Framingham		Nstar	850	850	0	3.68	N/A	Gas	Gas
1881	Dec	3191C	Pelham II	34A Second Street	Framingham	1	Nstar	1050	1050	0	5.45	N/A	Gas	Gas
1882	Dec	3516L	Pelham II	34B Beaver Terrace Circle	Framingham		Nstar	850	850	0	3.68	N/A	Gas	Gas
1883	Dec	3191D	Pelham II	34B Second Street	Framingham	1	Nstar	1050	1050	0	5.45	N/A	Gas	Gas
1884	Dec	3508C	Pelham II	35A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.58	N/A	Gas	Gas
1885	Dec	3508D	Pelham II	35B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.58	N/A	Gas	Gas
1886	Dec	3512A	Pelham II	36A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.66	N/A	Gas	Gas
1887	Dec	3191E	Pelham II	36A Second Street	Framingham	1	Nstar	1050	1050	0	5.45	N/A	Gas	Gas
1888	Dec	3512B	Pelham II	36B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.66	N/A	Gas	Gas
1889	Dec	3191F	Pelham II	36B Second Street	Framingham	1	Nstar	1050	1050	0	5.45	N/A	Gas	Gas
1890	Dec	3508E	Pelham II	37A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.58	N/A	Gas	Gas
1891	Dec	3508F	Pelham II	37B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.58	N/A	Gas	Gas
1892	Dec	3512C	Pelham II	38A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.66	N/A	Gas	Gas
1893	Dec	3514A	Pelham II	38A Second Street	Framingham	1	Nstar	850	850	0	7.17	N/A	Gas	Gas
1894	Dec	3512D	Pelham II	38B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.66	N/A	Gas	Gas
1895	Dec	3514B	Pelham II	38B Second Street	Framingham	1	Nstar	850	850	0	7.17	N/A	Gas	Gas
1896	Dec	3508G	Pelham II	39A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.58	N/A	Gas	Gas
1897	Dec	3508H	Pelham II	39B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.58	N/A	Gas	Gas
1898	Dec	3185C	Pelham II	3A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.59	N/A	Gas	Gas
1899	Dec	3185D	Pelham II	3B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.59	N/A	Gas	Gas
1900	Dec	3512E	Pelham II	40A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.66	N/A	Gas	Gas
1901	Dec	3514C	Pelham II	40A Second Street	Framingham	1	Nstar	1050	1050	0	7.17	N/A	Gas	Gas
1902	Dec	3512F	Pelham II	40B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.66	N/A	Gas	Gas
1903	Dec	3514D	Pelham II	40B Second Street	Framingham	1	Nstar	1050	1050	0	7.17	N/A	Gas	Gas
1904	Dec	3509A	Pelham II	41A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.74	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel
1905	Dec	3509B	Pelham II	41B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.74	N/A	Gas	Gas
1906	Dec	3512G	Pelham II	42A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.66	N/A	Gas	Gas
1907	Dec	3514E	Pelham II	42A Second Street	Framingham	1	Nstar	1050	1050	0	7.17	N/A	Gas	Gas
1908	Dec	3512H	Pelham II	42B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.66	N/A	Gas	Gas
1909	Dec	3514F	Pelham II	42B Second Street	Framingham	1	Nstar	1050	1050	0	7.17	N/A	Gas	Gas
1910	Dec	3509C	Pelham II	43A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.74	N/A	Gas	Gas
1911	Dec	3509D	Pelham II	43B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.74	N/A	Gas	Gas
1912	Dec	3520A	Pelham II	44A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	4.74	N/A	Gas	Gas
1913	Dec	3514G	Pelham II	44A Second Street	Framingham	1	Nstar	850	850	0	7.17	N/A	Gas	Gas
1914	Dec	3520B	Pelham II	44B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	4.74	N/A	Gas	Gas
1915	Dec	3514H	Pelham II	44B Second Street	Framingham	1	Nstar	850	850	0	7.17	N/A	Gas	Gas
1916	Dec	3509E	Pelham II	45A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.74	N/A	Gas	Gas
1917	Dec	3509F	Pelham II	45B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	6.74	N/A	Gas	Gas
1918	Dec	3520C	Pelham II	46A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	4.74	N/A	Gas	Gas
1919	Dec	3194A	Pelham II	46A Second Street	Framingham	1	Nstar	850	850	0	4.66	N/A	Gas	Gas
1920	Dec	3520D	Pelham II	46B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	4.74	N/A	Gas	Gas
1921	Dec	3194B	Pelham II	46B Second Street	Framingham	1	Nstar	850	850	0	4.66	N/A	Gas	Gas
1922	Dec	3509G	Pelham II	47A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.74	N/A	Gas	Gas
1923	Dec	3509H	Pelham II	47B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.74	N/A	Gas	Gas
1924	Dec	3520E	Pelham II	48A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	4.74	N/A	Gas	Gas
1925	Dec	3194C	Pelham II	48A Second Street	Framingham	1	Nstar	1050	1050	0	4.66	N/A	Gas	Gas
1926	Dec	3520F	Pelham II	48B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	4.74	N/A	Gas	Gas
1927	Dec	3194D	Pelham II	48B Second Street	Framingham	1	Nstar	1050	1050	0	4.66	N/A	Gas	Gas
1928	Dec	3513C	Pelham II	4A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.33	N/A	Gas	Gas
1929	Dec	3513D	Pelham II	4B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.33	N/A	Gas	Gas
1930	Dec	3194E	Pelham II	50A Second Street	Framingham	1	Nstar	1050	1050	0	4.66	N/A	Gas	Gas
1931	Dec	3194F	Pelham II	50B Second Street	Framingham	1	Nstar	1050	1050	0	4.66	N/A	Gas	Gas
1932	Dec	3194G	Pelham II	52A Second Street	Framingham	1	Nstar	850	850	0	4.66	N/A	Gas	Gas
1933	Dec	3194H	Pelham II	52B Second Street	Framingham	1	Nstar	850	850	0	4.66	N/A	Gas	Gas
1934	Dec	3194I	Pelham II	54A Second Street	Framingham	1	Nstar	690	690	0	4.66	N/A	Gas	Gas
1935	Dec	3194J	Pelham II	54B Second Street	Framingham	1	Nstar	690	690	0	4.66	N/A	Gas	Gas
1936	Dec	3194K	Pelham II	54C Second Street	Framingham	1	Nstar	690	690	0	4.66	N/A	Gas	Gas
1937	Dec	3194L	Pelham II	54D Second Street	Framingham	1	Nstar	690	690	0	4.66	N/A	Gas	Gas
1938	Dec	3194M	Pelham II	56A Second Street	Framingham	1	Nstar	850	850	0	4.66	N/A	Gas	Gas
1939	Dec	3194N	Pelham II	56B Second Street	Framingham	1	Nstar	850	850	0	4.66	N/A	Gas	Gas
1940	Dec	3511A	Pelham II	57A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.95	N/A	Gas	Gas
1941	Dec	3511B	Pelham II	57B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.95	N/A	Gas	Gas
1942	Dec	3194O	Pelham II	58A Second Street	Framingham	1	Nstar	1050	1050	0	4.66	N/A	Gas	Gas
1943	Dec	3194P	Pelham II	58B Second Street	Framingham	1	Nstar	1050	1050	0	4.66	N/A	Gas	Gas
1944	Dec	3511C	Pelham II	59A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.95	N/A	Gas	Gas
1945	Dec	3511D	Pelham II	59B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.95	N/A	Gas	Gas
1946	Dec	3185E	Pelham II	5A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.59	N/A	Gas	Gas
1947	Dec	3185F	Pelham II	5B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.59	N/A	Gas	Gas
1948	Dec	3194Q	Pelham II	60A Second Street	Framingham	1	Nstar	1050	1050	0	4.66	N/A	Gas	Gas
1949	Dec	3194R	Pelham II	60B Second Street	Framingham	1	Nstar	1050	1050	0	4.66	N/A	Gas	Gas
1950	Dec	3511E	Pelham II	61A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.95	N/A	Gas	Gas
1951	Dec	3511F	Pelham II	61B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.95	N/A	Gas	Gas
1952	Dec	3194S	Pelham II	62A Second Street	Framingham	1	Nstar	850	850	0	4.66	N/A	Gas	Gas
1953	Dec	3194T	Pelham II	62B Second Street	Framingham	1	Nstar	850	850	0	4.66	N/A	Gas	Gas
1954	Dec	3511G	Pelham II	63A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.95	N/A	Gas	Gas
1955	Dec	3511H	Pelham II	63B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.95	N/A	Gas	Gas
1956	Dec	3520G	Pelham II	64A Second Street	Framingham	1	Nstar	850	850	0	4.74	N/A	Gas	Gas
1957	Dec	3520H	Pelham II	64B Second Street	Framingham	1	Nstar	850	850	0	4.74	N/A	Gas	Gas
1958	Dec	3517A	Pelham II	65A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	4.32	N/A	Gas	Gas
1959	Dec	3517B	Pelham II	65B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	4.32	N/A	Gas	Gas
1960	Dec	3520I	Pelham II	66A Second Street	Framingham	1	Nstar	1050	1050	0	4.74	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel#2
1961	Dec	3520J	Pelham II	66B Second Street	Framingham	1	Nstar	1050	1050	0	4.74	N/A	Gas	Gas
1962	Dec	3517C	Pelham II	67A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.32	N/A	Gas	Gas
1963	Dec	3517D	Pelham II	67B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.32	N/A	Gas	Gas
1964	Dec	3517E	Pelham II	67C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.32	N/A	Gas	Gas
1965	Dec	3517F	Pelham II	67D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.32	N/A	Gas	Gas
1966	Dec	3520K	Pelham II	68A Second Street	Framingham	1	Nstar	1050	1050	0	4.74	N/A	Gas	Gas
1967	Dec	3520L	Pelham II	68B Second Street	Framingham	1	Nstar	1050	1050	0	4.74	N/A	Gas	Gas
1968	Dec	3517G	Pelham II	69A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.32	N/A	Gas	Gas
1969	Dec	3517H	Pelham II	69B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.32	N/A	Gas	Gas
1970	Dec	3517I	Pelham II	69C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.32	N/A	Gas	Gas
1971	Dec	3517J	Pelham II	69D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.32	N/A	Gas	Gas
1972	Dec	3513E	Pelham II	6A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.33	N/A	Gas	Gas
1973	Dec	3513F	Pelham II	6B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.33	N/A	Gas	Gas
1974	Dec	3520M	Pelham II	70A Second Street	Framingham	1	Nstar	850	850	0	4.74	N/A	Gas	Gas
1975	Dec	3520N	Pelham II	70B Second Street	Framingham	1	Nstar	850	850	0	4.74	N/A	Gas	Gas
1976	Dec	3517K	Pelham II	71A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	4.32	N/A	Gas	Gas
1977	Dec	3517L	Pelham II	71B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	4.32	N/A	Gas	Gas
1978	Dec	3520O	Pelham II	72A Second Street	Framingham	1	Nstar	690	690	0	4.74	N/A	Gas	Gas
1979	Dec	3520P	Pelham II	72B Second Street	Framingham	1	Nstar	690	690	0	4.74	N/A	Gas	Gas
1980	Dec	3520Q	Pelham II	72C Second Street	Framingham	1	Nstar	690	690	0	4.74	N/A	Gas	Gas
1981	Dec	3520R	Pelham II	72D Second Street	Framingham	1	Nstar	690	690	0	4.74	N/A	Gas	Gas
1982	Dec	3193A	Pelham II	73A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.64	N/A	Gas	Gas
1983	Dec	3193B	Pelham II	73B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.64	N/A	Gas	Gas
1984	Dec	3193C	Pelham II	73C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.64	N/A	Gas	Gas
1985	Dec	3193D	Pelham II	73D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.64	N/A	Gas	Gas
1986	Dec	3520S	Pelham II	74A Second Street	Framingham	1	Nstar	850	850	0	4.74	N/A	Gas	Gas
1987	Dec	3520T	Pelham II	74B Second Street	Framingham	1	Nstar	850	850	0	4.74	N/A	Gas	Gas
1988	Dec	3193E	Pelham II	75A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.64	N/A	Gas	Gas
1989	Dec	3193F	Pelham II	75B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.64	N/A	Gas	Gas
1990	Dec	3193G	Pelham II	75C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.64	N/A	Gas	Gas
1991	Dec	3193H	Pelham II	75D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.64	N/A	Gas	Gas
1992	Dec	3519A	Pelham II	77A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.56	N/A	Gas	Gas
1993	Dec	3519B	Pelham II	77B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.56	N/A	Gas	Gas
1994	Dec	3519C	Pelham II	77C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.56	N/A	Gas	Gas
1995	Dec	3519D	Pelham II	77D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.56	N/A	Gas	Gas
1996	Dec	3519E	Pelham II	79A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.56	N/A	Gas	Gas
1997	Dec	3519F	Pelham II	79B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.56	N/A	Gas	Gas
1998	Dec	3519G	Pelham II	79C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.56	N/A	Gas	Gas
1999	Dec	3519H	Pelham II	79D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.56	N/A	Gas	Gas
2000	Dec	3185G	Pelham II	7A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.59	N/A	Gas	Gas
2001	Dec	3185H	Pelham II	7B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	5.59	N/A	Gas	Gas
2002	Dec	3521A	Pelham II	81A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.00	N/A	Gas	Gas
2003	Dec	3521B	Pelham II	81B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.00	N/A	Gas	Gas
2004	Dec	3521C	Pelham II	81C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.00	N/A	Gas	Gas
2005	Dec	3521D	Pelham II	81D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.00	N/A	Gas	Gas
2006	Dec	3521E	Pelham II	83A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.00	N/A	Gas	Gas
2007	Dec	3521F	Pelham II	83B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.00	N/A	Gas	Gas
2008	Dec	3521G	Pelham II	83C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.00	N/A	Gas	Gas
2009	Dec	3521H	Pelham II	83D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	3.00	N/A	Gas	Gas
2010	Dec	3192A	Pelham II	89A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.07	N/A	Gas	Gas
2011	Dec	3192B	Pelham II	89B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.07	N/A	Gas	Gas
2012	Dec	3192C	Pelham II	89C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.07	N/A	Gas	Gas
2013	Dec	3192D	Pelham II	89D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.07	N/A	Gas	Gas
2014	Dec	3513G	Pelham II	8A Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.33	N/A	Gas	Gas
2015	Dec	3513H	Pelham II	8B Beaver Terrace Circle	Framingham	1	Nstar	1050	1050	0	5.33	N/A	Gas	Gas
2016	Dec	3192E	Pelham II	91A Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.07	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	kWh/ heating ft2	kWh/ cooling ft2	Heating Fuel	Hot Water Fuel
2017	Dec	3192F	Pelham II	91B Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.07	N/A	Gas	Gas
2018	Dec	3192G	Pelham II	91C Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.07	N/A	Gas	Gas
2019	Dec	3192H	Pelham II	91D Beaver Terrace Circle	Framingham	1	Nstar	690	690	0	4.07	N/A	Gas	Gas
2020	Dec	3192I	Pelham II	93A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	4.07	N/A	Gas	Gas
2021	Dec	3192J	Pelham II	93B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	4.07	N/A	Gas	Gas
2022	Dec	3188G	Pelham II	9A Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.77	N/A	Gas	Gas
2023	Dec	3188H	Pelham II	9B Beaver Terrace Circle	Framingham	1	Nstar	850	850	0	6.77	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1	Jan	6498	116 Norfolk St	116 NORFOLK ST	Cambridge	37	NStar	22423	22423	2423	62535	14022	0.63	Gas	Gas
2	Jan	6500	45 Linnaean St	45 LINNAEAN ST	Cambridge	24	NStar	16772	16772	4772	51550	8646	0.52	Gas	Gas
3	Jan	2211	Putnam Gardens	Bldg 2- Doors 4, 5, 6, 7, and 8	Cambridge	40	NStar	41146	32918	8740	134807	44376	1.35	Gas	Gas
4	Jan	6499	St. Paul's	34 MT. AUBURN ST.	Cambridge	19	NStar	13993	13993	4493	54705	7655	0.55	Gas	Gas
5	Jan	Federal	MOSHER ST	16 MOSHER ST	New Bedford	4	NStar	3420	3420	0	77924	2665	0.78	Gas	Gas
6	Jan	7070	Saint James/The Franklin	11 East Newton Street	Boston	193	NStar	178322	178322	54822	72068	128513	0.72	Gas	Gas
7	Jan	Federal	SATELLITE VILLAGE	10 GEMINI DR G-68L	New Bedford	2	NStar	1940	1940	0	72282	1402	0.72	Gas	Gas
8	Jan	Federal	SATELLITE VILLAGE	100 LIBRA DR C-24L	New Bedford	2	NStar	2002	2002	0	60222	1206	0.60	Gas	Gas
9	Jan	Federal	SATELLITE VILLAGE	102 LIBRA DR C-236	New Bedford	2	NStar	2002	2002	0	60222	1206	0.60	Gas	Gas
10	Jan	Federal	SATELLITE VILLAGE	104 ARIES DR B-22L	New Bedford	2	NStar	2530	2530	0	66335	1678	0.66	Gas	Gas
11	Jan	Federal	SATELLITE VILLAGE	106 ARIES DR B-21L	New Bedford	2	NStar	2244	2244	0	66335	1489	0.66	Gas	Gas
12	Jan	Federal	SATELLITE VILLAGE	108 ARIES DR B-20L	New Bedford	2	NStar	2002	2002	0	66335	1328	0.66	Gas	Gas
13	Jan	Federal	SATELLITE VILLAGE	109 ARIES DR B-19R	New Bedford	2	NStar	2476	2476	0	66335	1642	0.66	Gas	Gas
14	Jan	Federal	SATELLITE VILLAGE	11 GEMINI DR G-69R	New Bedford	2	NStar	2476	2476	0	72282	1790	0.72	Gas	Gas
15	Jan	Federal	SATELLITE VILLAGE	112 ARIES DR B-18L	New Bedford	2	NStar	2476	2476	0	66335	1642	0.66	Gas	Gas
16	Jan	Federal	SATELLITE VILLAGE	114 ARIES DR B-17L	New Bedford	2	NStar	1940	1940	0	66335	1287	0.66	Gas	Gas
17	Jan	Federal	SATELLITE VILLAGE	116 ARIES DR B-16L	New Bedford	2	NStar	1940	1940	0	66335	1287	0.66	Gas	Gas
18	Jan	Federal	SATELLITE VILLAGE	118 ARIES DR B-15L	New Bedford	2	NStar	2476	2476	0	66335	1642	0.66	Gas	Gas
19	Jan	Federal	SATELLITE VILLAGE	120 ARIES DR B-14L	New Bedford	2	NStar	2002	2002	0	66335	1328	0.66	Gas	Gas
20	Jan	Federal	SATELLITE VILLAGE	121 ARIES DR B-13R	New Bedford	2	NStar	2476	2476	0	66335	1642	0.66	Gas	Gas
21	Jan	Federal	SATELLITE VILLAGE	124 ARIES DR B-12L	New Bedford	2	NStar	2244	2244	0	66335	1489	0.66	Gas	Gas
22	Jan	Federal	SATELLITE VILLAGE	126 VIRGO DR B-11L	New Bedford	2	NStar	2530	2530	0	49570	1254	0.50	Gas	Gas
23	Jan	Federal	SATELLITE VILLAGE	128 VIRGO DR A-10L	New Bedford	2	NStar	3052	3052	0	49570	1513	0.50	Gas	Gas
24	Jan	Federal	SATELLITE VILLAGE	130 VIRGO DR A-9L	New Bedford	2	NStar	1940	1940	0	49570	962	0.50	Gas	Gas
25	Jan	Federal	SATELLITE VILLAGE	131 VIRGO DR A-8R	New Bedford	2	NStar	2476	2476	0	49570	1227	0.50	Gas	Gas
26	Jan	Federal	SATELLITE VILLAGE	134 VIRGO DR A-7L	New Bedford	2	NStar	2476	2476	0	49570	1227	0.50	Gas	Gas
27	Jan	Federal	SATELLITE VILLAGE	136 VIRGO DR A-6L	New Bedford	2	NStar	1940	1940	0	49570	962	0.50	Gas	Gas
28	Jan	Federal	SATELLITE VILLAGE	137 VIRGO DR A-5R	New Bedford	2	NStar	1940	1940	0	49570	962	0.50	Gas	Gas
29	Jan	Federal	SATELLITE VILLAGE	139 VIRGO DR A-4R	New Bedford	2	NStar	1940	1940	0	49570	962	0.50	Gas	Gas
30	Jan	Federal	SATELLITE VILLAGE	14 GEMINI DR G-70L	New Bedford	2	NStar	2476	2476	0	72282	1790	0.72	Gas	Gas
31	Jan	Federal	SATELLITE VILLAGE	141 VIRGO DR A-3R	New Bedford	2	NStar	1940	1940	0	49570	962	0.50	Gas	Gas
32	Jan	Federal	SATELLITE VILLAGE	143 VIRGO DR A-2R	New Bedford	2	NStar	2176	2176	0	49570	1079	0.50	Gas	Gas
33	Jan	Federal	SATELLITE VILLAGE	146 VIRGO DR A-1L	New Bedford	2	NStar	2452	2452	0	49570	1215	0.50	Gas	Gas
34	Jan	Federal	SATELLITE VILLAGE	15 GEMINI DR G-71R	New Bedford	2	NStar	1940	1940	0	72282	1402	0.72	Gas	Gas
35	Jan	Federal	SATELLITE VILLAGE	17 GEMINI DR G-72R	New Bedford	2	NStar	2476	2476	0	72282	1790	0.72	Gas	Gas
36	Jan	Federal	SATELLITE VILLAGE	2 GEMINI DR G-64L	New Bedford	2	NStar	2452	2452	0	72282	1772	0.72	Gas	Gas
37	Jan	Federal	SATELLITE VILLAGE	20 GEMINI DR G-73L	New Bedford	2	NStar	2452	2452	0	72282	1772	0.72	Gas	Gas
38	Jan	Federal	SATELLITE VILLAGE	24 APOLLO DR F-55L	New Bedford	2	NStar	2460	2460	0	74519	1833	0.75	Gas	Gas
39	Jan	Federal	SATELLITE VILLAGE	25 APOLLO DR F-56R	New Bedford	2	NStar	1940	1940	0	74519	1446	0.75	Gas	Gas
40	Jan	Federal	SATELLITE VILLAGE	27 APOLLO DR F-57R	New Bedford	2	NStar	2460	2460	0	74519	1833	0.75	Gas	Gas
41	Jan	Federal	SATELLITE VILLAGE	29 APOLLO DR F-58R	New Bedford	2	NStar	1940	1940	0	74519	1446	0.75	Gas	Gas
42	Jan	Federal	SATELLITE VILLAGE	32 APOLLO DR F-59L	New Bedford	2	NStar	1940	1940	0	74519	1446	0.75	Gas	Gas
43	Jan	Federal	SATELLITE VILLAGE	34 APOLLO DR F-60L	New Bedford	2	NStar	2452	2452	0	74519	1827	0.75	Gas	Gas
44	Jan	Federal	SATELLITE VILLAGE	4 GEMINI DR G-65L	New Bedford	2	NStar	2476	2476	0	72282	1790	0.72	Gas	Gas
45	Jan	Federal	SATELLITE VILLAGE	42 VENUS DR E-53L	New Bedford	2	NStar	1940	1940	0	69843	1355	0.70	Gas	Gas
46	Jan	Federal	SATELLITE VILLAGE	44 VENUS DR E-52L	New Bedford	2	NStar	1940	1940	0	69843	1355	0.70	Gas	Gas
47	Jan	Federal	SATELLITE VILLAGE	45 VENUS DR E-51R	New Bedford	2	NStar	2476	2476	0	69843	1729	0.70	Gas	Gas
48	Jan	Federal	SATELLITE VILLAGE	47 VENUS DR E-50R	New Bedford	2	NStar	3052	3052	0	69843	2132	0.70	Gas	Gas
49	Jan	Federal	SATELLITE VILLAGE	5 GEMINI DR G-66R	New Bedford	2	NStar	1940	1940	0	72282	1402	0.72	Gas	Gas
50	Jan	Federal	SATELLITE VILLAGE	50 VENUS DR E-49L	New Bedford	2	NStar	1940	1940	0	69843	1355	0.70	Gas	Gas
51	Jan	Federal	SATELLITE VILLAGE	51 VENUS DR E-48R	New Bedford	2	NStar	1940	1940	0	69843	1355	0.70	Gas	Gas
52	Jan	Federal	SATELLITE VILLAGE	54 VENUS DR E-47L	New Bedford	2	NStar	1940	1940	0	69843	1355	0.70	Gas	Gas
53	Jan	Federal	SATELLITE VILLAGE	55 VENUS DR E-46	New Bedford	2	NStar	1940	1940	0	69843	1355	0.70	Gas	Gas
54	Jan	Federal	SATELLITE VILLAGE	57 VENUS DR E-45R	New Bedford	2	NStar	2460	2460	0	69843	1718	0.70	Gas	Gas
55	Jan	Federal	SATELLITE VILLAGE	59 VENUS DR E-44R	New Bedford	2	NStar	2476	2476	0	69843	1729	0.70	Gas	Gas
56	Jan	Federal	SATELLITE VILLAGE	61 SATURN DR D-43R	New Bedford	2	NStar	1940	1940	0	63647	1235	0.64	Gas	Gas
57	Jan	Federal	SATELLITE VILLAGE	63 SATURN DR D-42R	New Bedford	2	NStar	2460	2460	0	63647	1566	0.64	Gas	Gas
58	Jan	Federal	SATELLITE VILLAGE	65 SATURN DR D-41R	New Bedford	2	NStar	1940	1940	0	63647	1235	0.64	Gas	Gas
59	Jan	Federal	SATELLITE VILLAGE	67 SATURN DR D-40R	New Bedford	2	NStar	1940	1940	0	63647	1235	0.64	Gas	Gas
60	Jan	Federal	SATELLITE VILLAGE	70 SATURN DR D-39L	New Bedford	2	NStar	2476	2476	0	63647	1576	0.64	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
61	Jan	Federal	SATELLITE VILLAGE	72 SATURN DR D-38L	New Bedford	2	NStar	1940	1940	0	63647	1235	0.64	Gas	Gas
62	Jan	Federal	SATELLITE VILLAGE	73 SATURN DR D-37R	New Bedford	2	NStar	2476	2476	0	63647	1576	0.64	Gas	Gas
63	Jan	Federal	SATELLITE VILLAGE	76 SATURN DR D-36L	New Bedford	2	NStar	2476	2476	0	63647	1576	0.64	Gas	Gas
64	Jan	Federal	SATELLITE VILLAGE	77 SATURN DR D-35R	New Bedford	2	NStar	1940	1940	0	63647	1235	0.64	Gas	Gas
65	Jan	Federal	SATELLITE VILLAGE	8 GEMINI DR G-67L	New Bedford	2	NStar	2476	2476	0	72282	1790	0.72	Gas	Gas
66	Jan	Federal	SATELLITE VILLAGE	80 SATURN DR D-34L	New Bedford	2	NStar	1940	1940	0	63647	1235	0.64	Gas	Gas
67	Jan	Federal	SATELLITE VILLAGE	81 LIBRA DR C-33R	New Bedford	2	NStar	2244	2244	0	60222	1351	0.60	Gas	Gas
68	Jan	Federal	SATELLITE VILLAGE	83 LIBRA DR C-32R	New Bedford	2	NStar	2244	2244	0	60222	1351	0.60	Gas	Gas
69	Jan	Federal	SATELLITE VILLAGE	85 LIBRA DR C-31R	New Bedford	2	NStar	2476	2476	0	60222	1491	0.60	Gas	Gas
70	Jan	Federal	SATELLITE VILLAGE	87 LIBRA DR C-30R	New Bedford	2	NStar	2002	2002	0	60222	1206	0.60	Gas	Gas
71	Jan	Federal	SATELLITE VILLAGE	90 LIBRA DR C-29L	New Bedford	2	NStar	2002	2002	0	60222	1206	0.60	Gas	Gas
72	Jan	Federal	SATELLITE VILLAGE	91 LIBRA DR C-28R	New Bedford	2	NStar	2476	2476	0	60222	1491	0.60	Gas	Gas
73	Jan	Federal	SATELLITE VILLAGE	93 LIBRA DR C-27R	New Bedford	2	NStar	2002	2002	0	60222	1206	0.60	Gas	Gas
74	Jan	Federal	SATELLITE VILLAGE	96 LIBRA DR C-26L	New Bedford	2	NStar	2002	2002	0	60222	1206	0.60	Gas	Gas
75	Jan	Federal	SATELLITE VILLAGE	97 LIBRA DR C-25R	New Bedford	2	NStar	2476	2476	0	60222	1491	0.60	Gas	Gas
76	Feb	7485	Jefferson Park	1-4 Jefferson Park (Facility #1-Doors 1-4)	Cambridge	42	NStar	47500	35625	17219	85118	30323	0.85	Gas	Gas
77	Feb	7487	Jefferson Park	1-4 Jefferson Park (Facility #3-Doors 7-10)	Cambridge	42	NStar	47500	35625	17219	85118	30323	0.85	Gas	Gas
78	Feb	7486	Jefferson Park	1 & 12 JEFFERSON PARK (Facility #2-Doors 5-	Cambridge	12	NStar	17500	13125	6344	85118	11172	0.85	Gas	Gas
79	Feb	7484	Jefferson Park	& 12 JEFFERSON PARK (Facility #4-Doors 11-	Cambridge	12	NStar	17500	13125	6344	85118	11172	0.85	Gas	Gas
80	Feb	7720	Merriam Street	57 Merriam Street	Somerville	2	NStar	7148	5464	2094	67645	3696	0.68	Gas	Gas
81	Feb	6654	Alec Street	12-14 Alec St	New Bedford	4	NStar	3510	2340	1170	59632	1395	0.60	Gas	Gas
82	Feb	6656	Alec Street	20-22 Alec St	New Bedford	4	NStar	3510	2340	1170	81947	1918	0.82	Gas	Gas
83	Feb	6652	Alec Street	4-6 Alec St	New Bedford	4	NStar	4350	2900	1450	41813	1213	0.42	Gas	Gas
84	Feb	6650	Ben Rose II	27-29 DELANO St	New Bedford	2	NStar	4068	2712	1356	56213	1524	0.56	Gas	Gas
85	Feb	6277	Blue Meadows	101,103,105 BLUEFIELD STREET	New Bedford	3	NStar	4368	2912	1456	83106	2420	0.83	Gas	Gas
86	Feb	6288	Blue Meadows	11,13,...,21 BLUEFIELD STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
87	Feb	6279	Blue Meadows	135,137,139,141 BLUEFIELD STREET	New Bedford	4	NStar	5025	3350	1675	83106	2784	0.83	Gas	Gas
88	Feb	6280	Blue Meadows	143,145,147,149 BLUEFIELD STREET	New Bedford	4	NStar	5025	3350	1675	83106	2784	0.83	Gas	Gas
89	Feb	6291	Blue Meadows	151,159,161,165,167,169 BLUEFIELD STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
90	Feb	6285	Blue Meadows	152,158,160,164,166,168 BLUEFIELD STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
91	Feb	6282	Blue Meadows	160,162,...,168 ROCKDALE AVENUE	New Bedford	5	NStar	5820	3880	1940	83106	3224	0.83	Gas	Gas
92	Feb	6281	Blue Meadows	180,182,184,186 ROACKDALE AVENUE	New Bedford	4	NStar	5025	3350	1675	83106	2784	0.83	Gas	Gas
93	Feb	6276	Blue Meadows	23,25,27 BLUEFIELD STREET	New Bedford	3	NStar	4368	2912	1456	83106	2420	0.83	Gas	Gas
94	Feb	6278	Blue Meadows	29,31,33,35 BLUEFIELD STREET	New Bedford	4	NStar	5025	3350	1675	83106	2784	0.83	Gas	Gas
95	Feb	6294	Blue Meadows	37,39,...,47 BLUEFIELD STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
96	Feb	6283	Blue Meadows	393,395,...,403 DARTMOUTH STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
97	Feb	6284	Blue Meadows	4,12,14,18,20,26 BLUEFIELD STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
98	Feb	6295	Blue Meadows	413,415,...,423 DARTMOUTH STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
99	Feb	6275	Blue Meadows	42,44,46 BLUEFIELD STREET	New Bedford	3	NStar	4368	2912	1456	83106	2420	0.83	Gas	Gas
100	Feb	6298	Blue Meadows	425,427,...,435 DARTMOUTH STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
101	Feb	6299	Blue Meadows	437,439,...,447 DARTMOUTH STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
102	Feb	6300	Blue Meadows	449,451,...,459 DARTMOUTH STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
103	Feb	6287	Blue Meadows	46,50,52,54,56,58 MATTHEW STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
104	Feb	6301	Blue Meadows	461,463,...,471 DARTMOUTH STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
105	Feb	6297	Blue Meadows	49,51,...,59 BLUEFIELD STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
106	Feb	6296	Blue Meadows	61,63,...,71 BLUEFIELD STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
107	Feb	6293	Blue Meadows	70,72,...,80 BLUEFIELD STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
108	Feb	6302	Blue Meadows	73,75,...,83 BLUEFIELD STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
109	Feb	6292	Blue Meadows	82,84,...,92 BLUEFIELD STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
110	Feb	6289	Blue Meadows	85,91,93,95,97,99 BLUEFIELD STREET	New Bedford	6	NStar	8505	5670	2835	83106	4712	0.83	Gas	Gas
111	Feb	6732	Bourne St	51 Bourne St	New Bedford	12	NStar	14700	11025	6982	39434	4348	0.39	Gas	Gas
112	Feb	6718	Church St II	334-336 Church St	New Bedford	2	NStar	3282	2188	1094	74401	1628	0.74	Gas	Gas
113	Feb	6719	Church St II	342-344 Church St	New Bedford	2	NStar	3282	2188	1094	79722	1744	0.80	Gas	Gas
114	Feb	6260	Demedeiros Apartments I	27/25,23/21 DESAUTELS STREET	New Bedford	4	NStar	7434	4998	2436	54495	2724	0.54	Gas	Gas
115	Feb	6259	Demedeiros Apartments I	27/25,23/21 WHITMAN STREET	New Bedford	4	NStar	7308	4908	2400	54554	2678	0.55	Gas	Gas
116	Feb	6261	Demedeiros Apartments I	39/37,35/33,31/29 DESAUTELS STREET	New Bedford	6	NStar	10962	10962	3600	36638	4016	0.37	Gas	Gas
117	Feb	6262	Demedeiros Apartments I	7/45,43/41,39/37,35/33,31/29 WHITMAN STREE	New Bedford	10	NStar	18270	12270	6000	54554	6694	0.55	Gas	Gas
118	Feb	6667	Demedeiros Apartments II	30-32 Whitman St	New Bedford	2	NStar	3708	2472	1236	82047	2028	0.82	Gas	Gas
119	Feb	6668	Demedeiros Apartments II	36-38 Whitman St	New Bedford	2	NStar	3708	2472	1236	56943	1408	0.57	Gas	Gas
120	Feb	6669	Demedeiros Apartments II	42-44 Whitman St	New Bedford	2	NStar	3708	2472	1236	55579	1374	0.56	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
121	Feb	6670	Demedeiros Apartments II	49-51 Whitman St	New Bedford	2	NStar	3708	2472	1236	62871	1554	0.63	Gas	Gas
122	Feb	6734	Fillmore St	166 Fillmore St	New Bedford	4	NStar	4224	2816	1408	94506	2661	0.95	Gas	Gas
123	Feb	6729	Loftus Street	291-293 Loftus St	New Bedford	2	NStar	3696	2464	1232	85581	2109	0.86	Gas	Gas
124	Feb	6235	Nashmont	39,41,...,49 STANLEY STREET	New Bedford	6	NStar	7980	5355	2625	81508	4365	0.82	Gas	Gas
125	Feb	6232	Nashmont	506,508,...,516 MT. PLEASANT STREET	New Bedford	6	NStar	7980	5355	2625	81508	4365	0.82	Gas	Gas
126	Feb	6237	Nashmont	510,512,...,520 NASH ROAD	New Bedford	6	NStar	7980	5355	2625	81508	4365	0.82	Gas	Gas
127	Feb	6236	Nashmont	522,524,...,532 NASH ROAD	New Bedford	6	NStar	7980	5355	2625	81508	4365	0.82	Gas	Gas
128	Feb	6241	Nashmont	530,532,...,540 MT. PLEASANT STREET	New Bedford	6	NStar	9072	5901	3171	84088	4962	0.84	Gas	Gas
129	Feb	6231	Nashmont	534,536,538,540 NASH ROAD	New Bedford	4	NStar	6036	4024	2012	82045	3301	0.82	Gas	Gas
130	Feb	6238	Nashmont	57,59,...,67 NEWCOMB STREET	New Bedford	6	NStar	7980	5355	2625	81508	4365	0.82	Gas	Gas
131	Feb	6240	Nashmont	58,60,...,68 STANLEY STREET	New Bedford	6	NStar	7980	5355	2625	81508	4365	0.82	Gas	Gas
132	Feb	6228	Nashmont	59,61,63,65 STANLEY STREET	New Bedford	4	NStar	5520	3710	1810	81381	3019	0.81	Gas	Gas
133	Feb	6227	Nashmont	65,67,69,71 BARRETT STREET	New Bedford	4	NStar	5530	3710	1820	81529	3025	0.82	Gas	Gas
134	Feb	6229	Nashmont	72,74,76,78 NEWCOMB STREET	New Bedford	4	NStar	5520	3710	1810	81381	3019	0.81	Gas	Gas
135	Feb	6234	Nashmont	73,75,...,83 BARRETT STREET	New Bedford	6	NStar	7980	5355	2625	81508	4365	0.82	Gas	Gas
136	Feb	6239	Nashmont	81,83,...,91 NEWCOMB STREET	New Bedford	6	NStar	7980	5355	2625	81508	4365	0.82	Gas	Gas
137	Feb	6233	Nashmont	85,87,...,95 BARRETT STREET	New Bedford	6	NStar	7980	5355	2625	81508	4365	0.82	Gas	Gas
138	Feb	6230	Nashmont	90,92,94,96 NEWCOMB STREET	New Bedford	4	NStar	6036	4024	2012	82045	3301	0.82	Gas	Gas
139	Feb	6666	New Bedford Hotel Apartments	725 Pleasant St	New Bedford	113	NStar	101844	91660	45344	70343	64476	0.70	Gas	Gas
140	Feb	6717	Richmond St	52-54 Richmond St	New Bedford	2	NStar	3795	2530	1265	89087	2254	0.89	Gas	Gas
141	Feb	7219	Sawyer Park	353-357 SAWYER ST	New Bedford	12	NStar	9048	9048	0	72388	6550	0.72	Electric	Electric
142	Feb	7220	Sawyer Park	359-361 SAWYER ST	New Bedford	6	NStar	3480	3480	0	72388	2519	0.72	Electric	Electric
143	Feb	6733	Shawmut Avenue	740 Shawmut Ave	New Bedford	9	NStar	8880	8880	80	54949	4879	0.55	Gas	Gas
144	Feb	6735	Townsend St	24 Townsend St	New Bedford	4	NStar	2970	2970	0	57332	1703	0.57	Gas	Gas
145	Feb	6665	Tripp Towers	12 Ruth St	New Bedford	202	NStar	162624	147840	61624	69095	102150	0.69	Gas	Gas
146	Feb	Federal	PRESIDENTIAL HEIGHTS	2 22 MONROE DR	NEW BEDFORD	11	NStar	9342	9342	0	93406	8726	0.93	Gas	Gas
147	Feb	Federal	PRESIDENTIAL HEIGHTS	337 357 MYRTLE ST	NEW BEDFORD	11	NStar	9342	9342	0	89060	8320	0.89	Gas	Gas
148	Feb	7290	Seabury Heights	240 Belmont St	Worcester	150	NStar	143365	140328	35662	45237	63480	0.45	Gas	Gas
149	Feb	7291	Seabury Heights	244 Belmont St	Worcester	150	NStar	143365	140328	35662	45237	63480	0.45	Gas	Gas
150	Feb	2452	Transition House	1035 Cambridge Street, B10	Cambridge	10	NStar	6500	5000	6250	64719	3236	0.65	Gas	Gas
151	Mar	Federal	ADAMS STREET I	14 ADAMS ST	NEW BEDFORD	24	NStar	21612	21612	0	37317	8065	0.37	Gas	Gas
152	Mar	Federal	ADAMS STREET II	58 62 ADAMS ST, 208 MYRTLE ST	NEW BEDFORD	3	NStar	3422	3422	0	54150	1853	0.54	Gas	Gas
153	Mar	Federal	BOA VISTA	134 S SECOND ST	NEW BEDFORD	104	NStar	82908	82908	0	60606	50247	0.61	Gas	Gas
154	Mar	Federal	BRICKENWOOD	11 17 MALDEN ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
155	Mar	Federal	BRICKENWOOD	110 116 SHAWMUT SERVICE LA	NEW BEDFORD	4	NStar	3380	3380	0	77623	2624	0.78	Gas	Gas
156	Mar	Federal	BRICKENWOOD	118 124 SHAWMUT SERVICE LA	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
157	Mar	Federal	BRICKENWOOD	12 18 MALDEN ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
158	Mar	Federal	BRICKENWOOD	126 132 SHAWMUT SERVICE LA	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
159	Mar	Federal	BRICKENWOOD	134 140 HATHAWAY RD	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
160	Mar	Federal	BRICKENWOOD	142 148 HATHAWAY RD	NEW BEDFORD	4	NStar	3328	3328	0	77623	2583	0.78	Gas	Gas
161	Mar	Federal	BRICKENWOOD	150 156 SHAWMUT SERVICE LA	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
162	Mar	Federal	BRICKENWOOD	158 164 SHAWMUT SERVICE LA	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
163	Mar	Federal	BRICKENWOOD	174 180 HARVARD ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
164	Mar	Federal	BRICKENWOOD	187 193 HARVARD ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
165	Mar	Federal	BRICKENWOOD	190 196 HARVARD ST	NEW BEDFORD	4	NStar	3380	3380	0	77623	2624	0.78	Gas	Gas
166	Mar	Federal	BRICKENWOOD	195 201 HARVARD ST	NEW BEDFORD	4	NStar	3380	3380	0	77623	2624	0.78	Gas	Gas
167	Mar	Federal	BRICKENWOOD	20 26 MALDEN ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
168	Mar	Federal	BRICKENWOOD	20 26 YALE ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
169	Mar	Federal	BRICKENWOOD	203 209 HARVARD ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
170	Mar	Federal	BRICKENWOOD	21 27 MALDEN ST	NEW BEDFORD	4	NStar	3328	3328	0	77623	2583	0.78	Gas	Gas
171	Mar	Federal	BRICKENWOOD	211 217 HARVARD ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
172	Mar	Federal	BRICKENWOOD	219 225 HARVARD ST	NEW BEDFORD	4	NStar	3380	3380	0	77623	2624	0.78	Gas	Gas
173	Mar	Federal	BRICKENWOOD	220 226 HARVARD ST	NEW BEDFORD	4	NStar	3380	3380	0	77623	2624	0.78	Gas	Gas
174	Mar	Federal	BRICKENWOOD	227 233 HARVARD ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
175	Mar	Federal	BRICKENWOOD	235 241 HARVARD ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
176	Mar	Federal	BRICKENWOOD	240 246 HARVARD ST	NEW BEDFORD	4	NStar	3380	3380	0	77623	2624	0.78	Gas	Gas
177	Mar	Federal	BRICKENWOOD	243 249 HARVARD ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
178	Mar	Federal	BRICKENWOOD	28 34 MALDEN ST	NEW BEDFORD	4	NStar	3328	3328	0	77623	2583	0.78	Gas	Gas
179	Mar	Federal	BRICKENWOOD	309 315 HIGHLAND ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
180	Mar	Federal	BRICKENWOOD	317 323 HIGHLAND ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
181	Mar	Federal	BRICKENWOOD	32 38 WALKER ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
182	Mar	Federal	BRICKENWOOD	327 333 HIGHLAND ST	NEW BEDFORD	4	NStar	3380	3380	0	77623	2624	0.78	Gas	Gas
183	Mar	Federal	BRICKENWOOD	343 349 HIGHLAND ST	NEW BEDFORD	4	NStar	3380	3380	0	77623	2624	0.78	Gas	Gas
184	Mar	Federal	BRICKENWOOD	36 42 MALDEN ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
185	Mar	Federal	BRICKENWOOD	36 42 YALE ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
186	Mar	Federal	BRICKENWOOD	37 43 WALKER ST	NEW BEDFORD	4	NStar	3328	3328	0	77623	2583	0.78	Gas	Gas
187	Mar	Federal	BRICKENWOOD	37 43 YALE ST	NEW BEDFORD	4	NStar	3328	3328	0	77623	2583	0.78	Gas	Gas
188	Mar	Federal	BRICKENWOOD	373 379 HIGHLAND ST	NEW BEDFORD	4	NStar	3328	3328	0	77623	2583	0.78	Gas	Gas
189	Mar	Federal	BRICKENWOOD	4 10 MALDEN ST	NEW BEDFORD	4	NStar	3328	3328	0	77623	2583	0.78	Gas	Gas
190	Mar	Federal	BRICKENWOOD	4 10 YALE ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
191	Mar	Federal	BRICKENWOOD	40 46 WALKER ST	NEW BEDFORD	4	NStar	3328	3328	0	77623	2583	0.78	Gas	Gas
192	Mar	Federal	BRICKENWOOD	413 419 HIGHLAND ST	NEW BEDFORD	4	NStar	3328	3328	0	77623	2583	0.78	Gas	Gas
193	Mar	Federal	BRICKENWOOD	44 50 MALDEN ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
194	Mar	Federal	BRICKENWOOD	5 11 YALE ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
195	Mar	Federal	BRICKENWOOD	51 57 MALDEN ST	NEW BEDFORD	4	NStar	2392	2392	0	77623	1857	0.78	Gas	Gas
196	Mar	Federal	BRICKENWOOD	52 58 HARVARD ST	NEW BEDFORD	4	NStar	3380	3380	0	77623	2624	0.78	Gas	Gas
197	Mar	Federal	BRICKENWOOD	52 58 MALDEN ST	NEW BEDFORD	4	NStar	3328	3328	0	77623	2583	0.78	Gas	Gas
198	Mar	Federal	BRICKENWOOD	52 HATHAWAY RD	NEW BEDFORD	1	NStar	2808	2808	0	77623	2180	0.78	Gas	Gas
199	Mar	Federal	BRICKENWOOD	59 65 MALDEN ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
200	Mar	Federal	BRICKENWOOD	6 14 WALKER ST	NEW BEDFORD	4	NStar	3380	3380	0	77623	2624	0.78	Gas	Gas
201	Mar	Federal	BRICKENWOOD	68 74 YALE ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
202	Mar	Federal	BRICKENWOOD	69 75 YALE ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
203	Mar	Federal	BRICKENWOOD	75 81 MALDEN ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
204	Mar	Federal	BRICKENWOOD	82 88 MALDEN ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
205	Mar	Federal	BRICKENWOOD	83 89 MALDEN ST	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
206	Mar	Federal	BRICKENWOOD	842 848 SHAWMUT AVE	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
207	Mar	Federal	BRICKENWOOD	852 858 SHAWMUT AVE	NEW BEDFORD	4	NStar	3380	3380	0	77623	2624	0.78	Gas	Gas
208	Mar	Federal	BRICKENWOOD	862 868 SHAWMUT AVE	NEW BEDFORD	4	NStar	3588	3588	0	77623	2785	0.78	Gas	Gas
209	Mar	Federal	BRICKENWOOD	882 888 SHAWMUT AVE	NEW BEDFORD	4	NStar	3380	3380	0	77623	2624	0.78	Gas	Gas
210	Mar	Federal	BRICKENWOOD	922 928 SHAWMUT AVE	NEW BEDFORD	4	NStar	3328	3328	0	77623	2583	0.78	Gas	Gas
211	Mar	7479	15 Inman St	15 Inman St	Cambridge	4	NStar	6567	4800	2817	50059	2403	0.50	Gas	Gas
212	Mar	1331	Churchill Court	2505-2509 Mass Ave	Cambridge	2	NStar	2970	2970	410	61102	1815	0.61	Gas	Gas
213	Mar	Federal	COGGESHALL	525 COGGESHALL ST	NEW BEDFORD	48	NStar	26772	26772	0	59618	15961	0.60	Gas	Gas
214	Mar	Federal	DUNCAN DOTTIN PLACE	1169 1171 CHURCH ST	NEW BEDFORD	2	NStar	2200	2200	0	42500	935	0.43	Gas	Gas
215	Mar	Federal	DUNCAN DOTTIN PLACE	1177 1179 CHURCH ST	NEW BEDFORD	2	NStar	2200	2200	0	42045	925	0.42	Gas	Gas
216	Mar	Federal	MILL ST	185 Mill St	NEW BEDFORD	2	NStar	1008	1008	0	40575	409	0.41	Gas	Gas
217	Mar	Federal	SATELLITE VILLAGE	21 APOLLO DR F-54R	NEW BEDFORD	2	NStar	3036	3036	0	74519	2262	0.75	Gas	Gas
218	Mar	Federal	SATELLITE VILLAGE	36 APOLLO DR F-61L	NEW BEDFORD	2	NStar	1940	1940	0	74519	1446	0.75	Gas	Gas
219	Mar	Federal	SATELLITE VILLAGE	38 APOLLO DR F-62L	NEW BEDFORD	2	NStar	2476	2476	0	74519	1845	0.75	Gas	Gas
220	Mar	Federal	SATELLITE VILLAGE	39 APOLLO DR F-63R	NEW BEDFORD	2	NStar	2452	2452	0	74519	1827	0.75	Gas	Gas
221	Mar	Federal	SHAWMUT AVE	720 SHAWMUT AVE/ 146 TOPHAM ST	NEW BEDFORD	2	NStar	2557	2557	0	61400	1570	0.61	Gas	Gas
222	Mar	Federal	SHAWMUT AVE	726 SHAWMUT AVE/ 763 COGGESHALL ST	NEW BEDFORD	2	NStar	2468	2468	0	56240	1388	0.56	Gas	Gas
223	Mar	7142	SOM - Ciampa Manor	27 COLLEGE AVENUE/BLDG 1	Somerville	53	NStar	36000	30000	9500	45251	13575	0.45	Gas	Gas
224	Mar	Federal	SOUTH FIRST ST	610 616 S-1ST ST	NEW BEDFORD	4	NStar	4600	4600	0	54500	2507	0.55	Gas	Gas
225	Mar	Federal	SOUTH FIRST ST	618 622 S-1ST ST	NEW BEDFORD	3	NStar	3284	3284	0	47655	1565	0.48	Gas	Gas
226	Apr	Federal	BRICKENWOOD	12 18 YALE ST	NEW BEDFORD	4	NStar	5874	3916	1958	77623	3040	0.78	Gas	Gas
227	Apr	Federal	BRICKENWOOD	13 19 YALE ST	NEW BEDFORD	4	NStar	5874	3916	1958	77623	3040	0.78	Gas	Gas
228	Apr	Federal	BRICKENWOOD	179 185 HARVARD ST	NEW BEDFORD	4	NStar	5874	3916	1958	77623	3040	0.78	Gas	Gas
229	Apr	Federal	BRICKENWOOD	18 28 WALKER ST	NEW BEDFORD	6	NStar	7176	4784	2392	77623	3713	0.78	Gas	Gas
230	Apr	Federal	BRICKENWOOD	28 34 YALE ST	NEW BEDFORD	4	NStar	5874	3916	1958	77623	3040	0.78	Gas	Gas
231	Apr	Federal	BRICKENWOOD	29 35 YALE ST	NEW BEDFORD	4	NStar	5874	3916	1958	77623	3040	0.78	Gas	Gas
232	Apr	Federal	BRICKENWOOD	393 403 HIGHLAND ST	NEW BEDFORD	6	NStar	7176	4784	2392	77623	3713	0.78	Gas	Gas
233	Apr	Federal	BRICKENWOOD	44 50 YALE ST	NEW BEDFORD	4	NStar	5874	3916	1958	77623	3040	0.78	Gas	Gas
234	Apr	Federal	BRICKENWOOD	45 51 YALE ST	NEW BEDFORD	4	NStar	5874	3916	1958	77623	3040	0.78	Gas	Gas
235	Apr	Federal	BRICKENWOOD	60 66 YALE ST	NEW BEDFORD	4	NStar	5874	3916	1958	77623	3040	0.78	Gas	Gas
236	Apr	Federal	BRICKENWOOD	61 67 YALE ST	NEW BEDFORD	4	NStar	5874	3916	1958	77623	3040	0.78	Gas	Gas
237	Apr	Federal	BRICKENWOOD	67 73 SHAWMUT SERVICE LA	NEW BEDFORD	4	NStar	5874	3916	1958	77623	3040	0.78	Gas	Gas
238	Apr	Federal	BRICKENWOOD	7 17 WALKER ST	NEW BEDFORD	6	NStar	7176	4784	2392	77623	3713	0.78	Gas	Gas
239	Apr	Federal	BRICKENWOOD	872 878 SHAWMUT AVE	NEW BEDFORD	4	NStar	5382	3588	1794	77623	2785	0.78	Gas	Gas
240	Apr	Federal	BRICKENWOOD	892 898 SHAWMUT AVE	NEW BEDFORD	4	NStar	5382	3588	1794	77623	2785	0.78	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
241	Apr	Federal	BRICKENWOOD	912 918 SHAWMUT AVE	NEW BEDFORD	4	NStar	5382	3588	1794	77623	2785	0.78	Gas	Gas
242	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 1	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
243	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 10	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
244	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 11	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
245	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 12	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
246	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 13	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
247	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 14	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
248	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 15	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
249	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 16	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
250	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 17	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
251	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 18	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
252	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 19	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
253	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 2	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
254	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 20	Framingham	4	NStar	4896	3264	0	85660	2796	0.86	Gas	Gas
255	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 21	Framingham	4	NStar	4896	3264	0	85660	2796	0.86	Gas	Gas
256	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 22	Framingham	4	NStar	4896	3264	0	85660	2796	0.86	Gas	Gas
257	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 23	Framingham	4	NStar	4896	3264	0	85660	2796	0.86	Gas	Gas
258	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 24	Framingham	4	NStar	4896	3264	0	85660	2796	0.86	Gas	Gas
259	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 25	Framingham	4	NStar	4896	3264	0	85660	2796	0.86	Gas	Gas
260	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 26	Framingham	4	NStar	4896	3264	0	85660	2796	0.86	Gas	Gas
261	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 27	Framingham	4	NStar	4896	3264	0	85660	2796	0.86	Gas	Gas
262	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 28	Framingham	5	NStar	6264	4176	0	85660	3577	0.86	Gas	Gas
263	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 29	Framingham	12	NStar	11592	7728	0	85660	6620	0.86	Gas	Gas
264	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 3	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
265	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 4	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
266	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 5	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
267	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 6	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
268	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 7	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
269	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 8	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
270	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Building 9	Framingham	4	NStar	5976	3984	0	85660	3413	0.86	Gas	Gas
271	Apr	Federal	Carlson/Pusan	9 Pusan Rd - Community Building	Framingham	1	NStar	2166	2166	0	85660	1855	0.86	Gas	Gas
272	Apr	Federal	HARWICH MANOR	104 116 DAWSON ST	NEW BEDFORD	12	NStar	8400	8400	0	173118	7271	0.87	Gas	Gas
273	Apr	Federal	HARWICH MANOR	105 119 HARWICH ST	NEW BEDFORD	14	NStar	9800	9800	0	173118	8483	0.87	Gas	Gas
274	Apr	Federal	HARWICH MANOR	895 BELLEVILLE AVE	NEW BEDFORD	4	NStar	2900	2900	0	173118	2510	0.87	Gas	Gas
275	Apr	Federal	PRESIDENTIAL HEIGHTS	108 124 MONROE DR	NEW BEDFORD	9	NStar	10935	7290	3645	127133	9268	1.27	Gas	Gas
276	Apr	Federal	PRESIDENTIAL HEIGHTS	119 137 VAN BUREN ST	NEW BEDFORD	10	NStar	12150	8100	4050	109741	8889	1.10	Gas	Gas
277	Apr	Federal	PRESIDENTIAL HEIGHTS	126 144 VAN BUREN ST	NEW BEDFORD	10	NStar	12150	8100	4050	109827	8896	1.10	Gas	Gas
278	Apr	Federal	PRESIDENTIAL HEIGHTS	139 157 MT PLEASANT ST	NEW BEDFORD	10	NStar	12150	8100	4050	96642	7828	0.97	Gas	Gas
279	Apr	Federal	PRESIDENTIAL HEIGHTS	146 162 VAN BUREN ST	NEW BEDFORD	9	NStar	10935	7290	3645	97133	7081	0.97	Gas	Gas
280	Apr	Federal	PRESIDENTIAL HEIGHTS	159 FILLMORE ST (OFFICE BLDG)	NEW BEDFORD	1	NStar	2418	1612	806	154094	2484	1.54	Gas	Gas
281	Apr	Federal	PRESIDENTIAL HEIGHTS	161 179 MYRTLE ST	NEW BEDFORD	9	NStar	10935	7290	3645	106145	7738	1.06	Gas	Gas
282	Apr	Federal	PRESIDENTIAL HEIGHTS	164 182 VAN BUREN ST	NEW BEDFORD	10	NStar	12150	8100	4050	114358	9263	1.14	Gas	Gas
283	Apr	Federal	PRESIDENTIAL HEIGHTS	27 45 MONROE DR	NEW BEDFORD	10	NStar	12150	8100	4050	101728	8240	1.02	Gas	Gas
284	Apr	Federal	PRESIDENTIAL HEIGHTS	28 46 MONROE DR	NEW BEDFORD	10	NStar	12150	8100	4050	101901	8254	1.02	Gas	Gas
285	Apr	Federal	PRESIDENTIAL HEIGHTS	3 21 MONROE DR	NEW BEDFORD	11	NStar	14013	9342	4671	110512	10324	1.11	Gas	Gas
286	Apr	Federal	PRESIDENTIAL HEIGHTS	310 326 MYRTLE ST	NEW BEDFORD	9	NStar	10935	7290	3645	127133	9268	1.27	Gas	Gas
287	Apr	Federal	PRESIDENTIAL HEIGHTS	319 335 MYRTLE ST	NEW BEDFORD	9	NStar	10935	7290	3645	98628	7190	0.99	Gas	Gas
288	Apr	Federal	PRESIDENTIAL HEIGHTS	328 348 MT PLEASANT ST	NEW BEDFORD	11	NStar	14013	9342	4671	100910	9427	1.01	Gas	Gas
289	Apr	Federal	PRESIDENTIAL HEIGHTS	350 366 MT PLEASANT ST	NEW BEDFORD	9	NStar	10935	7290	3645	106749	7782	1.07	Gas	Gas
290	Apr	Federal	PRESIDENTIAL HEIGHTS	359 375 MYRTLE ST	NEW BEDFORD	9	NStar	10935	7290	3645	129863	9467	1.30	Gas	Gas
291	Apr	Federal	PRESIDENTIAL HEIGHTS	368 388 MT PLEASANT ST	NEW BEDFORD	11	NStar	14013	9342	4671	102462	9572	1.02	Gas	Gas
292	Apr	Federal	PRESIDENTIAL HEIGHTS	49 69 MONROE DR	NEW BEDFORD	11	NStar	14013	9342	4671	104635	9775	1.05	Gas	Gas
293	Apr	Federal	PRESIDENTIAL HEIGHTS	50 70 MONROE DR	NEW BEDFORD	11	NStar	14013	9342	4671	106680	9966	1.07	Gas	Gas
294	Apr	7149	Clarendon Hill	125 ALEWIFE BROOK	Somerville	24	NStar	22400	16800	7280	1765172800	17652	1.05	Gas	Gas
295	Apr	7150	Clarendon Hill	139 ALEWIFE BROOK	Somerville	24	NStar	22400	16800	7280	1765172800	17652	1.05	Gas	Gas
296	Apr	7151	Clarendon Hill	153 ALEWIFE BROOK	Somerville	24	NStar	22500	16875	7312	1773052000	17731	1.05	Gas	Gas
297	Apr	7146	Clarendon Hill	24 NORTH STREET - 3	Somerville	24	NStar	22400	16800	7280	1765172800	17652	1.05	Gas	Gas
298	Apr	7143	Clarendon Hill	268 POWDER HOUSE BLVD	Somerville	24	NStar	22400	16800	7280	1765172800	17652	1.05	Gas	Gas
299	Apr	7148	Clarendon Hill	268 REAR POWDERHOUSE BLVD - 5	Somerville	24	NStar	22400	16800	7280	1765172800	17652	1.05	Gas	Gas
300	Apr	7152	Clarendon Hill	278 POWDERHOUSE	Somerville	24	NStar	22400	16800	7280	1765172800	17652	1.05	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
301	May	Federal	BAY VILLAGE	100 118 SECOND ST	NEW BEDFORD	9	NStar	10692	7128	3564	96166	6855	0.96	Gas	Gas
302	May	Federal	BAY VILLAGE	115 133 S SECOND ST	NEW BEDFORD	10	NStar	11988	7992	3996	96166	7686	0.96	Gas	Gas
303	May	Federal	BAY VILLAGE	116 128 ACUSHNET AVE	NEW BEDFORD	7	NStar	7938	5292	2646	96166	5089	0.96	Gas	Gas
304	May	Federal	BAY VILLAGE	116 128 GRIFFIN CT	NEW BEDFORD	7	NStar	8970	5980	2990	96166	5751	0.96	Gas	Gas
305	May	Federal	BAY VILLAGE	120 132 SECOND ST	NEW BEDFORD	7	NStar	8970	5980	2990	96166	5751	0.96	Gas	Gas
306	May	Federal	BAY VILLAGE	121 133 ACUSHNET AVE	NEW BEDFORD	9	NStar	10692	7128	3564	96166	6855	0.96	Gas	Gas
307	May	Federal	BAY VILLAGE	121 133 SECOND ST	NEW BEDFORD	7	NStar	8970	5980	2990	96166	5751	0.96	Gas	Gas
308	May	Federal	BAY VILLAGE	135 149 SECOND ST	NEW BEDFORD	8	NStar	9558	6372	3186	96166	6128	0.96	Gas	Gas
309	May	Federal	BAY VILLAGE	151 169 SECOND ST	NEW BEDFORD	10	NStar	13081.5	8721	4360.5	96166	8387	0.96	Gas	Gas
310	May	Federal	BAY VILLAGE	188 206 ACUSHNET AVE	NEW BEDFORD	9	NStar	11988	7992	3996	96166	7686	0.96	Gas	Gas
311	May	Federal	BAY VILLAGE	208 222 ACUSHNET AVE	NEW BEDFORD	8	NStar	9558	6372	3186	96166	6128	0.96	Gas	Gas
312	May	Federal	BAY VILLAGE	224 242 ACUSHNET AVE	NEW BEDFORD	10	NStar	11988	7992	3996	96166	7686	0.96	Gas	Gas
313	May	Federal	BAY VILLAGE	244 262 ACUSHNET AVE	NEW BEDFORD	10	NStar	12393	8262	4131	96166	7945	0.96	Gas	Gas
314	May	Federal	BAY VILLAGE	65 83 S FIRST ST	NEW BEDFORD	10	NStar	12393	8262	4131	96166	7945	0.96	Gas	Gas
315	May	Federal	BAY VILLAGE	78 94 ACUSHNET AVE	NEW BEDFORD	9	NStar	11259	7506	3753	96166	7218	0.96	Gas	Gas
316	May	Federal	BAY VILLAGE	78 94 GRIFFIN CT	NEW BEDFORD	10	NStar	11907	7938	3969	96166	7634	0.96	Gas	Gas
317	May	Federal	BAY VILLAGE	79 97 GRIFFIN CT	NEW BEDFORD	10	NStar	11907	7938	3969	96166	7634	0.96	Gas	Gas
318	May	Federal	BAY VILLAGE	79 97 SECOND ST	NEW BEDFORD	10	NStar	11988	7992	3996	96166	7686	0.96	Gas	Gas
319	May	Federal	BAY VILLAGE	92 110 S SECOND ST	NEW BEDFORD	10	NStar	12393	8262	4131	96166	7945	0.96	Gas	Gas
320	May	Federal	BAY VILLAGE	93 111 S SECOND ST	NEW BEDFORD	10	NStar	12393	8262	4131	96166	7945	0.96	Gas	Gas
321	May	Federal	BAY VILLAGE	96 114 ACUSHNET AVE	NEW BEDFORD	10	NStar	11988	7992	3996	96166	7686	0.96	Gas	Gas
322	May	Federal	BAY VILLAGE	99 117 SECOND ST	NEW BEDFORD	10	NStar	11988	7992	3996	96166	7686	0.96	Gas	Gas
323	May	9524	Bigelow Street	8 Bigelow Street	Cambridge	10	NStar	6677	4889	1893	52508	2567	0.53	Gas	Gas
324	May	9454A	Luby Avenue	10 Luby Avenue	Milford	1	NStar	1825	1216	609	36100	439	0.36	Gas	Gas
325	May	9454B	Luby Avenue	12 Luby Avenue	Milford	1	NStar	1216	811	405	36100	293	0.36	Gas	Gas
326	May	9455A	Luby Avenue	13 Luby Avenue	Milford	1	NStar	1825	1216	609	37500	456	0.38	Gas	Gas
327	May	9454C	Luby Avenue	14 Luby Avenue	Milford	1	NStar	1216	811	405	36100	293	0.36	Gas	Gas
328	May	9455B	Luby Avenue	15 Luby Avenue	Milford	1	NStar	1216	811	405	37500	304	0.38	Gas	Gas
329	May	9454D	Luby Avenue	16 Luby Avenue	Milford	1	NStar	1825	1216	609	36100	439	0.36	Gas	Gas
330	May	9455C	Luby Avenue	17 Luby Avenue	Milford	1	NStar	1216	811	405	37500	304	0.38	Gas	Gas
331	May	9453A	Luby Avenue	18 Luby Avenue	Milford	1	NStar	1825	1216	609	34100	415	0.34	Gas	Gas
332	May	9455D	Luby Avenue	19 Luby Avenue	Milford	1	NStar	1825	1216	609	37500	456	0.38	Gas	Gas
333	May	9453B	Luby Avenue	20 Luby Avenue	Milford	1	NStar	1216	811	405	34100	277	0.34	Gas	Gas
334	May	9461A	Luby Avenue	21 Luby Avenue	Milford	1	NStar	1825	1216	609	44800	545	0.45	Gas	Gas
335	May	9453C	Luby Avenue	22 Luby Avenue	Milford	1	NStar	1216	811	405	34100	277	0.34	Gas	Gas
336	May	9461B	Luby Avenue	23 Luby Avenue	Milford	1	NStar	1216	811	405	44800	363	0.45	Gas	Gas
337	May	9453D	Luby Avenue	24 Luby Avenue	Milford	1	NStar	1825	1216	609	34100	415	0.34	Gas	Gas
338	May	9461C	Luby Avenue	25 Luby Avenue	Milford	1	NStar	1216	811	405	44800	363	0.45	Gas	Gas
339	May	9452A	Luby Avenue	26 Luby Avenue	Milford	1	NStar	1825	1216	609	26600	323	0.27	Gas	Gas
340	May	9461D	Luby Avenue	27 Luby Avenue	Milford	1	NStar	1825	1216	609	44800	545	0.45	Gas	Gas
341	May	9452B	Luby Avenue	28 Luby Avenue	Milford	1	NStar	1216	811	405	26600	216	0.27	Gas	Gas
342	May	9452C	Luby Avenue	30 Luby Avenue	Milford	1	NStar	1216	811	405	26600	216	0.27	Gas	Gas
343	May	9452D	Luby Avenue	32 Luby Avenue	Milford	1	NStar	1825	1216	609	26600	323	0.27	Gas	Gas
344	May	9450A	Luby Avenue	34 Luby Avenue	Milford	1	NStar	2184	1456	728	30300	441	0.30	Gas	Gas
345	May	9450B	Luby Avenue	36 Luby Avenue	Milford	1	NStar	1456	970	486	30300	294	0.30	Gas	Gas
346	May	9450C	Luby Avenue	38 Luby Avenue	Milford	1	NStar	2184	1456	728	30300	441	0.30	Gas	Gas
347	May	9450D	Luby Avenue	40 Luby Avenue	Milford	1	NStar	1456	970	486	30300	294	0.30	Gas	Gas
348	May	9450E	Luby Avenue	42 Luby Avenue	Milford	1	NStar	1456	970	486	30300	294	0.30	Gas	Gas
349	May	9450F	Luby Avenue	44 Luby Avenue	Milford	1	NStar	2184	1456	728	30300	441	0.30	Gas	Gas
350	May	9465A	Luby Avenue	45 Luby Avenue	Milford	1	NStar	1825	1216	609	32100	390	0.32	Gas	Gas
351	May	9472A	Luby Avenue	46 Luby Avenue	Milford	1	NStar	1521	1014	507	41800	424	0.42	Gas	Gas
352	May	9465B	Luby Avenue	47 Luby Avenue	Milford	1	NStar	1216	811	405	32100	260	0.32	Gas	Gas
353	May	9472B	Luby Avenue	48 Luby Avenue	Milford	1	NStar	1521	1014	507	41800	424	0.42	Gas	Gas
354	May	9465C	Luby Avenue	49 Luby Avenue	Milford	1	NStar	1216	811	405	32100	260	0.32	Gas	Gas
355	May	9472C	Luby Avenue	50 Luby Avenue	Milford	1	NStar	1521	1014	507	41800	424	0.42	Gas	Gas
356	May	9465D	Luby Avenue	51 Luby Avenue	Milford	1	NStar	1825	1216	609	32100	390	0.32	Gas	Gas
357	May	9472D	Luby Avenue	52 Luby Avenue	Milford	1	NStar	1521	1014	507	41800	424	0.42	Gas	Gas
358	May	9472E	Luby Avenue	54 Luby Avenue	Milford	1	NStar	1521	1014	507	41800	424	0.42	Gas	Gas
359	May	9451A	Luby Avenue	56 Luby Avenue	Milford	1	NStar	1825	1216	609	52500	638	0.53	Gas	Gas
360	May	9451B	Luby Avenue	58 Luby Avenue	Milford	1	NStar	1216	811	405	52500	426	0.53	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
361	May	9451C	Luby Avenue	60 Luby Avenue	Milford	1	NStar	1216	811	405	52500	426	0.53	Gas	Gas
362	May	9451D	Luby Avenue	62 Luby Avenue	Milford	1	NStar	1825	1216	609	52500	638	0.53	Gas	Gas
363	May	9468A	Luby Avenue	64 Luby Avenue	Milford	1	NStar	1825	1216	609	42100	512	0.42	Gas	Gas
364	May	9468B	Luby Avenue	66 Luby Avenue	Milford	1	NStar	1216	811	405	42100	341	0.42	Gas	Gas
365	May	9468C	Luby Avenue	68 Luby Avenue	Milford	1	NStar	1216	811	405	42100	341	0.42	Gas	Gas
366	May	9468D	Luby Avenue	70 Luby Avenue	Milford	1	NStar	1825	1216	609	42100	512	0.42	Gas	Gas
367	May	9318	Forest Green	44/46 Forest Ave Ext	Natick	2	NStar	2940	1960	980	75053	1471	0.75	Gas	Gas
368	May	9319	Forest Green	48/50 Forest Ave Ext	Natick	2	NStar	2940	1960	980	43045	844	0.43	Gas	Gas
369	May	9329	Forest Green	52/54 Bennett St	Natick	2	NStar	2940	1960	980	53084	1040	0.53	Gas	Gas
370	May	9320	Forest Green	52/54 Forest Ave Ext	Natick	2	NStar	3528	2352	1176	52648	1238	0.53	Gas	Gas
371	May	9321	Forest Green	53/55 Forest Ave Ext	Natick	2	NStar	3528	2352	1176	58414	1374	0.58	Gas	Gas
372	May	9323	Forest Green	56/58 Forest Ave Ext	Natick	2	NStar	3528	2352	1176	63762	1500	0.64	Gas	Gas
373	May	9324	Forest Green	57/59 Forest Ave Ext	Natick	2	NStar	3528	2352	1176	50073	1178	0.50	Gas	Gas
374	May	9325	Forest Green	60/62 Forest Ave Ext	Natick	2	NStar	3528	2352	1176	42917	1009	0.43	Gas	Gas
375	May	9526	Western Avenue	165 Western Ave	Cambridge	9	NStar	7885	6901	3084	35867	2475	0.36	Gas	Gas
376	Jun	Federal	ADDISON APARTMENTS	10 Addison St	Worcester	1	NStar	637.5	637.5	0	68091	434	0.68	Gas	Gas
377	Jun	Federal	ADDISON APARTMENTS	12 Addison St	Worcester	1	NStar	637.5	637.5	0	68091	434	0.68	Gas	Gas
378	Jun	Federal	ADDISON APARTMENTS	130-134 Dorchester St	Worcester	8	NStar	6200	6200	0	68091	4222	0.68	Gas	Gas
379	Jun	Federal	ADDISON APARTMENTS	14 Addison St	Worcester	1	NStar	637.5	637.5	0	68091	434	0.68	Gas	Gas
380	Jun	Federal	ADDISON APARTMENTS	140-144 Dorchester St	Worcester	8	NStar	6200	6200	0	68091	4222	0.68	Gas	Gas
381	Jun	Federal	ADDISON APARTMENTS	16 Addison St	Worcester	1	NStar	637.5	637.5	0	68091	434	0.68	Gas	Gas
382	Jun	Federal	ADDISON APARTMENTS	19-23 Addison St	Worcester	10	NStar	6840	6840	0	68091	4657	0.68	Gas	Gas
383	Jun	Federal	ADDISON APARTMENTS	2-8 Addison St	Worcester	10	NStar	6840	6840	0	68091	4657	0.68	Gas	Gas
384	Jun	Federal	ADDISON APARTMENTS	22-26 Addison St	Worcester	10	NStar	6840	6840	0	68091	4657	0.68	Gas	Gas
385	Jun	Federal	ADDISON APARTMENTS	Community Building	Worcester	1	NStar	1200	1200	1200	68091	817	0.68	Gas	Gas
386	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET A1	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
387	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET A2	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
388	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET A3	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
389	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET A4	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
390	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET B1	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
391	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET B2	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
392	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET C1	Worcester	1	NStar	800	800	0	55104	441	0.55	Gas	Gas
393	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET C2	Worcester	1	NStar	800	800	0	55104	441	0.55	Gas	Gas
394	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET C3	Worcester	1	NStar	800	800	0	55104	441	0.55	Gas	Gas
395	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET C4	Worcester	1	NStar	800	800	0	55104	441	0.55	Gas	Gas
396	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET D1	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
397	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET D2	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
398	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET D3	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
399	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET D4	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
400	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET E1	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
401	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET E2	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
402	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET E3	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
403	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET E4	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
404	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET F1	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
405	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET F2	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
406	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET F3	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
407	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET F4	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
408	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET G1	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
409	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET G2	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
410	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET G3	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
411	Jun	Federal	HOOPER STREET APARTMENTS	25 HOOPER STREET G4	Worcester	1	NStar	1325	1325	0	55104	730	0.55	Gas	Gas
412	Jun	Federal	MAYSIDE APARTMENTS	15-17 Mayside Lane	Worcester	8	NStar	9600	6400	3200	35152	2250	0.35	Gas	Gas
413	Jun	Federal	MAYSIDE APARTMENTS	16-18 Mayside Lane	Worcester	6	NStar	8000	4800	3200	35152	1687	0.35	Gas	Gas
414	Jun	Federal	MAYSIDE APARTMENTS	19-23 Mayside Lane	Worcester	6	NStar	8000	4800	3200	35152	1687	0.35	Gas	Gas
415	Jun	Federal	MAYSIDE APARTMENTS	20-22 May Street	Worcester	8	NStar	9600	6400	3200	35152	2250	0.35	Gas	Gas
416	Jun	Federal	MAYSIDE APARTMENTS	20-24 Mayside Lane	Worcester	8	NStar	9600	6400	3200	35152	2250	0.35	Gas	Gas
417	Jun	Federal	MAYSIDE APARTMENTS	24-26 May Street	Worcester	8	NStar	9600	6400	3200	35152	2250	0.35	Gas	Gas
418	Jun	Federal	MAYSIDE APARTMENTS	25-29 Mayside Lane	Worcester	3	NStar	3500	3500	1600	35152	1230	0.35	Gas	Gas
419	Jun	Federal	MILL POND APARTMENTS	1-5 Lowland Court	Worcester	8	NStar	9600	6400	3200	37234	2383	0.37	Gas	Gas
420	Jun	Federal	MILL POND APARTMENTS	15-19 Mill Pond Rd	Worcester	8	NStar	9600	6400	3200	37234	2383	0.37	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
421	Jun	Federal	MILL POND APARTMENTS	2-6 Lowland Court	Worcester	8	NStar	9600	6400	3200	37234	2383	0.37	Gas	Gas
422	Jun	Federal	MILL POND APARTMENTS	23-27 Mill Pond Rd	Worcester	8	NStar	9600	6400	3200	37234	2383	0.37	Gas	Gas
423	Jun	Federal	MILL POND APARTMENTS	576-580 Mill St	Worcester	4	NStar	9600	6400	3200	37234	2383	0.37	Gas	Gas
424	Jun	Federal	MILL POND APARTMENTS	590-592 Mill St	Worcester	8	NStar	9600	6400	3200	37234	2383	0.37	Gas	Gas
425	Jun	Federal	MILL POND APARTMENTS	594-596 Mill St	Worcester	8	NStar	9600	6400	3200	37234	2383	0.37	Gas	Gas
426	Jun	Federal	MILL POND APARTMENTS	598-600 Mill St	Worcester	8	NStar	9600	6400	3200	37234	2383	0.37	Gas	Gas
427	Jun	Federal	MILL POND APARTMENTS	7-11 Mill Pond Rd	Worcester	6	NStar	8000	4800	3200	37234	1787	0.37	Gas	Gas
428	Jun	Federal	MILL POND APARTMENTS	9-11 Lowland Court	Worcester	8	NStar	9600	6400	3200	37234	2383	0.37	Gas	Gas
429	Jun	Federal	MILL POND APARTMENTS	Community Building	Worcester	1	NStar	1600	1600	1600	37234	596	0.37	Gas	Gas
430	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	1 SIGOURNEY ST	Worcester	1	NStar	2100	1400	700	36785	515	0.37	Gas	Gas
431	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	11 SIGOURNEY ST	Worcester	1	NStar	1800	1200	600	36785	441	0.37	Gas	Gas
432	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	15 SIGOURNEY ST	Worcester	1	NStar	1800	1200	600	36785	441	0.37	Gas	Gas
433	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	244 PROVIDENCE ST	Worcester	1	NStar	1800	1200	600	38049	457	0.38	Gas	Gas
434	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	254 PROVIDENCE ST	Worcester	1	NStar	1800	1200	600	38049	457	0.38	Gas	Gas
435	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	256 PROVIDENCE ST	Worcester	1	NStar	1800	1200	600	38049	457	0.38	Gas	Gas
436	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	258 PROVIDENCE ST	Worcester	1	NStar	1800	1200	600	38049	457	0.38	Gas	Gas
437	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	268 PROVIDENCE ST	Worcester	1	NStar	1800	1200	600	38049	457	0.38	Gas	Gas
438	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	270 PROVIDENCE ST	Worcester	1	NStar	1800	1200	600	38049	457	0.38	Gas	Gas
439	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	3 SIGOURNEY ST	Worcester	1	NStar	2100	1400	700	36785	515	0.37	Gas	Gas
440	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	5 SIGOURNEY ST	Worcester	1	NStar	2100	1400	700	36785	515	0.37	Gas	Gas
441	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	69 NORTH ST	Worcester	1	NStar	2100	1400	700	36785	515	0.37	Gas	Gas
442	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	71 NORTH ST	Worcester	1	NStar	2100	1400	700	36785	515	0.37	Gas	Gas
443	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	73 NORTH ST	Worcester	1	NStar	1800	1200	600	36785	441	0.37	Gas	Gas
444	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	75 NORTH ST	Worcester	1	NStar	1800	1200	600	36785	441	0.37	Gas	Gas
445	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	79 NORTH ST	Worcester	1	NStar	2100	1400	700	36785	515	0.37	Gas	Gas
446	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	81 NORTH ST	Worcester	1	NStar	2100	1400	700	36785	515	0.37	Gas	Gas
447	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	83 NORTH ST	Worcester	1	NStar	2100	1400	700	36785	515	0.37	Gas	Gas
448	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	85 NORTH ST	Worcester	1	NStar	2100	1400	700	36785	515	0.37	Gas	Gas
449	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	87 NORTH ST	Worcester	1	NStar	2100	1400	700	36785	515	0.37	Gas	Gas
450	Jun	Federal	ORTH AND PROVIDENCE APARTMEN	9 SIGOURNEY ST	Worcester	1	NStar	1800	1200	600	36785	441	0.37	Gas	Gas
451	Jul	1328	Bedford Towers	Kempton St & County	New Bedford	117	NStar	86163	83259	10781	57551	47916	0.58	Gas	Gas
452	Jul	1329A	Bedford Townhouses	231 Middle Street - 1	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
453	Jul	1329J	Bedford Townhouses	231 Middle Street - 10	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
454	Jul	1329K	Bedford Townhouses	231 Middle Street - 11	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
455	Jul	1329L	Bedford Townhouses	231 Middle Street - 12	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
456	Jul	1329M	Bedford Townhouses	231 Middle Street - 13	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
457	Jul	1329N	Bedford Townhouses	231 Middle Street - 14	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
458	Jul	1329O	Bedford Townhouses	231 Middle Street - 15	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
459	Jul	1329P	Bedford Townhouses	231 Middle Street - 16	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
460	Jul	1329Q	Bedford Townhouses	231 Middle Street - 17	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
461	Jul	1329R	Bedford Townhouses	231 Middle Street - 18	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
462	Jul	1329S	Bedford Townhouses	231 Middle Street - 19	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
463	Jul	1329B	Bedford Townhouses	231 Middle Street - 2	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
464	Jul	1329T	Bedford Townhouses	231 Middle Street - 20	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
465	Jul	1329U	Bedford Townhouses	231 Middle Street - 21	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
466	Jul	1329V	Bedford Townhouses	231 Middle Street - 22	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
467	Jul	1329W	Bedford Townhouses	231 Middle Street - 23	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
468	Jul	1329X	Bedford Townhouses	231 Middle Street - 24	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
469	Jul	1329Y	Bedford Townhouses	231 Middle Street - 25	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
470	Jul	1329Z	Bedford Townhouses	231 Middle Street - 26	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
471	Jul	1329AA	Bedford Townhouses	231 Middle Street - 27	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
472	Jul	1329BB	Bedford Townhouses	231 Middle Street - 28	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
473	Jul	1329CC	Bedford Townhouses	231 Middle Street - 29	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
474	Jul	1329C	Bedford Townhouses	231 Middle Street - 3	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
475	Jul	1329DD	Bedford Townhouses	231 Middle Street - 30	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
476	Jul	1329EE	Bedford Townhouses	231 Middle Street - 31	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
477	Jul	1329FF	Bedford Townhouses	231 Middle Street - 32	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
478	Jul	1329GG	Bedford Townhouses	231 Middle Street - 33	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
479	Jul	1329HH	Bedford Townhouses	231 Middle Street - 34	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
480	Jul	1329II	Bedford Townhouses	231 Middle Street - 35	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas

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481	Jul	1329JJ	Bedford Townhouses	231 Middle Street - 36	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
482	Jul	1329KK	Bedford Townhouses	231 Middle Street - 37	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
483	Jul	1329LL	Bedford Townhouses	231 Middle Street - 38	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
484	Jul	1329MM	Bedford Townhouses	231 Middle Street - 39	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
485	Jul	1329D	Bedford Townhouses	231 Middle Street - 4	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
486	Jul	1329NN	Bedford Townhouses	231 Middle Street - 40	New Bedford	1	NStar	811	811	0	57800	469	0.58	Gas	Gas
487	Jul	1329E	Bedford Townhouses	231 Middle Street - 5	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
488	Jul	1329F	Bedford Townhouses	231 Middle Street - 6	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
489	Jul	1329G	Bedford Townhouses	231 Middle Street - 7	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
490	Jul	1329H	Bedford Townhouses	231 Middle Street - 8	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
491	Jul	1329I	Bedford Townhouses	231 Middle Street - 9	New Bedford	1	NStar	576	576	0	57800	333	0.58	Gas	Gas
492	Jul	9449A	Luby Avenue	1 Luby Avenue	Milford	1	NStar	2184	1456	728	215845130	29649	0.30	Gas	Gas
493	Jul	9449F	Luby Avenue	11 Luby Avenue	Milford	1	NStar	2184	1456	728	215845130	29649	0.30	Gas	Gas
494	Jul	9462A	Luby Avenue	29 Luby Avenue	Milford	1	NStar	1825	1217	608	197522650	48699	0.49	Gas	Gas
495	Jul	9449B	Luby Avenue	3 Luby Avenue	Milford	1	NStar	1456	970	485	215845130	29649	0.30	Gas	Gas
496	Jul	9462B	Luby Avenue	31 Luby Avenue	Milford	1	NStar	1217	811	406	197522650	48699	0.49	Gas	Gas
497	Jul	9462C	Luby Avenue	33 Luby Avenue	Milford	1	NStar	1825	1217	608	197522650	48699	0.49	Gas	Gas
498	Jul	9462D	Luby Avenue	35 Luby Avenue	Milford	1	NStar	1217	811	406	197522650	48699	0.49	Gas	Gas
499	Jul	9449C	Luby Avenue	5 Luby Avenue	Milford	1	NStar	2184	1456	728	215845130	29649	0.30	Gas	Gas
500	Jul	9466A	Luby Avenue	53 Luby Avenue	Milford	1	NStar	1825	1217	608	171062010	42175	0.42	Gas	Gas
501	Jul	9466B	Luby Avenue	55 Luby Avenue	Milford	1	NStar	1217	811	406	171062010	42175	0.42	Gas	Gas
502	Jul	9466C	Luby Avenue	57 Luby Avenue	Milford	1	NStar	1825	1217	608	171062010	42175	0.42	Gas	Gas
503	Jul	9466D	Luby Avenue	59 Luby Avenue	Milford	1	NStar	1217	811	406	171062010	42175	0.42	Gas	Gas
504	Jul	9449D	Luby Avenue	7 Luby Avenue	Milford	1	NStar	1456	970	485	215845130	29649	0.30	Gas	Gas
505	Jul	9467A	Luby Avenue	72 Luby Avenue	Milford	1	NStar	1825	1217	608	204266700	50362	0.50	Gas	Gas
506	Jul	9467B	Luby Avenue	74 Luby Avenue	Milford	1	NStar	1217	811	406	204266700	50362	0.50	Gas	Gas
507	Jul	9467C	Luby Avenue	76 Luby Avenue	Milford	1	NStar	1825	1217	608	204266700	50362	0.50	Gas	Gas
508	Jul	9467D	Luby Avenue	78 Luby Avenue	Milford	1	NStar	1217	811	406	204266700	50362	0.50	Gas	Gas
509	Jul	9449E	Luby Avenue	9 Luby Avenue	Milford	1	NStar	1456	970	485	215845130	29649	0.30	Gas	Gas
510	Jul	3247	Liberty Hill Apartments	210 Main St.	Marlborough	125	NStar	104000	104000	29000	830916700	7990	0.08	Electric	Gas
511	Jul	3231	Pleasant Street Apartments	Building 1	Marlborough	14	NStar	8140	8140	1140	1065667800	130917	1.31	Gas	Gas
512	Jul	3233	Pleasant Street Apartments	Building 2	Marlborough	8	NStar	4532	4532	532	593317900	130917	1.31	Gas	Gas
513	Jul	3234	Pleasant Street Apartments	Building 3	Marlborough	8	NStar	4532	4532	532	593317900	130917	1.31	Gas	Gas
514	Jul	3235	Pleasant Street Apartments	Building 4	Marlborough	12	NStar	6820	6820	820	892857800	130918	1.31	Gas	Gas
515	Jul	3236	Pleasant Street Apartments	Community Building	Marlborough	1	NStar	1410	1410	0	184593610	130917	1.31	Gas	Gas
516	Jul	Federal	ORTH AND PROVIDENCE APARTMEN	246 PROVIDENCE ST	Worcester	1	NStar	2100	1400	700	38049	533	0.38	Gas	Gas
517	Jul	Federal	ORTH AND PROVIDENCE APARTMEN	248 PROVIDENCE ST	Worcester	1	NStar	2100	1400	700	38049	533	0.38	Gas	Gas
518	Jul	Federal	ORTH AND PROVIDENCE APARTMEN	250 PROVIDENCE ST	Worcester	1	NStar	2100	1400	700	38049	533	0.38	Gas	Gas
519	Jul	Federal	ORTH AND PROVIDENCE APARTMEN	252 PROVIDENCE ST	Worcester	1	NStar	2100	1400	700	38049	533	0.38	Gas	Gas
520	Jul	Federal	ORTH AND PROVIDENCE APARTMEN	260 PROVIDENCE ST	Worcester	1	NStar	2100	1400	700	38049	533	0.38	Gas	Gas
521	Jul	Federal	ORTH AND PROVIDENCE APARTMEN	262 PROVIDENCE ST	Worcester	1	NStar	2100	1400	700	38049	533	0.38	Gas	Gas
522	Jul	Federal	ORTH AND PROVIDENCE APARTMEN	264 PROVIDENCE ST	Worcester	1	NStar	2100	1400	700	38049	533	0.38	Gas	Gas
523	Jul	Federal	ORTH AND PROVIDENCE APARTMEN	266 PROVIDENCE ST	Worcester	1	NStar	2100	1400	700	38049	533	0.38	Gas	Gas
524	Jul	7144	Clarendon Hill	34 NORTH STREET	Somerville	24	NStar	22400	16800	8960	1630785200	97071	0.97	Gas	Gas
525	Jul	7147	Clarendon Hill	34 REAR NORTH STREET	Somerville	24	NStar	22400	16800	7280	1630785200	97071	0.97	Gas	Gas
526	Jul	7167	James E. Hagan Manor	268 WASHINGTON STREET/BLDG 1	Somerville	24	NStar	27656	20896	9656	75098	15692	0.75	Gas	Gas
527	Jul	7139	Properzi Manor	WARREN AVEUNE/BLDG 1	Somerville	110	NStar	38456	34960	5768	4453756000	127396	1.27	Gas	Gas
528	Jul	2289A	Waterman Apartment	31 Veterans Parkway	Uxbridge	1	NStar	737	737	0	100556200	68220	0.68	Gas	Gas
529	Jul	2288A	Waterman Apartment	32 Veterans Parkway	Uxbridge	1	NStar	1316	1316	0	125249960	47587	0.48	Gas	Gas
530	Jul	2289B	Waterman Apartment	33 Veterans Parkway	Uxbridge	1	NStar	737	737	0	100556200	68220	0.68	Gas	Gas
531	Jul	2288B	Waterman Apartment	34 Veterans Parkway	Uxbridge	1	NStar	1316	1316	0	125249960	47587	0.48	Gas	Gas
532	Jul	2291A	Waterman Apartment	35 Veterans Parkway	Uxbridge	1	NStar	737	737	0	125299980	85007	0.85	Gas	Gas
533	Jul	2290A	Waterman Apartment	36 Veterans Parkway	Uxbridge	1	NStar	737	737	0	103787520	70412	0.70	Gas	Gas
534	Jul	2291B	Waterman Apartment	37 Veterans Parkway	Uxbridge	1	NStar	737	737	0	125299980	85007	0.85	Gas	Gas
535	Jul	2290B	Waterman Apartment	38 Veterans Parkway	Uxbridge	1	NStar	737	737	0	103787520	70412	0.70	Gas	Gas
536	Jul	2293A	Waterman Apartment	39 Veterans Parkway	Uxbridge	1	NStar	737	737	0	122168630	82882	0.83	Gas	Gas
537	Jul	2292A	Waterman Apartment	40 Veterans Parkway	Uxbridge	1	NStar	737	737	0	125299980	85007	0.85	Gas	Gas
538	Jul	2293B	Waterman Apartment	41 Veterans Parkway	Uxbridge	1	NStar	737	737	0	122168630	82882	0.83	Gas	Gas
539	Jul	2292B	Waterman Apartment	42 Veterans Parkway	Uxbridge	1	NStar	737	737	0	125299980	85007	0.85	Gas	Gas
540	Jul	8900	Wellington Community	22 Ethan Allen St	Worcester	6	NStar	8100	8100	1200	66454	5383	0.66	Gas	Gas

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541	Jul	8903	Wellington Community	25-27 Ethan Allen St	Worcester	12	NStar	15000	15000	2400	61156	9173	0.61	Gas	Gas
542	Jul	8901	Wellington Community	26 Ethan Allen St	Worcester	6	NStar	8100	8100	1200	24250	1964	0.24	Gas	Gas
543	Jul	8779	Wellington Community	33 Wellington St	Worcester	8	NStar	8000	8000	1800	86245	6900	0.86	Gas	Gas
544	Jul	8895	Wellington Community	44 Wellington St	Worcester	31	NStar	28000	28000	5850	74156	20764	0.74	Gas	Gas
545	Jul	8896	Wellington Community	46 Wellington St	Worcester	14	NStar	16600	16600	4250	69533	11542	0.70	Gas	Gas
546	Jul	8897	Wellington Community	51 Wellington St	Worcester	20	NStar	18500	18500	1500	65321	12084	0.65	Gas	Gas
547	Jul	8904	Wellington Community	6 Jaques Ave	Worcester	18	NStar	16800	16800	2350	66422	11159	0.66	Gas	Gas
548	Jul	8898	Wellington Community	84 Murray Ave	Worcester	8	NStar	12800	12800	4600	64768	8290	0.65	Gas	Gas
549	Jul	10533	Weston Manor	Weston Manor	Somerville	80	NStar	63450	63450	18650	1077711300	16985	0.17	Electric	Gas
550	Jul	10646A	Forest Lane	1 Forest Lane	Westborough	2	NStar	925	925	0	54154530	58545	0.59	Gas	Gas
551	Jul	10648B	Forest Lane	11 Forest Lane	Westborough	2	NStar	925	925	0	79875431	86352	0.86	Gas	Gas
552	Jul	10650A	Forest Lane	13 Forest Lane	Westborough	2	NStar	925	925	0	48336335	52255	0.52	Gas	Gas
553	Jul	10650B	Forest Lane	15 Forest Lane	Westborough	2	NStar	925	925	0	48336335	52255	0.52	Gas	Gas
554	Jul	10651A	Forest Lane	17 Forest Lane	Westborough	2	NStar	925	925	0	46811825	50607	0.51	Gas	Gas
555	Jul	10651B	Forest Lane	19 Forest Lane	Westborough	2	NStar	925	925	0	46811825	50607	0.51	Gas	Gas
556	Jul	10652A	Forest Lane	21 Forest Lane	Westborough	2	NStar	925	925	0	71607847	77414	0.77	Gas	Gas
557	Jul	10652B	Forest Lane	23 Forest Lane	Westborough	2	NStar	925	925	0	71607847	77414	0.77	Gas	Gas
558	Jul	10646B	Forest Lane	3 Forest Lane	Westborough	2	NStar	925	925	0	54154530	58545	0.59	Gas	Gas
559	Jul	10647A	Forest Lane	5 Forest Lane	Westborough	2	NStar	925	925	0	45064550	48718	0.49	Gas	Gas
560	Jul	10647B	Forest Lane	7 Forest Lane	Westborough	2	NStar	925	925	0	45064550	48718	0.49	Gas	Gas
561	Jul	10648A	Forest Lane	9 Forest Lane	Westborough	2	NStar	925	925	0	79875431	86352	0.86	Gas	Gas
562	Jul	4837A	Veterans	2 Myrtle Street	Westborough	2	NStar	850	850	0	63017310	74138	0.74	Gas	Gas
563	Jul	4837B	Veterans	2A Myrtle Street	Westborough	2	NStar	850	850	0	63017310	74138	0.74	Gas	Gas
564	Aug	7475A	12-18 Hingham St	12 Hingham St	Cambridge	1	NStar	1337	895	442	43660	391	0.44	Gas	Gas
565	Aug	7475B	12-18 Hingham St	14 Hingham St	Cambridge	1	NStar	2005	1343	662	43660	586	0.44	Gas	Gas
566	Aug	7475C	12-18 Hingham St	16 Hingham St	Cambridge	1	NStar	1337	895	442	43660	391	0.44	Gas	Gas
567	Aug	7475D	12-18 Hingham St	18 Hingham St	Cambridge	1	NStar	2005	1343	662	43660	586	0.44	Gas	Gas
568	Aug	0803	Autumn Woods	AW Block 1	Worcester	24	NStar	17856	17856	1944	77892	13908	0.78	Gas	Gas
569	Aug	0952	Autumn Woods	AW Block 10	Worcester	24	NStar	15552	15552	2304	77892	12114	0.78	Gas	Gas
570	Aug	0944	Autumn Woods	AW Block 2	Worcester	24	NStar	20160	20160	1584	77892	15703	0.78	Gas	Gas
571	Aug	0945	Autumn Woods	AW Block 3	Worcester	20	NStar	16800	16800	1320	77892	13086	0.78	Gas	Gas
572	Aug	0946	Autumn Woods	AW Block 4	Worcester	40	NStar	33600	33600	3840	77892	26172	0.78	Gas	Gas
573	Aug	10947	Autumn Woods	AW Block 5	Worcester	10	NStar	8400	8400	960	77892	6543	0.78	Gas	Gas
574	Aug	0948	Autumn Woods	AW Block 6	Worcester	30	NStar	31680	31680	2160	77892	24676	0.78	Gas	Gas
575	Aug	0949	Autumn Woods	AW Block 7	Worcester	30	NStar	31680	31680	2160	77892	24676	0.78	Gas	Gas
576	Aug	0950	Autumn Woods	AW Block 8	Worcester	48	NStar	40320	40320	4608	77892	31406	0.78	Gas	Gas
577	Aug	0951	Autumn Woods	AW Block 9	Worcester	24	NStar	15552	15552	2304	77892	12114	0.78	Gas	Gas
578	Aug	Federal	Captain Robert Cook	28 CAPT-ROBERT-COOK (COMM)	Needham	1	NStar	2174	2174	2174	70745	1538	0.71	Gas	Gas
579	Aug	Federal	East Dedham Square	1 High Street	Dedham	1	NStar	1080	1080	0	38602	417	0.39	Gas	Gas
580	Aug	Federal	East Dedham Square	21 O'Brien Way	Dedham	1	NStar	1080	1080	0	67253	726	0.67	Gas	Gas
581	Aug	Federal	East Dedham Square	23 O'Brien Way	Dedham	1	NStar	1080	1080	0	67253	726	0.67	Gas	Gas
582	Aug	Federal	East Dedham Square	25 O'Brien Way	Dedham	1	NStar	1080	1080	0	67253	726	0.67	Gas	Gas
583	Aug	Federal	East Dedham Square	27 O'Brien Way	Dedham	1	NStar	1080	1080	0	67253	726	0.67	Gas	Gas
584	Aug	Federal	East Dedham Square	29 O'Brien Way	Dedham	1	NStar	1080	1080	0	67253	726	0.67	Gas	Gas
585	Aug	Federal	East Dedham Square	3 High Street	Dedham	1	NStar	1080	1080	0	38602	417	0.39	Gas	Gas
586	Aug	Federal	East Dedham Square	31 O'Brien Way	Dedham	1	NStar	1080	1080	0	67253	726	0.67	Gas	Gas
587	Aug	Federal	East Dedham Square	41 O'Brien Way	Dedham	1	NStar	888	888	0	55940	497	0.56	Gas	Gas
588	Aug	Federal	East Dedham Square	43 O'Brien Way	Dedham	1	NStar	888	888	0	55940	497	0.56	Gas	Gas
589	Aug	Federal	East Dedham Square	45 O'Brien Way	Dedham	1	NStar	888	888	0	55940	497	0.56	Gas	Gas
590	Aug	Federal	East Dedham Square	47 O'Brien Way	Dedham	1	NStar	888	888	0	55940	497	0.56	Gas	Gas
591	Aug	Federal	East Dedham Square	57 O'Brien Way	Dedham	1	NStar	1080	1080	0	67917	734	0.68	Gas	Gas
592	Aug	Federal	East Dedham Square	59 O'Brien Way	Dedham	1	NStar	1080	1080	0	67917	734	0.68	Gas	Gas
593	Aug	Federal	East Dedham Square	5A-D High Street	Dedham	4	NStar	3552	3552	554	38602	1371	0.39	Gas	Gas
594	Aug	Federal	East Dedham Square	61 O'Brien Way	Dedham	1	NStar	1080	1080	0	67917	734	0.68	Gas	Gas
595	Aug	Federal	East Dedham Square	63 O'Brien Way	Dedham	1	NStar	1080	1080	0	67917	734	0.68	Gas	Gas
596	Aug	Federal	East Dedham Square	65 O'Brien Way	Dedham	1	NStar	1080	1080	0	67917	734	0.68	Gas	Gas
597	Aug	Federal	East Dedham Square	67 O'Brien Way	Dedham	1	NStar	1080	1080	0	67917	734	0.68	Gas	Gas
598	Aug	Federal	East Dedham Square	7 High Street	Dedham	1	NStar	1080	1080	0	38602	417	0.39	Gas	Gas
599	Aug	Federal	East Dedham Square	9 High Street	Dedham	1	NStar	1080	1080	0	38602	417	0.39	Gas	Gas
600	Aug	1369A	Framingham Green	Building 1	Framingham	22	NStar	14214	14214	3240	4493	31610	0.32	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
601	Aug	1369B	Framingham Green	Building 2	Framingham	32	NStar	20424	20424	4656	6456	31610	0.32	Gas	Gas
602	Aug	1369C	Framingham Green	Building 3	Framingham	18	NStar	11792	11792	2688	3727	31610	0.32	Gas	Gas
603	Aug	1369D	Framingham Green	Building 4	Framingham	15	NStar	9604	9604	2189	3036	31610	0.32	Gas	Gas
604	Aug	1369E	Framingham Green	Building 5	Framingham	24	NStar	15616	15616	3560	4936	31610	0.32	Gas	Gas
605	Aug	1369F	Framingham Green	Community Building	Framingham	1	NStar	3600	3600	3600	1138	31610	0.32	Gas	Gas
606	Aug	0885	Fresh Pond	362 Rindge Ave	Cambridge	252	NStar	249723	249723	41424	75530	188616	0.76	Gas	Gas
607	Aug	0886	Fresh Pond	364 Rindge Ave	Cambridge	252	NStar	249723	249723	41424	73600	183797	0.74	Gas	Gas
608	Aug	10791A	Little Neck Village	Cottage Building 301	Marion	1	NStar	607	607	0	54171	329	0.54	Gas	Gas
609	Aug	10791B	Little Neck Village	Cottage Building 302	Marion	1	NStar	607	607	0	54171	329	0.54	Gas	Gas
610	Aug	10791C	Little Neck Village	Cottage Building 303	Marion	1	NStar	607	607	0	54171	329	0.54	Gas	Gas
611	Aug	10791D	Little Neck Village	Cottage Building 304	Marion	1	NStar	607	607	0	54171	329	0.54	Gas	Gas
612	Aug	10791E	Little Neck Village	Cottage Building 305	Marion	1	NStar	607	607	0	54171	329	0.54	Gas	Gas
613	Aug	10791F	Little Neck Village	Cottage Building 306	Marion	1	NStar	607	607	0	54171	329	0.54	Gas	Gas
614	Aug	10792A	Little Neck Village	Cottage Building 401	Marion	1	NStar	607	607	0	48925	297	0.49	Gas	Gas
615	Aug	10792B	Little Neck Village	Cottage Building 402	Marion	1	NStar	607	607	0	48925	297	0.49	Gas	Gas
616	Aug	10792C	Little Neck Village	Cottage Building 403	Marion	1	NStar	607	607	0	48925	297	0.49	Gas	Gas
617	Aug	10792D	Little Neck Village	Cottage Building 404	Marion	1	NStar	607	607	0	48925	297	0.49	Gas	Gas
618	Aug	10792E	Little Neck Village	Cottage Building 405	Marion	1	NStar	607	607	0	48925	297	0.49	Gas	Gas
619	Aug	10792F	Little Neck Village	Cottage Building 406	Marion	1	NStar	607	607	0	48925	297	0.49	Gas	Gas
620	Aug	10793A	Little Neck Village	Cottage Building 501	Marion	1	NStar	607	607	0	42837	260	0.43	Gas	Gas
621	Aug	10793B	Little Neck Village	Cottage Building 502	Marion	1	NStar	607	607	0	42837	260	0.43	Gas	Gas
622	Aug	10793C	Little Neck Village	Cottage Building 503	Marion	1	NStar	607	607	0	42837	260	0.43	Gas	Gas
623	Aug	10793D	Little Neck Village	Cottage Building 504	Marion	1	NStar	607	607	0	42837	260	0.43	Gas	Gas
624	Aug	10793E	Little Neck Village	Cottage Building 505	Marion	1	NStar	607	607	0	42837	260	0.43	Gas	Gas
625	Aug	10793F	Little Neck Village	Cottage Building 506	Marion	1	NStar	607	607	0	42837	260	0.43	Gas	Gas
626	Aug	10790	Little Neck Village	Main Building	Marion	30	NStar	18564	18564	0	31527	5853	0.32	Gas	Gas
627	Aug	Federal	Seabeds Way	22 SEABEDS WAY	Needham	12	NStar	8856	8856	1000	56165	4974	0.56	Gas	Gas
628	Aug	Federal	Seabeds Way	26 SEABEDS WAY	Needham	12	NStar	8878	8878	1000	55384	4917	0.55	Gas	Gas
629	Aug	Federal	Seabeds Way	40 SEABEDS WAY	Needham	10	NStar	7874	7874	1000	56299	4433	0.56	Gas	Gas
630	Aug	Federal	Seabeds Way	46 SEABEDS WAY	Needham	12	NStar	8960	8960	1000	41618	3729	0.42	Gas	Gas
631	Aug	2647	Sol-E-Mar	Community Building	Dartmouth	1	NStar	1500	1500	1500	108000	1620	1.08	Gas	Gas
632	Aug	2638A	Sol-E-Mar	Sol-E-Mar Lane 1A	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
633	Aug	2638B	Sol-E-Mar	Sol-E-Mar Lane 1B	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
634	Aug	2638C	Sol-E-Mar	Sol-E-Mar Lane 1C	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
635	Aug	2638D	Sol-E-Mar	Sol-E-Mar Lane 1D	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
636	Aug	2639A	Sol-E-Mar	Sol-E-Mar Lane 2A	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
637	Aug	2639B	Sol-E-Mar	Sol-E-Mar Lane 2B	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
638	Aug	2639C	Sol-E-Mar	Sol-E-Mar Lane 2C	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
639	Aug	2639D	Sol-E-Mar	Sol-E-Mar Lane 2D	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
640	Aug	2640A	Sol-E-Mar	Sol-E-Mar Lane 3A	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
641	Aug	2640B	Sol-E-Mar	Sol-E-Mar Lane 3B	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
642	Aug	2640C	Sol-E-Mar	Sol-E-Mar Lane 3C	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
643	Aug	2640D	Sol-E-Mar	Sol-E-Mar Lane 3D	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
644	Aug	2641A	Sol-E-Mar	Sol-E-Mar Lane 4A	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
645	Aug	2641B	Sol-E-Mar	Sol-E-Mar Lane 4B	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
646	Aug	2641C	Sol-E-Mar	Sol-E-Mar Lane 4C	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
647	Aug	2641D	Sol-E-Mar	Sol-E-Mar Lane 4E	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
648	Aug	2641E	Sol-E-Mar	Sol-E-Mar Lane 4F	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
649	Aug	2641F	Sol-E-Mar	Sol-E-Mar Lane 4G	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
650	Aug	2642A	Sol-E-Mar	Sol-E-Mar Lane 5A	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
651	Aug	2642B	Sol-E-Mar	Sol-E-Mar Lane 5B	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
652	Aug	2642C	Sol-E-Mar	Sol-E-Mar Lane 5C	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
653	Aug	2642D	Sol-E-Mar	Sol-E-Mar Lane 5D	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
654	Aug	2642E	Sol-E-Mar	Sol-E-Mar Lane 5E	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
655	Aug	2642F	Sol-E-Mar	Sol-E-Mar Lane 5F	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
656	Aug	2643A	Sol-E-Mar	Sol-E-Mar Lane 6A	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
657	Aug	2643B	Sol-E-Mar	Sol-E-Mar Lane 6B	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
658	Aug	2643C	Sol-E-Mar	Sol-E-Mar Lane 6C	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
659	Aug	2643D	Sol-E-Mar	Sol-E-Mar Lane 6D	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
660	Aug	2643E	Sol-E-Mar	Sol-E-Mar Lane 6E	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas

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661	Aug	2643F	Sol-E-Mar	Sol-E-Mar Lane 6F	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
662	Aug	2644A	Sol-E-Mar	Sol-E-Mar Lane 7A	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
663	Aug	2644B	Sol-E-Mar	Sol-E-Mar Lane 7B	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
664	Aug	2644C	Sol-E-Mar	Sol-E-Mar Lane 7C	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
665	Aug	2644D	Sol-E-Mar	Sol-E-Mar Lane 7D	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
666	Aug	2645A	Sol-E-Mar	Sol-E-Mar Lane 8A	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
667	Aug	2645B	Sol-E-Mar	Sol-E-Mar Lane 8B	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
668	Aug	2645C	Sol-E-Mar	Sol-E-Mar Lane 8C	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
669	Aug	2645D	Sol-E-Mar	Sol-E-Mar Lane 8D	Dartmouth	1	NStar	672	672	0	108000	726	1.08	Gas	Gas
670	Aug	2646A	Sol-E-Mar	Sol-E-Mar Lane 9A	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
671	Aug	2646B	Sol-E-Mar	Sol-E-Mar Lane 9B	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
672	Aug	2646C	Sol-E-Mar	Sol-E-Mar Lane 9C	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
673	Aug	2646D	Sol-E-Mar	Sol-E-Mar Lane 9D	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
674	Aug	2646E	Sol-E-Mar	Sol-E-Mar Lane 9E	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
675	Aug	2646F	Sol-E-Mar	Sol-E-Mar Lane 9F	Dartmouth	1	NStar	500	500	0	108000	540	1.08	Gas	Gas
676	Aug	2430	Valentine Street	21 Valentine Street	Cambridge	6	NStar	5112	5112	0	71099	3635	0.71	Gas	Gas
677	Sep	7525	25 Sturgis St.	25 Sturgis St.	Worcester	16	NStar	6119	4871	1248	105000	5115	1.05	Gas	Gas
678	Sep	11098	Aberdeen CBFS	98 Aberdeen Ave	Cambridge	8	NStar	2860	1910	1900	72436	1384	0.72	Gas	Gas
679	Sep	10672	Cherry Hill (I & II)	130 Court St	Plymouth	37	NStar	32920	32920	14420	29149	9596	0.29	Gas	Gas
680	Sep	11535A	Fairmount	1 Bow Street	Boston	1	NStar	1350	900	450	83590	752	0.84	Gas	Gas
681	Sep	11578B	Fairmount	11 Bow Street	Boston	1	NStar	1425	950	475	91590	870	0.92	Gas	Gas
682	Sep	11546A	Fairmount	117 Garfield Ave	Boston	4	NStar	5700	3800	1900	83710	3181	0.84	Gas	Gas
683	Sep	11548A	Fairmount	119 Garfield Ave	Boston	1	NStar	1350	900	450	69680	627	0.70	Gas	Gas
684	Sep	11547	Fairmount	120 Garfield Ave	Boston	4	NStar	5700	3800	1900	75880	2883	0.76	Gas	Gas
685	Sep	11548B	Fairmount	121 Garfield Ave	Boston	1	NStar	1350	900	450	69680	627	0.70	Gas	Gas
686	Sep	11549A	Fairmount	122 Garfield Avenue Ext	Boston	1	NStar	1400	933	467	79900	746	0.80	Gas	Gas
687	Sep	11548C	Fairmount	123 Garfield Ave	Boston	1	NStar	1350	900	450	69680	627	0.70	Gas	Gas
688	Sep	11549B	Fairmount	124 Garfield Avenue Ext	Boston	1	NStar	1400	933	467	79900	746	0.80	Gas	Gas
689	Sep	11548D	Fairmount	125 Garfield Ave	Boston	1	NStar	1350	900	450	69680	627	0.70	Gas	Gas
690	Sep	11549C	Fairmount	126 Garfield Avenue Ext	Boston	1	NStar	1400	933	467	79900	746	0.80	Gas	Gas
691	Sep	11549D	Fairmount	128 Garfield Avenue Ext	Boston	1	NStar	1400	933	467	79900	746	0.80	Gas	Gas
692	Sep	11578C	Fairmount	13 Bow Street	Boston	1	NStar	1425	950	475	91590	870	0.92	Gas	Gas
693	Sep	11549E	Fairmount	130 Garfield Avenue Ext	Boston	1	NStar	1400	933	467	79900	746	0.80	Gas	Gas
694	Sep	11549F	Fairmount	132 Garfield Avenue Ext	Boston	1	NStar	1400	933	467	79900	746	0.80	Gas	Gas
695	Sep	11550A	Fairmount	134 Garfield Avenue Ext	Boston	1	NStar	1350	900	450	79460	715	0.79	Gas	Gas
696	Sep	11550B	Fairmount	136 Garfield Avenue Ext	Boston	1	NStar	1350	900	450	79460	715	0.79	Gas	Gas
697	Sep	11550C	Fairmount	138 Garfield Avenue Ext	Boston	1	NStar	1350	900	450	79460	715	0.79	Gas	Gas
698	Sep	11550D	Fairmount	140 Garfield Avenue Ext	Boston	1	NStar	1350	900	450	79460	715	0.79	Gas	Gas
699	Sep	11551A	Fairmount	142 Garfield Ave	Boston	1	NStar	1400	933	467	90600	846	0.91	Gas	Gas
700	Sep	11551B	Fairmount	144 Garfield Ave	Boston	1	NStar	1400	933	467	90600	846	0.91	Gas	Gas
701	Sep	11551C	Fairmount	146 Garfield Ave	Boston	1	NStar	1400	933	467	90600	846	0.91	Gas	Gas
702	Sep	11551D	Fairmount	148 Garfield Ave	Boston	1	NStar	1400	933	467	90600	846	0.91	Gas	Gas
703	Sep	11578D	Fairmount	15 Bow Street	Boston	1	NStar	1425	950	475	91590	870	0.92	Gas	Gas
704	Sep	11551E	Fairmount	150 Garfield Ave	Boston	1	NStar	1400	933	467	90600	846	0.91	Gas	Gas
705	Sep	11551F	Fairmount	152 Garfield Ave	Boston	1	NStar	1400	933	467	90600	846	0.91	Gas	Gas
706	Sep	11576	Fairmount	154 Garfield Ave	Boston	4	NStar	5700	3800	1900	76710	2915	0.77	Gas	Gas
707	Sep	11577	Fairmount	155 Garfield Ave	Boston	4	NStar	5700	3800	1900	74630	2836	0.75	Gas	Gas
708	Sep	11552A	Fairmount	156 Garfield Ave	Boston	1	NStar	1350	900	450	79960	720	0.80	Gas	Gas
709	Sep	11552B	Fairmount	158 Garfield Ave	Boston	1	NStar	1350	900	450	79960	720	0.80	Gas	Gas
710	Sep	11552C	Fairmount	160 Garfield Ave	Boston	1	NStar	1350	900	450	79960	720	0.80	Gas	Gas
711	Sep	11552D	Fairmount	162 Garfield Ave	Boston	1	NStar	1350	900	450	79960	720	0.80	Gas	Gas
712	Sep	11555A	Fairmount	164 Garfield Ave	Boston	1	NStar	1238	825	413	92020	759	0.92	Gas	Gas
713	Sep	11553A	Fairmount	165 Garfield Ave	Boston	1	NStar	1400	933	467	86580	808	0.87	Gas	Gas
714	Sep	11555B	Fairmount	166 Garfield Ave	Boston	1	NStar	1238	825	413	92020	759	0.92	Gas	Gas
715	Sep	11553B	Fairmount	167 Garfield Ave	Boston	1	NStar	1400	933	467	86580	808	0.87	Gas	Gas
716	Sep	11555C	Fairmount	168 Garfield Ave	Boston	1	NStar	1238	825	413	92020	759	0.92	Gas	Gas
717	Sep	11553C	Fairmount	169 Garfield Ave	Boston	1	NStar	1400	933	467	86580	808	0.87	Gas	Gas
718	Sep	11555D	Fairmount	170 Garfield Ave	Boston	1	NStar	1238	825	413	92020	759	0.92	Gas	Gas
719	Sep	11553D	Fairmount	171 Garfield Ave	Boston	1	NStar	1400	933	467	86580	808	0.87	Gas	Gas
720	Sep	11555E	Fairmount	172 Garfield Ave	Boston	1	NStar	1238	825	413	92020	759	0.92	Gas	Gas

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721	Sep	11553E	Fairmount	173 Garfield Ave	Boston	1	NStar	1400	933	467	86580	808	0.87	Gas	Gas
722	Sep	11555F	Fairmount	174 Garfield Ave	Boston	1	NStar	1238	825	413	92020	759	0.92	Gas	Gas
723	Sep	11553F	Fairmount	175 Garfield Ave	Boston	1	NStar	1400	933	467	86580	808	0.87	Gas	Gas
724	Sep	11555G	Fairmount	176 Garfield Ave	Boston	1	NStar	1238	825	413	92020	759	0.92	Gas	Gas
725	Sep	11554A	Fairmount	177 Garfield Ave	Boston	1	NStar	1238	825	413	78250	646	0.78	Gas	Gas
726	Sep	11555H	Fairmount	178 Garfield Ave	Boston	1	NStar	1238	825	413	92020	759	0.92	Gas	Gas
727	Sep	11554B	Fairmount	179 Garfield Ave	Boston	1	NStar	1238	825	413	78250	646	0.78	Gas	Gas
728	Sep	11556A	Fairmount	180 Garfield Ave	Boston	1	NStar	1425	950	475	88800	844	0.89	Gas	Gas
729	Sep	11554C	Fairmount	181 Garfield Ave	Boston	1	NStar	1238	825	413	78250	646	0.78	Gas	Gas
730	Sep	11556B	Fairmount	182 Garfield Ave	Boston	1	NStar	1425	950	475	88800	844	0.89	Gas	Gas
731	Sep	11554D	Fairmount	183 Garfield Ave	Boston	1	NStar	1238	825	413	78250	646	0.78	Gas	Gas
732	Sep	11556C	Fairmount	184 Garfield Ave	Boston	1	NStar	1425	950	475	88800	844	0.89	Gas	Gas
733	Sep	11554E	Fairmount	185 Garfield Ave	Boston	1	NStar	1238	825	413	78250	646	0.78	Gas	Gas
734	Sep	11556D	Fairmount	186 Garfield Ave	Boston	1	NStar	1425	950	475	88800	844	0.89	Gas	Gas
735	Sep	11554F	Fairmount	187 Garfield Ave	Boston	1	NStar	1238	825	413	78250	646	0.78	Gas	Gas
736	Sep	11557A	Fairmount	188 Garfield Ave	Boston	1	NStar	1238	825	413	99970	825	1.00	Gas	Gas
737	Sep	11554G	Fairmount	189 Garfield Ave	Boston	1	NStar	1238	825	413	78250	646	0.78	Gas	Gas
738	Sep	11537A	Fairmount	19 Bow Street	Boston	1	NStar	1350	900	450	89270	803	0.89	Gas	Gas
739	Sep	11557B	Fairmount	190 Garfield Ave	Boston	1	NStar	1238	825	413	99970	825	1.00	Gas	Gas
740	Sep	11554H	Fairmount	191 Garfield Ave	Boston	1	NStar	1238	825	413	78250	646	0.78	Gas	Gas
741	Sep	11557C	Fairmount	192 Garfield Ave	Boston	1	NStar	1238	825	413	99970	825	1.00	Gas	Gas
742	Sep	11558A	Fairmount	193 Garfield Ave	Boston	1	NStar	1238	825	413	93940	775	0.94	Gas	Gas
743	Sep	11557D	Fairmount	194 Garfield Ave	Boston	1	NStar	1238	825	413	99970	825	1.00	Gas	Gas
744	Sep	11558B	Fairmount	195 Garfield Ave	Boston	1	NStar	1238	825	413	93940	775	0.94	Gas	Gas
745	Sep	11557E	Fairmount	196 Garfield Ave	Boston	1	NStar	1238	825	413	99970	825	1.00	Gas	Gas
746	Sep	11558C	Fairmount	197 Garfield Ave	Boston	1	NStar	1238	825	413	93940	775	0.94	Gas	Gas
747	Sep	11557F	Fairmount	198 Garfield Ave	Boston	1	NStar	1238	825	413	99970	825	1.00	Gas	Gas
748	Sep	11558D	Fairmount	199 Garfield Ave	Boston	1	NStar	1238	825	413	93940	775	0.94	Gas	Gas
749	Sep	11575	Fairmount	2 Bow St	Boston	4	NStar	5700	3800	1900	77130	2931	0.77	Gas	Gas
750	Sep	11536A	Fairmount	2 New Acre Rd	Boston	1	NStar	1350	900	450	75350	678	0.75	Gas	Gas
751	Sep	11557G	Fairmount	200 Garfield Ave	Boston	1	NStar	1238	825	413	99970	825	1.00	Gas	Gas
752	Sep	11558E	Fairmount	201 Garfield Ave	Boston	1	NStar	1238	825	413	93940	775	0.94	Gas	Gas
753	Sep	11557H	Fairmount	202 Garfield Ave	Boston	1	NStar	1238	825	413	99970	825	1.00	Gas	Gas
754	Sep	11558F	Fairmount	203 Garfield Ave	Boston	1	NStar	1238	825	413	93940	775	0.94	Gas	Gas
755	Sep	11559A	Fairmount	204 Garfield Ave	Boston	1	NStar	1400	933	467	90700	847	0.91	Gas	Gas
756	Sep	11558G	Fairmount	205 Garfield Ave	Boston	1	NStar	1238	825	413	93940	775	0.94	Gas	Gas
757	Sep	11559B	Fairmount	206 Garfield Ave	Boston	1	NStar	1400	933	467	90700	847	0.91	Gas	Gas
758	Sep	11558H	Fairmount	207 Garfield Ave	Boston	1	NStar	1238	825	413	93940	775	0.94	Gas	Gas
759	Sep	11559C	Fairmount	208 Garfield Ave	Boston	1	NStar	1400	933	467	90700	847	0.91	Gas	Gas
760	Sep	11537B	Fairmount	21 Bow Street	Boston	1	NStar	1350	900	450	89270	803	0.89	Gas	Gas
761	Sep	11559D	Fairmount	210 Garfield Ave	Boston	1	NStar	1400	933	467	90700	847	0.91	Gas	Gas
762	Sep	11559E	Fairmount	212 Garfield Ave	Boston	1	NStar	1400	933	467	90700	847	0.91	Gas	Gas
763	Sep	11559F	Fairmount	214 Garfield Ave	Boston	1	NStar	1400	933	467	90700	847	0.91	Gas	Gas
764	Sep	11560A	Fairmount	215 Garfield Ave	Boston	1	NStar	1400	933	467	83230	777	0.83	Gas	Gas
765	Sep	11561A	Fairmount	216 Garfield Ave	Boston	1	NStar	1238	825	413	75010	619	0.75	Gas	Gas
766	Sep	11560B	Fairmount	217 Garfield Ave	Boston	1	NStar	1400	933	467	83230	777	0.83	Gas	Gas
767	Sep	11561B	Fairmount	218 Garfield Ave	Boston	1	NStar	1238	825	413	75010	619	0.75	Gas	Gas
768	Sep	11560C	Fairmount	219 Garfield Ave	Boston	1	NStar	1400	933	467	83230	777	0.83	Gas	Gas
769	Sep	11561C	Fairmount	220 Garfield Ave	Boston	1	NStar	1238	825	413	75010	619	0.75	Gas	Gas
770	Sep	11560D	Fairmount	221 Garfield Ave	Boston	1	NStar	1400	933	467	83230	777	0.83	Gas	Gas
771	Sep	11561D	Fairmount	222 Garfield Ave	Boston	1	NStar	1238	825	413	75010	619	0.75	Gas	Gas
772	Sep	11560E	Fairmount	223 Garfield Ave	Boston	1	NStar	1400	933	467	83230	777	0.83	Gas	Gas
773	Sep	11561E	Fairmount	224 Garfield Ave	Boston	1	NStar	1238	825	413	75010	619	0.75	Gas	Gas
774	Sep	11560F	Fairmount	225 Garfield Ave	Boston	1	NStar	1400	933	467	83230	777	0.83	Gas	Gas
775	Sep	11561F	Fairmount	226 Garfield Ave	Boston	1	NStar	1238	825	413	75010	619	0.75	Gas	Gas
776	Sep	11561G	Fairmount	228 Garfield Ave	Boston	1	NStar	1238	825	413	75010	619	0.75	Gas	Gas
777	Sep	11537C	Fairmount	23 Bow Street	Boston	1	NStar	1350	900	450	89270	803	0.89	Gas	Gas
778	Sep	11561H	Fairmount	230 Garfield Ave	Boston	1	NStar	1238	825	413	75010	619	0.75	Gas	Gas
779	Sep	11562A	Fairmount	232 Garfield Ave	Boston	1	NStar	1425	950	475	115790	1100	1.16	Gas	Gas
780	Sep	11562B	Fairmount	234 Garfield Ave	Boston	1	NStar	1425	950	475	115790	1100	1.16	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
781	Sep	11562C	Fairmount	236 Garfield Ave	Boston	1	NStar	1425	950	475	115790	1100	1.16	Gas	Gas
782	Sep	11562D	Fairmount	238 Garfield Ave	Boston	1	NStar	1425	950	475	115790	1100	1.16	Gas	Gas
783	Sep	11539A	Fairmount	24 Woodglen Rd	Boston	1	NStar	1238	825	413	96590	797	0.97	Gas	Gas
784	Sep	11564A	Fairmount	240 Garfield Ave	Boston	1	NStar	1238	825	413	101560	838	1.02	Gas	Gas
785	Sep	11564B	Fairmount	242 Garfield Ave	Boston	1	NStar	1238	825	413	101560	838	1.02	Gas	Gas
786	Sep	11564C	Fairmount	244 Garfield Ave	Boston	1	NStar	1238	825	413	101560	838	1.02	Gas	Gas
787	Sep	11574A	Fairmount	245 Dana Ave	Boston	1	NStar	1400	933	467	85035	794	0.85	Gas	Gas
788	Sep	11563A	Fairmount	245 Garfield Ave	Boston	1	NStar	1350	900	450	61830	556	0.62	Gas	Gas
789	Sep	11564D	Fairmount	246 Garfield Ave	Boston	1	NStar	1238	825	413	101560	838	1.02	Gas	Gas
790	Oct	11278	14 and 26 Catherine Street Realty Trust	14 Catharine St	Worcester	6	NStar	8000	6000	2000	130947	7857	1.31	Gas	Electric
791	Oct	11282	14 and 26 Catherine Street Realty Trust	26 Catharine St	Worcester	6	NStar	8000	6000	2000	107519	6451	1.08	Gas	Electric
792	Oct	1333	Churchill Court	2519-2525 Mass Ave	Cambridge	4	NStar	6440	6440	100	34938	2250	0.35	Gas	Gas
793	Oct	1334A	Churchill Court	2527 Mass Ave	Cambridge	1	NStar	1236	1236	0	90453	1118	0.90	Gas	Gas
794	Oct	1334B	Churchill Court	2529 Mass Ave	Cambridge	1	NStar	1236	1236	0	90453	1118	0.90	Gas	Gas
795	Oct	11356	Fairhaven Village	Building ABC	Fairhaven	61	NStar	67405	65335	15555	30514	19936	0.31	Gas	Gas
796	Oct	11355	Fairhaven Village	Building D	Fairhaven	90	NStar	112450	108950	25950	30527	33259	0.31	Gas	Gas
797	Oct	11357	Fairhaven Village	Building E	Fairhaven	10	NStar	22000	22000	0	29577	6507	0.31	Gas	Gas
798	Oct	11358A	Fairhaven Village	Building F - 1	Fairhaven	1	NStar	1100	1100	0	31300	344	0.31	Gas	Gas
799	Oct	11358B	Fairhaven Village	Building F - 2	Fairhaven	1	NStar	1100	1100	0	31300	344	0.31	Gas	Gas
800	Oct	11358C	Fairhaven Village	Building F - 3	Fairhaven	1	NStar	1100	1100	0	31300	344	0.31	Gas	Gas
801	Oct	11358D	Fairhaven Village	Building F - 4	Fairhaven	1	NStar	1100	1100	0	31300	344	0.31	Gas	Gas
802	Oct	11358E	Fairhaven Village	Building F - 5	Fairhaven	1	NStar	1100	1100	0	31300	344	0.31	Gas	Gas
803	Oct	11358F	Fairhaven Village	Building F - 6	Fairhaven	1	NStar	1100	1100	0	31300	344	0.31	Gas	Gas
804	Oct	11358G	Fairhaven Village	Building F - 7	Fairhaven	1	NStar	1100	1100	0	31300	344	0.31	Gas	Gas
805	Oct	11574B	Fairmount	247 Dana Ave	Boston	1	NStar	1400	933	467	85035	794	0.85	Gas	Gas
806	Oct	11563B	Fairmount	247 Garfield Ave	Boston	1	NStar	1350	900	450	61830	556	0.62	Gas	Gas
807	Oct	11564E	Fairmount	248 Garfield Ave	Boston	1	NStar	1238	825	413	101560	838	1.02	Gas	Gas
808	Oct	11574C	Fairmount	249 Dana Ave	Boston	1	NStar	1400	933	467	85035	794	0.85	Gas	Gas
809	Oct	11563C	Fairmount	249 Garfield Ave	Boston	1	NStar	1350	900	450	61830	556	0.62	Gas	Gas
810	Oct	11537D	Fairmount	25 Bow Street	Boston	1	NStar	1350	900	450	89270	803	0.89	Gas	Gas
811	Oct	11538A	Fairmount	25 Woodglen Rd	Boston	1	NStar	1400	933	467	97590	911	0.98	Gas	Gas
812	Oct	11564F	Fairmount	250 Garfield Ave	Boston	1	NStar	1238	825	413	101560	838	1.02	Gas	Gas
813	Oct	11574D	Fairmount	251 Dana Ave	Boston	1	NStar	1400	933	467	85035	794	0.85	Gas	Gas
814	Oct	11563D	Fairmount	251 Garfield Ave	Boston	1	NStar	1350	900	450	61830	556	0.62	Gas	Gas
815	Oct	11564G	Fairmount	252 Garfield Ave	Boston	1	NStar	1238	825	413	101560	838	1.02	Gas	Gas
816	Oct	11574E	Fairmount	253 Dana Ave	Boston	1	NStar	1400	933	467	85035	794	0.85	Gas	Gas
817	Oct	11564H	Fairmount	254 Garfield Ave	Boston	1	NStar	1238	825	413	101560	838	1.02	Gas	Gas
818	Oct	11574F	Fairmount	255 Dana Ave	Boston	1	NStar	1400	933	467	85035	794	0.85	Gas	Gas
819	Oct	11566A	Fairmount	255 Garfield Ave	Boston	1	NStar	1350	900	450	82860	746	0.83	Gas	Gas
820	Oct	11567A	Fairmount	256 Garfield Ave	Boston	1	NStar	1238	825	413	92800	766	0.93	Gas	Gas
821	Oct	11566B	Fairmount	257 Garfield Ave	Boston	1	NStar	1350	900	450	82860	746	0.83	Gas	Gas
822	Oct	11567B	Fairmount	258 Garfield Ave	Boston	1	NStar	1238	825	413	92800	766	0.93	Gas	Gas
823	Oct	11566C	Fairmount	259 Garfield Ave	Boston	1	NStar	1350	900	450	82860	746	0.83	Gas	Gas
824	Oct	11539B	Fairmount	26 Woodglen Rd	Boston	1	NStar	1238	825	413	96590	797	0.97	Gas	Gas
825	Oct	11567C	Fairmount	260 Garfield Ave	Boston	1	NStar	1238	825	413	92800	766	0.93	Gas	Gas
826	Oct	11566D	Fairmount	261 Garfield Ave	Boston	1	NStar	1350	900	450	82860	746	0.83	Gas	Gas
827	Oct	11567D	Fairmount	262 Garfield Ave	Boston	1	NStar	1238	825	413	92800	766	0.93	Gas	Gas
828	Oct	11569A	Fairmount	263 Garfield Ave	Boston	1	NStar	1425	950	475	89270	848	0.89	Gas	Gas
829	Oct	11567E	Fairmount	264 Garfield Ave	Boston	1	NStar	1238	825	413	92800	766	0.93	Gas	Gas
830	Oct	11569B	Fairmount	265 Garfield Ave	Boston	1	NStar	1425	950	475	89270	848	0.89	Gas	Gas
831	Oct	11567F	Fairmount	266 Garfield Ave	Boston	1	NStar	1238	825	413	92800	766	0.93	Gas	Gas
832	Oct	11569C	Fairmount	267 Garfield Ave	Boston	1	NStar	1425	950	475	89270	848	0.89	Gas	Gas
833	Oct	11567G	Fairmount	268 Garfield Ave	Boston	1	NStar	1238	825	413	92800	766	0.93	Gas	Gas
834	Oct	11569D	Fairmount	269 Garfield Ave	Boston	1	NStar	1425	950	475	89270	848	0.89	Gas	Gas
835	Oct	11540A	Fairmount	27 Bow Street	Boston	1	NStar	1238	825	413	91400	754	0.91	Gas	Gas
836	Oct	11538B	Fairmount	27 Woodglen Rd	Boston	1	NStar	1400	933	467	97590	911	0.98	Gas	Gas
837	Oct	11567H	Fairmount	270 Garfield Ave	Boston	1	NStar	1238	825	413	92800	766	0.93	Gas	Gas
838	Oct	11570A	Fairmount	271 Garfield Ave	Boston	1	NStar	1350	900	450	75850	683	0.76	Gas	Gas
839	Oct	11570B	Fairmount	273 Garfield Ave	Boston	1	NStar	1350	900	450	75850	683	0.76	Gas	Gas
840	Oct	11570C	Fairmount	275 Garfield Ave	Boston	1	NStar	1350	900	450	75850	683	0.76	Gas	Gas

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841	Oct	11570D	Fairmount	277 Garfield Ave	Boston	1	NStar	1350	900	450	75850	683	0.76	Gas	Gas
842	Oct	11539C	Fairmount	28 Woodglen Rd	Boston	1	NStar	1238	825	413	96590	797	0.97	Gas	Gas
843	Oct	11540B	Fairmount	29 Bow Street	Boston	1	NStar	1238	825	413	91400	754	0.91	Gas	Gas
844	Oct	11538C	Fairmount	29 Woodglen Rd	Boston	1	NStar	1400	933	467	97590	911	0.98	Gas	Gas
845	Oct	11535B	Fairmount	3 Bow Street	Boston	1	NStar	1350	900	450	83590	752	0.84	Gas	Gas
846	Oct	11539D	Fairmount	30 Woodglen Rd	Boston	1	NStar	1238	825	413	96590	797	0.97	Gas	Gas
847	Oct	11540C	Fairmount	31 Bow Street	Boston	1	NStar	1238	825	413	91400	754	0.91	Gas	Gas
848	Oct	11538D	Fairmount	31 Woodglen Rd	Boston	1	NStar	1400	933	467	97590	911	0.98	Gas	Gas
849	Oct	11539E	Fairmount	32 Woodglen Rd	Boston	1	NStar	1238	825	413	96590	797	0.97	Gas	Gas
850	Oct	11540D	Fairmount	33 Bow Street	Boston	1	NStar	1238	825	413	91400	754	0.91	Gas	Gas
851	Oct	11538E	Fairmount	33 Woodglen Rd	Boston	1	NStar	1400	933	467	97590	911	0.98	Gas	Gas
852	Oct	11539F	Fairmount	34 Woodglen Rd	Boston	1	NStar	1238	825	413	96590	797	0.97	Gas	Gas
853	Oct	11540E	Fairmount	35 Bow Street	Boston	1	NStar	1238	825	413	91400	754	0.91	Gas	Gas
854	Oct	11538F	Fairmount	35 Woodglen Rd	Boston	1	NStar	1400	933	467	97590	911	0.98	Gas	Gas
855	Oct	11539G	Fairmount	36 Woodglen Rd	Boston	1	NStar	1238	825	413	96590	797	0.97	Gas	Gas
856	Oct	11540F	Fairmount	37 Bow Street	Boston	1	NStar	1238	825	413	91400	754	0.91	Gas	Gas
857	Oct	11542A	Fairmount	37 Woodglen Rd	Boston	1	NStar	1350	900	450	96960	873	0.97	Gas	Gas
858	Oct	11539H	Fairmount	38 Woodglen Rd	Boston	1	NStar	1238	825	413	96590	797	0.97	Gas	Gas
859	Oct	11540G	Fairmount	39 Bow Street	Boston	1	NStar	1238	825	413	91400	754	0.91	Gas	Gas
860	Oct	11542B	Fairmount	39 Woodglen Rd	Boston	1	NStar	1350	900	450	96960	873	0.97	Gas	Gas
861	Oct	11536B	Fairmount	4 New Acre Rd	Boston	1	NStar	1350	900	450	75350	678	0.75	Gas	Gas
862	Oct	11544A	Fairmount	40 Bow Street	Boston	1	NStar	1400	933	467	88650	827	0.89	Gas	Gas
863	Oct	11540H	Fairmount	41 Bow Street	Boston	1	NStar	1238	825	413	91400	754	0.91	Gas	Gas
864	Oct	11542C	Fairmount	41 Woodglen Rd	Boston	1	NStar	1350	900	450	96960	873	0.97	Gas	Gas
865	Oct	11544B	Fairmount	42 Bow Street	Boston	1	NStar	1400	933	467	88650	827	0.89	Gas	Gas
866	Oct	11542D	Fairmount	43 Woodglen Rd	Boston	1	NStar	1350	900	450	96960	873	0.97	Gas	Gas
867	Oct	11544C	Fairmount	44 Bow Street	Boston	1	NStar	1400	933	467	88650	827	0.89	Gas	Gas
868	Oct	11545A	Fairmount	45 Woodglen Rd	Boston	1	NStar	1400	933	467	88970	830	0.89	Gas	Gas
869	Oct	11544D	Fairmount	46 Bow Street	Boston	1	NStar	1400	933	467	88650	827	0.89	Gas	Gas
870	Oct	11545B	Fairmount	47 Woodglen Rd	Boston	1	NStar	1400	933	467	88970	830	0.89	Gas	Gas
871	Oct	11544E	Fairmount	48 Bow Street	Boston	1	NStar	1400	933	467	88650	827	0.89	Gas	Gas
872	Oct	11545C	Fairmount	49 Woodglen Rd	Boston	1	NStar	1400	933	467	88970	830	0.89	Gas	Gas
873	Oct	11535C	Fairmount	5 Bow Street	Boston	1	NStar	1350	900	450	83590	752	0.84	Gas	Gas
874	Oct	11544F	Fairmount	50 Bow Street	Boston	1	NStar	1400	933	467	88650	827	0.89	Gas	Gas
875	Oct	11545D	Fairmount	51 Woodglen Rd	Boston	1	NStar	1400	933	467	88970	830	0.89	Gas	Gas
876	Oct	11545E	Fairmount	53 Woodglen Rd	Boston	1	NStar	1400	933	467	88970	830	0.89	Gas	Gas
877	Oct	11545F	Fairmount	55 Woodglen Rd	Boston	1	NStar	1400	933	467	88970	830	0.89	Gas	Gas
878	Oct	11536C	Fairmount	6 New Acre Rd	Boston	1	NStar	1350	900	450	75350	678	0.75	Gas	Gas
879	Oct	11535D	Fairmount	7 Bow Street	Boston	1	NStar	1350	900	450	83590	752	0.84	Gas	Gas
880	Oct	11536D	Fairmount	8 New Acre Rd	Boston	1	NStar	1350	900	450	75350	678	0.75	Gas	Gas
881	Oct	11578A	Fairmount	9 Bow Street	Boston	1	NStar	1425	950	475	91590	870	0.92	Gas	Gas
882	Oct	11543	Fairmount	Administration Building	Boston	1	NStar	6000	4000	2000	18275	731	0.18	Gas	Gas
883	Oct	11101	Hammond CBFS	71 Hammond St	Cambridge	8	NStar	2478	1678	1438	103532	1737	1.04	Gas	Gas
884	Oct	10589	Highland Gardens	Highland Gardens	Somerville	42	NStar	34400	30100	11720	88372	26600	0.88	Gas	Gas
885	Oct	11147	Highlander House CBFS	769 Broadway	Somerville	8	NStar	3531	2781	2411	130684	3634	1.31	Gas	Gas
886	Oct	1453	Irving Street Apartments	81 Irving St	Framingham	11	NStar	32014	28845	19014	8367	2413	0.08	Oil	Gas
887	Oct	7481	Jackson Gardens	Jackson Gardens Building A	Cambridge	27	NStar	32192	24144	11670	58735	14181	0.59	Gas	Gas
888	Oct	7482	Jackson Gardens	Jackson Gardens Building B	Cambridge	18	NStar	19740	14805	7156	55229	8177	0.55	Gas	Gas
889	Oct	6728A	Loftus Street	283 Loftus St	New Bedford	1	NStar	1848	1232	616	87795	1082	0.88	Gas	Gas
890	Oct	6728B	Loftus Street	285 Loftus St	New Bedford	1	NStar	1848	1232	616	87795	1082	0.88	Gas	Gas
891	Oct	1373	Melville Towers	850 Pleasant Street	New Bedford	327	NStar	269020	269020	59281	47399	127513	0.47	Gas	Gas
892	Oct	11124	MR Co-Op Network Office	71 Garfield Ave	Boston	4	NStar	1800	1000	1280	111669	1117	1.12	Gas	Gas
893	Oct	6501	Putnam School	86 OTIS ST	Cambridge	33	NStar	36287	36287	19787	34197	12409	0.34	Gas	Gas
894	Oct	11127	River Street CBFS	985 River St	Boston	8	NStar	3850	2950	2890	61112	1803	0.61	Gas	Gas
895	Oct	6642	Shillman House	49 Edmands Rd	Framingham	150	NStar	151020	151020	52609	15029	22696	0.15	Electric	Gas
896	Oct	11126	Valley Parkway	277 Neponset Valley Pkwy	Boston	4	NStar	2000	2000	1440	90207	1804	0.90	Gas	Gas
897	Oct	10640A	Veterans	35 School Street	Westborough	2	NStar	850	850	0	63236375	74396	0.74	Gas	Gas
898	Oct	10640B	Veterans	35A School Street	Westborough	2	NStar	850	850	0	63236375	74396	0.74	Gas	Gas
899	Oct	10641A	Veterans	41 School Street	Westborough	2	NStar	850	850	0	49418210	58139	0.58	Gas	Gas
900	Oct	10641B	Veterans	41A School Street	Westborough	2	NStar	850	850	0	49418210	58139	0.58	Gas	Gas

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901	Oct	10643A	Veterans	5 Forbes Street	Westborough	2	NStar	850	850	0	47027752	55327	0.55	Gas	Gas
902	Oct	10643B	Veterans	5A Forbes Street	Westborough	2	NStar	850	850	0	47027752	55327	0.55	Gas	Gas
903	Oct	2194	Washington Elms MASS 3-1	100 Harvard Street	Cambridge	12	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
904	Oct	2203	Washington Elms MASS 3-1	101 Washington Street	Cambridge	12	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
905	Oct	2195	Washington Elms MASS 3-1	110 Harvard Street	Cambridge	11	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
906	Oct	2204	Washington Elms MASS 3-1	111 Washington Street	Cambridge	12	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
907	Oct	2196	Washington Elms MASS 3-1	120 Harvard Street	Cambridge	11	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
908	Oct	2205	Washington Elms MASS 3-1	121 Washington Street	Cambridge	12	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
909	Oct	2197	Washington Elms MASS 3-1	130 Harvard Street	Cambridge	12	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
910	Oct	2198	Washington Elms MASS 3-1	140 Harvard Street	Cambridge	12	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
911	Oct	2206	Washington Elms MASS 3-1	141 Washington Street	Cambridge	12	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
912	Oct	2199	Washington Elms MASS 3-1	150 Harvard Street	Cambridge	11	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
913	Oct	2207	Washington Elms MASS 3-1	151 Washington Street	Cambridge	12	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
914	Oct	2200	Washington Elms MASS 3-1	160 Harvard Street	Cambridge	11	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
915	Oct	2208	Washington Elms MASS 3-1	161 Washington Street	Cambridge	12	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
916	Oct	2201	Washington Elms MASS 3-1	170 Windsor Street	Cambridge	11	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
917	Oct	2202	Washington Elms MASS 3-1	180 Windsor Street	Cambridge	12	NStar	12504	11854	650	84649	10034	0.85	Gas	Gas
918	Oct	11106	Woodbridge CBFS	11 Woodbridge St	Cambridge	9	NStar	6829	5729	5479	55727	3193	0.56	Gas	Gas
919	Nov	12297	Cochituate Homes	1 Interfaith Terrace	Framingham	8	NStar	6000	6000	320	134271	8056	1.34	Gas	Gas
920	Nov	12361	Cochituate Homes	2 Interfaith Terrace	Framingham	12	NStar	9000	9000	480	134271	12084	1.34	Gas	Gas
921	Nov	12362A	Cochituate Homes	3A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
922	Nov	12362B	Cochituate Homes	3B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
923	Nov	12362C	Cochituate Homes	3C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
924	Nov	12362D	Cochituate Homes	3D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
925	Nov	12363A	Cochituate Homes	4A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
926	Nov	12363B	Cochituate Homes	4B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
927	Nov	12363C	Cochituate Homes	4C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
928	Nov	12363D	Cochituate Homes	4D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
929	Nov	12364A	Cochituate Homes	5A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
930	Nov	12364B	Cochituate Homes	5B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
931	Nov	12364C	Cochituate Homes	5C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
932	Nov	12364D	Cochituate Homes	5D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
933	Nov	12365A	Cochituate Homes	6A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
934	Nov	12365B	Cochituate Homes	6B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
935	Nov	12365C	Cochituate Homes	6C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
936	Nov	12365D	Cochituate Homes	6D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
937	Nov	12366A	Cochituate Homes	7A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
938	Nov	12366B	Cochituate Homes	7B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
939	Nov	12366C	Cochituate Homes	7C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
940	Nov	12366D	Cochituate Homes	7D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
941	Nov	12367A	Cochituate Homes	8A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
942	Nov	12367B	Cochituate Homes	8B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
943	Nov	12367C	Cochituate Homes	8C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
944	Nov	12367D	Cochituate Homes	8D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
945	Nov	12368A	Cochituate Homes	9A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
946	Nov	12368B	Cochituate Homes	9B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
947	Nov	12368C	Cochituate Homes	9C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
948	Nov	12368D	Cochituate Homes	9D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
949	Nov	12369A	Cochituate Homes	10A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
950	Nov	12369B	Cochituate Homes	10B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
951	Nov	12369C	Cochituate Homes	10C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
952	Nov	12369D	Cochituate Homes	10D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
953	Nov	12370A	Cochituate Homes	11A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
954	Nov	12370B	Cochituate Homes	11B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
955	Nov	12370C	Cochituate Homes	11C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
956	Nov	12370D	Cochituate Homes	11D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
957	Nov	12371	Cochituate Homes	12A Interfaith Terrace (Community)	Framingham	1	NStar	1300	1300	1250	134271	1746	1.34	Gas	Gas
958	Nov	12372	Cochituate Homes	12B Interfaith Terrace (Community)	Framingham	1	NStar	1300	1300	1250	134271	1746	1.34	Gas	Gas
959	Nov	12373A	Cochituate Homes	14A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
960	Nov	12373B	Cochituate Homes	14B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
961	Nov	12373C	Cochituate Homes	14C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
962	Nov	12373D	Cochituate Homes	14D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
963	Nov	12374A	Cochituate Homes	15A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
964	Nov	12374B	Cochituate Homes	15B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
965	Nov	12374C	Cochituate Homes	15C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
966	Nov	12374D	Cochituate Homes	15D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
967	Nov	12375A	Cochituate Homes	16A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
968	Nov	12375B	Cochituate Homes	16B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
969	Nov	12375C	Cochituate Homes	16C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
970	Nov	12375D	Cochituate Homes	16D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
971	Nov	12398A	Cochituate Homes	17A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
972	Nov	12398B	Cochituate Homes	17B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
973	Nov	12398C	Cochituate Homes	17C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
974	Nov	12398D	Cochituate Homes	17D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
975	Nov	12399A	Cochituate Homes	18A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
976	Nov	12399B	Cochituate Homes	18B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
977	Nov	12399C	Cochituate Homes	18C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
978	Nov	12399D	Cochituate Homes	18D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
979	Nov	12400A	Cochituate Homes	19A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
980	Nov	12400B	Cochituate Homes	19B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
981	Nov	12400C	Cochituate Homes	19C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
982	Nov	12400D	Cochituate Homes	19D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
983	Nov	12401A	Cochituate Homes	20A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
984	Nov	12401B	Cochituate Homes	20B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
985	Nov	12401C	Cochituate Homes	20C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
986	Nov	12401D	Cochituate Homes	20D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
987	Nov	12402A	Cochituate Homes	21A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
988	Nov	12402B	Cochituate Homes	21B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
989	Nov	12402C	Cochituate Homes	21C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
990	Nov	12402D	Cochituate Homes	21D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
991	Nov	12403A	Cochituate Homes	22A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
992	Nov	12403B	Cochituate Homes	22B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
993	Nov	12403C	Cochituate Homes	22C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
994	Nov	12403D	Cochituate Homes	22D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
995	Nov	12404A	Cochituate Homes	23A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
996	Nov	12404B	Cochituate Homes	23B Interfaith Terrace	Framingham	1	NStar	1000	1000	0	134271	1343	1.34	Gas	Gas
997	Nov	12404C	Cochituate Homes	23C Interfaith Terrace	Framingham	1	NStar	1000	1000	0	134271	1343	1.34	Gas	Gas
998	Nov	12404D	Cochituate Homes	23D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
999	Nov	12407A	Cochituate Homes	24A Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1000	Nov	12407B	Cochituate Homes	24B Interfaith Terrace	Framingham	1	NStar	1000	1000	0	134271	1343	1.34	Gas	Gas
1001	Nov	12407C	Cochituate Homes	24C Interfaith Terrace	Framingham	1	NStar	1000	1000	0	134271	1343	1.34	Gas	Gas
1002	Nov	12407D	Cochituate Homes	24D Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1003	Nov	12408A	Cochituate Homes	25A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1004	Nov	12408B	Cochituate Homes	25B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1005	Nov	12408C	Cochituate Homes	25C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1006	Nov	12408D	Cochituate Homes	25D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1007	Nov	12409A	Cochituate Homes	26A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1008	Nov	12409B	Cochituate Homes	26B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1009	Nov	12409C	Cochituate Homes	26C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1010	Nov	12409D	Cochituate Homes	26D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1011	Nov	12410A	Cochituate Homes	27A Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1012	Nov	12410B	Cochituate Homes	27B Interfaith Terrace	Framingham	1	NStar	1000	1000	0	134271	1343	1.34	Gas	Gas
1013	Nov	12410C	Cochituate Homes	27C Interfaith Terrace	Framingham	1	NStar	1000	1000	0	134271	1343	1.34	Gas	Gas
1014	Nov	12410D	Cochituate Homes	27D Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1015	Nov	12411A	Cochituate Homes	28A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1016	Nov	12411B	Cochituate Homes	28B Interfaith Terrace	Framingham	1	NStar	1000	1000	0	134271	1343	1.34	Gas	Gas
1017	Nov	12411C	Cochituate Homes	28C Interfaith Terrace	Framingham	1	NStar	1000	1000	0	134271	1343	1.34	Gas	Gas
1018	Nov	12411D	Cochituate Homes	28D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1019	Nov	12414A	Cochituate Homes	29A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1020	Nov	12414B	Cochituate Homes	29B Interfaith Terrace	Framingham	1	NStar	1000	1000	0	134271	1343	1.34	Gas	Gas

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1021	Nov	12414C	Cochituate Homes	29C Interfaith Terrace	Framingham	1	NStar	1000	1000	0	134271	1343	1.34	Gas	Gas
1022	Nov	12414D	Cochituate Homes	29D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1023	Nov	12416A	Cochituate Homes	30A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1024	Nov	12416B	Cochituate Homes	30B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1025	Nov	12416C	Cochituate Homes	30C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1026	Nov	12416D	Cochituate Homes	30D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1027	Nov	12417A	Cochituate Homes	31A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1028	Nov	12417B	Cochituate Homes	31B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1029	Nov	12417C	Cochituate Homes	31C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1030	Nov	12417D	Cochituate Homes	31D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1031	Nov	12418A	Cochituate Homes	32A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1032	Nov	12418B	Cochituate Homes	32B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1033	Nov	12418C	Cochituate Homes	32C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1034	Nov	12418D	Cochituate Homes	32D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1035	Nov	12420A	Cochituate Homes	33A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1036	Nov	12420B	Cochituate Homes	33B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1037	Nov	12420C	Cochituate Homes	33C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1038	Nov	12420D	Cochituate Homes	33D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1039	Nov	12422A	Cochituate Homes	34A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1040	Nov	12422B	Cochituate Homes	34B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1041	Nov	12422C	Cochituate Homes	34C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1042	Nov	12422D	Cochituate Homes	34D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1043	Nov	12423A	Cochituate Homes	35A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1044	Nov	12423B	Cochituate Homes	35B Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1045	Nov	12423C	Cochituate Homes	35C Interfaith Terrace	Framingham	1	NStar	900	900	0	134271	1208	1.34	Gas	Gas
1046	Nov	12423D	Cochituate Homes	35D Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1047	Nov	12425A	Cochituate Homes	36A Interfaith Terrace	Framingham	1	NStar	800	800	0	134271	1074	1.34	Gas	Gas
1048	Dec	12468	The Fairways	200A E Mountain St (Clubhouse)	Worcester	1	NStar	5974	5974	5924	52633	3144	0.53	Gas	Gas
1049	Dec	12464A	The Fairways	1 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1050	Dec	12464B	The Fairways	3 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1051	Dec	12464C	The Fairways	5 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1052	Dec	12464D	The Fairways	7 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1053	Dec	12464E	The Fairways	9 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1054	Dec	12464F	The Fairways	11 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1055	Dec	12464G	The Fairways	13 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1056	Dec	12464H	The Fairways	15 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1057	Dec	12464I	The Fairways	17 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1058	Dec	12464J	The Fairways	19 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1059	Dec	12464K	The Fairways	21 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1060	Dec	12464L	The Fairways	23 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1061	Dec	12465A	The Fairways	25-31 Mountain Village	Worcester	4	NStar	3000	2480	520	52630	1305	0.53	Gas	Gas
1062	Dec	12465B	The Fairways	33 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1063	Dec	12465C	The Fairways	35 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1064	Dec	12465D	The Fairways	37 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1065	Dec	12465E	The Fairways	39 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1066	Dec	12465F	The Fairways	41 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1067	Dec	12465G	The Fairways	43 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1068	Dec	12465H	The Fairways	45 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1069	Dec	12465I	The Fairways	47 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1070	Dec	12466A	The Fairways	49 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1071	Dec	12466B	The Fairways	51 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1072	Dec	12466C	The Fairways	53 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1073	Dec	12466D	The Fairways	55 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1074	Dec	12466E	The Fairways	57 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1075	Dec	12466F	The Fairways	59 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1076	Dec	12466G	The Fairways	61 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1077	Dec	12466H	The Fairways	63 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1078	Dec	12466I	The Fairways	65 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1079	Dec	12466J	The Fairways	67 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1080	Dec	12466K	The Fairways	69 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1081	Dec	12466L	The Fairways	71 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1082	Dec	12467A	The Fairways	73-79 Mountain Village	Worcester	4	NStar	3000	2480	520	52630	1305	0.53	Gas	Gas
1083	Dec	12467B	The Fairways	81 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1084	Dec	12467C	The Fairways	83 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1085	Dec	12467D	The Fairways	85 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1086	Dec	12467E	The Fairways	87 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1087	Dec	12467F	The Fairways	89 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1088	Dec	12467G	The Fairways	91 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1089	Dec	12467H	The Fairways	93 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1090	Dec	12467I	The Fairways	95 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1091	Dec	12449A	The Fairways	2 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1092	Dec	12449B	The Fairways	4 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1093	Dec	12449C	The Fairways	6-12 Mountain Village	Worcester	4	NStar	3000	2480	520	52630	1305	0.53	Gas	Gas
1094	Dec	12449D	The Fairways	14 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1095	Dec	12449E	The Fairways	16 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1096	Dec	12449F	The Fairways	18 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1097	Dec	12449G	The Fairways	20 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1098	Dec	12449H	The Fairways	22 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1099	Dec	12449I	The Fairways	24 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1100	Dec	12456A	The Fairways	26 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1101	Dec	12456B	The Fairways	28 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1102	Dec	12456C	The Fairways	30 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1103	Dec	12456D	The Fairways	32 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1104	Dec	12456E	The Fairways	34 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1105	Dec	12456F	The Fairways	36 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1106	Dec	12456G	The Fairways	38 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1107	Dec	12456H	The Fairways	40 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1108	Dec	12456I	The Fairways	42 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1109	Dec	12456J	The Fairways	44 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1110	Dec	12450A	The Fairways	46 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1111	Dec	12450B	The Fairways	48 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1112	Dec	12450C	The Fairways	50-56 Mountain Village	Worcester	4	NStar	3000	2480	520	52630	1305	0.53	Gas	Gas
1113	Dec	12450D	The Fairways	58 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1114	Dec	12450E	The Fairways	60 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1115	Dec	12450F	The Fairways	62 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1116	Dec	12450G	The Fairways	64 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1117	Dec	12450H	The Fairways	66 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1118	Dec	12450I	The Fairways	68 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1119	Dec	12457A	The Fairways	70 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1120	Dec	12457B	The Fairways	72 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1121	Dec	12457C	The Fairways	74 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1122	Dec	12457D	The Fairways	76 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1123	Dec	12457E	The Fairways	78 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1124	Dec	12457F	The Fairways	80 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1125	Dec	12457G	The Fairways	82 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1126	Dec	12457H	The Fairways	84 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1127	Dec	12457I	The Fairways	86 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1128	Dec	12457J	The Fairways	88 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1129	Dec	12460A	The Fairways	90 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1130	Dec	12460B	The Fairways	92 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1131	Dec	12460C	The Fairways	94 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1132	Dec	12460D	The Fairways	96 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1133	Dec	12460E	The Fairways	98 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1134	Dec	12460F	The Fairways	100 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1135	Dec	12460G	The Fairways	102 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1136	Dec	12460H	The Fairways	104 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1137	Dec	12460I	The Fairways	106 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1138	Dec	12460J	The Fairways	108 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1139	Dec	12451A	The Fairways	110 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1140	Dec	12451B	The Fairways	112 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1141	Dec	12451C	The Fairways	114-120 Mountain Village	Worcester	4	NStar	3000	2480	520	52630	1305	0.53	Gas	Gas
1142	Dec	12451D	The Fairways	122 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1143	Dec	12451E	The Fairways	124 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1144	Dec	12451F	The Fairways	126 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1145	Dec	12451G	The Fairways	128 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1146	Dec	12451H	The Fairways	130 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1147	Dec	12451I	The Fairways	132 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1148	Dec	12462A	The Fairways	134 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1149	Dec	12462B	The Fairways	136 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1150	Dec	12462C	The Fairways	138 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1151	Dec	12462D	The Fairways	140 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1152	Dec	12462E	The Fairways	142 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1153	Dec	12462F	The Fairways	144 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1154	Dec	12462G	The Fairways	146 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1155	Dec	12462H	The Fairways	148 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1156	Dec	12462I	The Fairways	150 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1157	Dec	12462J	The Fairways	152 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1158	Dec	12453A	The Fairways	154 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1159	Dec	12453B	The Fairways	156 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1160	Dec	12453C	The Fairways	158-164 Mountain Village	Worcester	4	NStar	3000	2480	520	52630	1305	0.53	Gas	Gas
1161	Dec	12453D	The Fairways	166 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1162	Dec	12453E	The Fairways	168 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1163	Dec	12453F	The Fairways	170 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1164	Dec	12453G	The Fairways	172 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1165	Dec	12453H	The Fairways	174 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1166	Dec	12453I	The Fairways	176 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1167	Dec	12445A	The Fairways	178 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1168	Dec	12445B	The Fairways	180 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1169	Dec	12445C	The Fairways	182 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1170	Dec	12445D	The Fairways	184 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1171	Dec	12445E	The Fairways	186 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1172	Dec	12445F	The Fairways	188 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1173	Dec	12443A	The Fairways	198-204 Mountain Village	Worcester	4	NStar	3000	2480	520	52630	1305	0.53	Gas	Gas
1174	Dec	12443B	The Fairways	206-212 Mountain Village	Worcester	4	NStar	3000	2480	520	52630	1305	0.53	Gas	Gas
1175	Dec	12443C	The Fairways	214 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas
1176	Dec	12443D	The Fairways	216 Mountain Village	Worcester	1	NStar	1039	1039	0	52630	547	0.53	Gas	Gas

Unitil Electric 2012 Usage

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
1	Jan	6701	Green Acres	31-37 Normandy Rd	Fitchburg	4	Unitil	5964	3976	1232	5.39	N/A	Gas	Gas
2	Jan	6690	Green Acres	34-40 Leyte Rd	Fitchburg	4	Unitil	5133	3422	1061	5.44	N/A	Gas	Gas
3	Jan	6708	Green Acres	5 & 7 Normandy Rd	Fitchburg	2	Unitil	3360	2240	695	3.49	N/A	Gas	Gas
4	Jan	6694	Green Acres	73-79 Normandy Rd	Fitchburg	4	Unitil	5133	3422	1061	4.76	N/A	Gas	Gas
5	Jan	6695	Green Acres	77-83 Leyte Rd	Fitchburg	4	Unitil	5133	3422	1061	3.46	N/A	Gas	Gas
6	Feb	6709	Green Acres	123 & 125 Normandy Rd	Fitchburg	2	Unitil	2940	1960	1587	2.27	N/A	Gas	Gas
7	Feb	6688	Green Acres	17-23 Normandy Rd	Fitchburg	4	Unitil	5133	3422	2772	2.33	N/A	Gas	Gas
8	Feb	6700	Green Acres	25-31 Leyte Rd	Fitchburg	4	Unitil	5964	3976	3220	2.24	N/A	Gas	Gas
9	Feb	6681	Green Acres	49-55 Leyte Rd	Fitchburg	4	Unitil	5112	3408	2761	3.30	N/A	Gas	Gas
10	Feb	3392	Pleasant	132 Pleasant	Fitchburg	6	Unitil	6066	4550	3066	0.17	N/A	Gas	Gas
11	Mar	6673	Green Acres	1-7 Leyte Rd	Fitchburg	4	Unitil	5112	3408	2761	2.61	N/A	Gas	Gas
12	Mar	6674	Green Acres	107-113 Normandy Rd	Fitchburg	4	Unitil	3408	3408	1057	1.09	N/A	Gas	Gas
13	Mar	6706	Green Acres	117 & 119 Normandy Rd	Fitchburg	2	Unitil	3360	1815	1815	1.29	N/A	Gas	Gas
14	Mar	6689	Green Acres	20-26 Normandy Rd	Fitchburg	4	Unitil	5133	3422	2772	0.84	N/A	Gas	Gas
15	Mar	6671	Green Acres	36 - 42 Normandy Road	Fitchburg	4	Unitil	5112	3408	2761	0.85	N/A	Gas	Gas
16	Apr	6702	Green Acres	35-41 Wanoosnock Rd	Fitchburg	4	Unitil	5964	3976	3220	4.31	N/A	Gas	Gas
17	Apr	6703	Green Acres	66-72 Leyte Rd	Fitchburg	4	Unitil	5964	3976	3220	5.84	N/A	Gas	Gas
18	Apr	6693	Green Acres	66-72 Normandy Rd	Fitchburg	4	Unitil	5133	3422	2772	5.28	N/A	Gas	Gas
19	Apr	6683	Green Acres	67-73 Leyte Rd	Fitchburg	4	Unitil	5112	3408	2761	3.71	N/A	Gas	Gas
20	Apr	6696	Green Acres	88-94 Normandy Rd	Fitchburg	4	Unitil	5133	3422	2772	5.42	N/A	Gas	Gas
21	May	6705	Green Acres	9-15 Leyte Rd	Fitchburg	4	Unitil	5964	3976	3220	4.66	N/A	Gas	Gas
22	May	6687	Green Acres	98-104 Normandy Rd	Fitchburg	4	Unitil	5112	3408	2761	3.38	N/A	Gas	Gas
23	May	3405	Sheridan	7 Sheridan st	Fitchburg	1	Unitil	1146	688	0	5.61	N/A	Oil	Oil
24	May	3399	Taft	28 Taft St	Fitchburg	1	Unitil	995	995	0	6.67	N/A	Gas	Gas
25	Jul	6509A	White St.	125A White St	Lunenberg	1	Unitil	1725	1150	575	4.19	N/A	Gas	Gas
26	Jul	6509B	White St.	125B White St	Lunenberg	1	Unitil	1725	1150	575	4.19	N/A	Gas	Gas
27	Jul	6510A	White St.	127A White St	Lunenberg	1	Unitil	1725	1150	575	2.76	N/A	Gas	Gas
28	Jul	6510B	White St.	127B White St	Lunenberg	1	Unitil	1725	1150	575	2.76	N/A	Gas	Gas
29	Jul	6511A	White St.	129A White St	Lunenberg	1	Unitil	1725	1150	575	3.16	N/A	Gas	Gas
30	Jul	6511B	White St.	129B White St	Lunenberg	1	Unitil	1725	1150	575	3.16	N/A	Gas	Gas
31	Nov	3401A	Overland	110 Overland St.	Fitchburg	1	Unitil	1872	1248	624	4.47	N/A	Oil	Gas
32	Nov	3401B	Overland	112 Overland St.	Fitchburg	1	Unitil	1872	1248	624	4.47	N/A	Oil	Gas
33	Dec	3395	Prospect St.	16 Prospect St	Fitchburg	10	Unitil	6400	4800	1900	3.86	N/A	Oil	Gas

Unitil Gas 2012 Usage

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total ft2	Conditioned ft2	Common area ft2	Btu/ Conditioned ft2	Annual therms	Therms/ ft2	Heating Fuel	Hot Water Fuel
1	Jan	6685	Green Acres	78-84 Leyte Rd	Fitchburg	4	Unitil	5112	3408	1057	67908	2314	0.68	Gas	Gas
2	Jan	6696	Green Acres	88-94 Normandy Rd	Fitchburg	4	Unitil	5133	3422	1061	74991	2566	0.75	Gas	Gas
3	Jan	6705	Green Acres	9-15 Leyte Rd	Fitchburg	4	Unitil	5964	3976	1232	69893	2779	0.70	Gas	Gas
4	Jan	6697	Green Acres	90-96 Leyte Rd	Fitchburg	4	Unitil	5133	3422	1061	82294	2816	0.82	Gas	Gas
5	Jan	6698	Green Acres	97-103 Leyte Rd	Fitchburg	4	Unitil	5133	3422	1061	80712	2762	0.81	Gas	Gas
6	Feb	6508	Pearl Brook	131 White St. - Building C	Lunenberg	1	Unitil	2400	1200	2399	4313	52	0.04	Gas	Gas
7	Feb	6503	Pearl Brook	131 White St. - C & D	Lunenberg	8	Unitil	6000	4000	2000	72940	2918	0.73	Gas	Gas
8	Feb	6504	Pearl Brook	131 White St. - E & F	Lunenberg	8	Unitil	6000	4000	2000	70027	2801	0.70	Gas	Gas
9	Feb	6505	Pearl Brook	131 White St. - G & H	Lunenberg	8	Unitil	6000	4000	2000	66629	2665	0.67	Gas	Gas
10	Feb	6506	Pearl Brook	131 White St. - J & K	Lunenberg	8	Unitil	6000	4000	2000	64986	2599	0.65	Gas	Gas
11	Mar	5918	Binnall House	125 Connors Street	Gardner	134	Unitil	110682	110682	27308	36289	40166	0.36	Gas	Gas
12	Mar	6689	Green Acres	20-26 Normandy Rd	Fitchburg	4	Unitil	5133	3422	2772	68288	2337	0.68	Gas	Gas
13	Mar	6677	Green Acres	33-39 Leyte Rd	Fitchburg	4	Unitil	5112	3408	2761	67463	2299	0.67	Gas	Gas
14	Mar	6711	Green Acres	48 & 50 Normandy Rd	Fitchburg	2	Unitil	2940	1960	1587	69015	1353	0.69	Gas	Gas
15	Mar	6714	Green Acres	887 & 889 Water St	Fitchburg	2	Unitil	2940	1960	1587	37177	729	0.37	Gas	Gas
16	Apr	6676	Green Acres	17-23 Leyte Rd	Fitchburg	4	Unitil	5112	3408	2761	69914	2383	0.70	Gas	Gas
17	Apr	6691	Green Acres	41-47 Leyte Rd	Fitchburg	4	Unitil	5133	3422	2772	79034	2705	0.79	Gas	Gas
18	Apr	6678	Green Acres	43-49 Normandy Rd	Fitchburg	4	Unitil	5112	3408	2761	69882	2382	0.70	Gas	Gas
19	Apr	6693	Green Acres	66-72 Normandy Rd	Fitchburg	4	Unitil	5133	3422	2772	81972	2805	0.82	Gas	Gas
20	Apr	6695	Green Acres	77-83 Leyte Rd	Fitchburg	4	Unitil	5133	3422	2772	75875	2596	0.76	Gas	Gas
21	May	6502	Pearl Brook	131 White St. - A & B	Lunenburg	8	Unitil	4000	4000	0	73557	2942	0.74	Gas	Gas
22	May	6507	Pearl Brook	131 White St. - L & M	Lunenburg	8	Unitil	4000	4000	0	67738	2710	0.68	Gas	Gas
23	Jul	10720A	Olde English Village	120 Manca - A	Gardner	1	Unitil	1704	1136	568	115060	1307	1.15	Gas	Gas
24	Jul	10720B	Olde English Village	120 Manca - B	Gardner	1	Unitil	1704	1136	568	115060	1307	1.15	Gas	Gas
25	Jul	10721A	Olde English Village	124 Manca - A	Gardner	1	Unitil	1704	1136	568	115060	1307	1.15	Gas	Gas
26	Jul	10721B	Olde English Village	124 Manca - B	Gardner	1	Unitil	1704	1136	568	115060	1307	1.15	Gas	Gas
27	Jul	10722A	Olde English Village	128 Manca - A	Gardner	1	Unitil	1704	1136	568	115060	1307	1.15	Gas	Gas
28	Jul	10722B	Olde English Village	128 Manca - B	Gardner	1	Unitil	1704	1136	568	115060	1307	1.15	Gas	Gas
29	Jul	10725	Olde English Village	152 Manca (plus office)	Gardner	10	Unitil	17000	17000	7690	55533	9441	0.56	Gas	Gas
30	Jul	10726	Olde English Village	156 Manca	Gardner	10	Unitil	10800	10800	2112	68295	7376	0.68	Gas	Gas
31	Jul	10727	Olde English Village	160 Manca	Gardner	10	Unitil	10800	10800	2112	68295	7376	0.68	Gas	Gas
32	Jul	10723	Olde English Village	164 Manca	Gardner	10	Unitil	8100	8100	2440	49666	4023	0.50	Gas	Gas
33	Jul	6509A	White St.	125A White St	Lunenberg	1	Unitil	1725	1150	575	44369	494	0.44	Gas	Gas
34	Jul	6509B	White St.	125B White St	Lunenberg	1	Unitil	1725	1150	575	44369	494	0.44	Gas	Gas
35	Jul	6510A	White St.	127A White St	Lunenberg	1	Unitil	1725	1150	575	38344	325	0.38	Gas	Gas
36	Jul	6510B	White St.	127B White St	Lunenberg	1	Unitil	1725	1150	575	38344	325	0.38	Gas	Gas
37	Jul	6511A	White St.	129A White St	Lunenberg	1	Unitil	1725	1150	575	33123	373	0.33	Gas	Gas
38	Jul	6511B	White St.	129B White St	Lunenberg	1	Unitil	1725	1150	575	33123	373	0.33	Gas	Gas
39	Aug	10709	Olde English Village	52 Hemlock	Gardner	12	Unitil	13500	13500	2328	51092	6897	0.51	Gas	Gas
40	Aug	10712	Olde English Village	56 Hemlock	Gardner	10	Unitil	9600	9600	2518	62117	5963	0.62	Gas	Gas
41	Aug	10714	Olde English Village	60 Hemlock	Gardner	12	Unitil	13500	13500	2328	51092	6897	0.51	Gas	Gas
42	Aug	10715	Olde English Village	64 Hemlock	Gardner	10	Unitil	9600	9600	2360	62117	5963	0.62	Gas	Gas
43	Aug	10716	Olde English Village	82 Hemlock	Gardner	10	Unitil	10800	10800	2112	59068	6379	0.59	Gas	Gas
44	Aug	10717	Olde English Village	86 Hemlock	Gardner	10	Unitil	10800	10800	2112	59068	6379	0.59	Gas	Gas
45	Aug	10718	Olde English Village	90 Hemlock	Gardner	10	Unitil	9600	9600	2360	51952	4987	0.52	Gas	Gas
46	Aug	10719	Olde English Village	94 Hemlock	Gardner	10	Unitil	9600	9600	2360	51952	4987	0.52	Gas	Gas
47	Sep	10724	Olde English Village	168 Manca	Gardner	10	Unitil	8100	8100	2440	49666	4023	0.50	Gas	Gas
48	Sep	10728	Olde English Village	172 Manca	Gardner	10	Unitil	10800	10800	2112	55736	6019	0.56	Gas	Gas
49	Sep	10729	Olde English Village	176 Manca	Gardner	12	Unitil	13500	13500	2328	55736	7524	0.56	Gas	Gas
50	Sep	10702	Olde English Village	18 Hemlock	Gardner	12	Unitil	13500	13500	2328	55247	7458	0.55	Gas	Gas
51	Sep	10703	Olde English Village	24 Hemlock	Gardner	12	Unitil	13500	13500	2328	55247	7458	0.55	Gas	Gas
52	Sep	10706A	Olde English Village	38 Hemlock - A	Gardner	1	Unitil	1704	1136	568	127523	1449	1.28	Gas	Gas
53	Sep	10706B	Olde English Village	38 Hemlock - B	Gardner	1	Unitil	1704	1136	568	127523	1449	1.28	Gas	Gas
54	Sep	10707A	Olde English Village	42 Hemlock - A	Gardner	1	Unitil	1704	1136	568	127523	1449	1.28	Gas	Gas
55	Nov	10707B	Olde English Village	42 Hemlock - B	Gardner	1	Unitil	1704	1136	568	127523	1449	1.28	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
1	Jan	6468	87-89 ELM St	89 Elm St	Greenfield	2	WMECO	2112	2112	0	3.65	N/A	Gas	Gas
2	Jan	6841	Elm Terrace 1 and 2	11-12 Elm Terrace	Greenfield	4	WMECO	3094	3094	574	11.88	N/A	Electric	Electric
3	Jan	6842	Elm Terrace 1 and 2	13-14 Elm Terrace	Greenfield	8	WMECO	4984	4984	1464	11.88	N/A	Electric	Electric
4	Jan	6843	Elm Terrace 1 and 2	15,16,17 Elm Terrace	Greenfield	12	WMECO	7448	7448	2168	11.88	N/A	Electric	Electric
5	Jan	6413	Elm Terrace 1 and 2	18-19 ELM TERRACE	Greenfield	8	WMECO	4984	4984	1464	11.88	N/A	Electric	Electric
6	Jan	6414	Elm Terrace 1 and 2	2-3 Elm Terrace	Greenfield	8	WMECO	4984	4984	1464	11.88	N/A	Electric	Electric
7	Jan	6415	Elm Terrace 1 and 2	20-21 Elm Terrace	Greenfield	8	WMECO	4984	4984	1464	11.88	N/A	Electric	Electric
8	Jan	6417	Elm Terrace 1 and 2	22-23 Elm Terrace	Greenfield	8	WMECO	4984	4984	1464	11.88	N/A	Electric	Electric
9	Jan	6418	Elm Terrace 1 and 2	24-25 Elm Terrace	Greenfield	8	WMECO	4984	4984	1464	11.88	N/A	Electric	Electric
10	Jan	6419	Elm Terrace 1 and 2	26-27 Elm Terrace	Greenfield	8	WMECO	4984	4984	1464	11.88	N/A	Electric	Electric
11	Jan	6420	Elm Terrace 1 and 2	28-29 Elm Terrace	Greenfield	8	WMECO	4984	4984	1464	11.88	N/A	Electric	Electric
12	Jan	6421	Elm Terrace 1 and 2	4,5,6 Elm Terrace	Greenfield	12	WMECO	7448	7448	2168	11.88	N/A	Electric	Electric
13	Jan	6844	Elm Terrace 1 and 2	7-8 Elm Terrace	Greenfield	8	WMECO	4984	4984	1464	11.88	N/A	Electric	Electric
14	Jan	6845	Elm Terrace 1 and 2	9-10 Elm Terrace	Greenfield	8	WMECO	4984	4984	1464	11.88	N/A	Electric	Electric
15	Jan	5511	Liberty Hill Townhouses	12- 42 Columbia Terrace	Springfield	16	WMECO	15468	15468	0	0.53	N/A	Electric	Electric
16	Jan	1735	Liberty Hill Townhouses	390 - 396 Franklin Street	Springfield	4	WMECO	4080	4080	0	0.55	N/A	Electric	Electric
17	Jan	5513	Liberty Hill Townhouses	415 Franklin Street	Springfield	14	WMECO	12146	12146	0	1.15	N/A	Electric	Electric
18	Jan	5512	Liberty Hill Townhouses	9 - 39 Hasley Street	Springfield	15	WMECO	14576	14576	0	0.76	N/A	Electric	Electric
19	Jan	5510	Liberty Hill Townhouses	9 - 63 Nursery Street	Springfield	29	WMECO	27666	27666	0	0.6	N/A	Electric	Electric
20	Jan	6435A	Oak Courts	65 Oak Courts	Greenfield	1	WMECO	1378	1378	0	2.87	N/A	Gas	Gas
21	Jan	1715	Rainville- 32 Byers	32 Byers St	Springfield	47	WMECO	14259	13259	1426	11.13	N/A	Gas	Gas
22	Feb	7173	74-76 Phillips St	74-76 Phillips Street	Greenfield	2	WMECO	2784	2784	0	2.6	N/A	Gas	Gas
23	Feb	6170A	Carpe Diem	119 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
24	Feb	6170B	Carpe Diem	121 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
25	Feb	6165A	Carpe Diem	1228 CAREW STREET	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
26	Feb	6170C	Carpe Diem	123 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
27	Feb	6165B	Carpe Diem	1230 CAREW STREET	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
28	Feb	6165C	Carpe Diem	1232 CAREW STREET	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
29	Feb	6165D	Carpe Diem	1234 CAREW STREET	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
30	Feb	6170D	Carpe Diem	125 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
31	Feb	6170E	Carpe Diem	127 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
32	Feb	6170F	Carpe Diem	129 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
33	Feb	6170G	Carpe Diem	131 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
34	Feb	6446	Conway-Wells	113 Conway St	Greenfield	2	WMECO	1586	1586	0	3.79	N/A	Gas	Gas
35	Feb	6451	Conway-Wells	118 Wells St	Greenfield	2	WMECO	1586	1586	0	3.74	N/A	Gas	Gas
36	Feb	7392	Morris School Extension	603 BERKSHIRE AVE - A	Springfield	12	WMECO	11136	7424	4136	4.91	N/A	Gas	Gas
37	Feb	7394	Morris School Extension	603 BERKSHIRE AVE - B	Springfield	8	WMECO	7488	4992	2788	4.91	N/A	Gas	Gas
38	Feb	7396	Morris School Extension	603 BERKSHIRE AVE - C	Springfield	10	WMECO	9696	6464	3696	4.91	N/A	Gas	Gas
39	Feb	7404	Morris School Extension	603 BERKSHIRE AVE - Community	Springfield	1	WMECO	3420	1710	1710	4.91	N/A	Gas	Gas
40	Feb	7398	Morris School Extension	603 BERKSHIRE AVE - D	Springfield	10	WMECO	9696	6464	3696	4.91	N/A	Gas	Gas
41	Feb	7402	Morris School Extension	603 BERKSHIRE AVE - E - Congregate	Springfield	5	WMECO	4597	3065	1797	4.91	N/A	Gas	Gas
42	Feb	6208	Reed Village	5,9 EDGEWOOD ST/527 BAY ST	Springfield	3	WMECO	4725	2850	1425	N/A	1.02	Gas	Gas
43	Mar	7172	23 Mill St	23 Mill Street	Greenfield	2	WMECO	2894	2894	0	1.43422	N/A	Gas	Gas
44	Mar	6464	9 Grove St	9 Grove St	Greenfield	1	WMECO	2256	1128	0	1.901111	N/A	Gas	Gas
45	Mar	6163E	Carpe Diem	100 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
46	Mar	6169B	Carpe Diem	101 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
47	Mar	6164F	Carpe Diem	102 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
48	Mar	6169C	Carpe Diem	103 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
49	Mar	6164G	Carpe Diem	104 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
50	Mar	6169D	Carpe Diem	105 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
51	Mar	6169E	Carpe Diem	107 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
52	Mar	6169F	Carpe Diem	109 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas

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53	Mar	6163	Carpe Diem	110 Shaine Circle	Springfield	1	WMECO	1026	513	513	3.34	N/A	Gas	Gas
54	Mar	6169G	Carpe Diem	111 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
55	Mar	7667	Hatfield Housing	2 School Street	Hatfield	44	WMECO	28920	28920	6920	9.33511	N/A	Gas	Gas
56	Mar	7668	Hatfield Housing	Community Building	Hatfield	1	WMECO	1680	1680	1679	9.335109	N/A	Gas	Gas
57	Mar	6440A	Oak Courts	17 Oak Cts	Greenfield	1	WMECO	1378	1378	0	3.268436	N/A	Gas	Gas
58	Mar	6441D	Oak Courts	24 Oak Cts	Greenfield	1	WMECO	1378	1378	0	3.099148	N/A	Gas	Gas
59	Mar	6442B	Oak Courts	26 Oak Cts	Greenfield	1	WMECO	800	800	0	4.251922	N/A	Gas	Gas
60	Mar	6442C	Oak Courts	27 Oak Cts	Greenfield	1	WMECO	800	800	0	4.237937	N/A	Gas	Gas
61	Mar	6432C	Oak Courts	55 Oak Cts	Greenfield	1	WMECO	918	918	0	2.116621	N/A	Gas	Gas
62	Mar	6434C	Oak Courts	63 Oak Cts	Greenfield	1	WMECO	918	918	0	2.093493	N/A	Gas	Gas
63	Mar	6455	Sullivan Lane	31 Sullivan Ln	Greenfield	2	WMECO	2400	2400	0	5.383044	N/A	Gas	Gas
64	Apr	6163A	Carpe Diem	112 Shaine Circle	Springfield	1	WMECO	1026	513	513	3.34	N/A	Gas	Gas
65	Apr	6163B	Carpe Diem	114 Shaine Circle	Springfield	1	WMECO	1026	513	513	3.34	N/A	Gas	Gas
66	Apr	6163C	Carpe Diem	116 Shaine Circle	Springfield	1	WMECO	1026	513	513	3.34	N/A	Gas	Gas
67	Apr	6163D	Carpe Diem	118 Shaine Circle	Springfield	1	WMECO	1026	513	513	3.34	N/A	Gas	Gas
68	Apr	6165E	Carpe Diem	1236 CAREW STREET	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
69	Apr	6165F	Carpe Diem	1238 CAREW STREET	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
70	Apr	6165G	Carpe Diem	1240 CAREW STREET	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
71	Apr	6166A	Carpe Diem	15 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
72	Apr	6166B	Carpe Diem	17 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
73	Apr	6166C	Carpe Diem	19 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
74	Apr	6166D	Carpe Diem	21 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
75	Apr	6166E	Carpe Diem	23 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
76	Apr	6166F	Carpe Diem	25 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
77	Apr	6166G	Carpe Diem	27 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
78	Apr	6171A	Carpe Diem	31 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
79	Apr	6171B	Carpe Diem	33 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
80	Apr	6171C	Carpe Diem	35 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
81	Apr	6171D	Carpe Diem	37 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
82	Apr	6171E	Carpe Diem	39 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
83	Apr	6171F	Carpe Diem	41 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
84	Apr	6443H	Oak Courts	40 Oak Cts	Greenfield	1	WMECO	1200	1200	0	2.715	N/A	Gas	Gas
85	May	6171G	Carpe Diem	43 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
86	May	6167A	Carpe Diem	47 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
87	May	6167B	Carpe Diem	49 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
88	May	6167C	Carpe Diem	51 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
89	May	6167D	Carpe Diem	53 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
90	May	6167E	Carpe Diem	55 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
91	May	6172A	Carpe Diem	56 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
92	May	6167F	Carpe Diem	57 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
93	May	6172B	Carpe Diem	58 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
94	May	6167G	Carpe Diem	59 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
95	May	6172C	Carpe Diem	60 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
96	May	6172D	Carpe Diem	62 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
97	May	6172E	Carpe Diem	64 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
98	May	6172F	Carpe Diem	66 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
99	May	6172G	Carpe Diem	68 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
100	May	6168A	Carpe Diem	73 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
101	May	6173A	Carpe Diem	74 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
102	May	6168B	Carpe Diem	75 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
103	May	6173B	Carpe Diem	76 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
104	May	6168C	Carpe Diem	77 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas

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105	May	6173C	Carpe Diem	78 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
106	Jun	3460A	775 Springfield Street	775 Springfield Street - 10A	Agawam	1	WMECO	1302	868	434	N/A	1.4944681	Gas	Gas
107	Jun	3419A	Brady Village	775 Springfield Street - 1A	Agawam	1	WMECO	2430	1620	810	N/A	1.713808	Gas	Gas
108	Jun	3419B	Brady Village	775 Springfield Street - 1C	Agawam	1	WMECO	2430	1620	810	N/A	1.713808	Gas	Gas
109	Jun	6168D	Carpe Diem	79 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
110	Jun	6173D	Carpe Diem	80 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
111	Jun	6168E	Carpe Diem	81 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
112	Jun	6173E	Carpe Diem	82 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
113	Jun	6168F	Carpe Diem	83 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
114	Jun	6173F	Carpe Diem	84 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
115	Jun	6168G	Carpe Diem	85 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
116	Jun	6173G	Carpe Diem	86 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
117	Jun	6164A	Carpe Diem	92 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
118	Jun	6164B	Carpe Diem	94 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
119	Jun	6164C	Carpe Diem	96 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
120	Jun	6164D	Carpe Diem	98 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
121	Jun	6169A	Carpe Diem	99 Shaine Circle	Springfield	1	WMECO	854	427	427	3.34	N/A	Gas	Gas
122	Jun	10222	Columbia Arms	65 Columbus Ave	Pittsfield	91	WMECO	57400	57400	8200	12.61662	N/A	Gas	Gas
123	Jun	10170	Providence Court	379 East St - Annex	Pittsfield	12	WMECO	13500	9000	7500	5.504289	N/A	Electric	Electric
124	Jun	10169	Providence Court	Main Building	Pittsfield	91	WMECO	106200	88500	60700	11.08494	N/A	Gas	Gas
125	Jun	6453	Sullivan Lane	17 & 19 Sullivan Lane (Bldg 4)	Greenfield	2	WMECO	2400	2400	0	2.774175	N/A	Gas	Gas
126	Jun	3057	The Danahy Schoolhouse	New Building	Agawam	10	WMECO	9600	9600	4600	3.891516	8.1214243	Gas	Gas
127	Jul	3460B	775 Springfield Street	775 Springfield Street - 10B	Agawam	1	WMECO	1302	868	434	N/A	1.49	Gas	Gas
128	Jul	3460C	775 Springfield Street	775 Springfield Street - 10C	Agawam	1	WMECO	1302	868	434	N/A	1.49	Gas	Gas
129	Jul	3460D	775 Springfield Street	775 Springfield Street - 10D	Agawam	1	WMECO	1302	868	434	N/A	1.49	Gas	Gas
130	Jul	3459A	775 Springfield Street	775 Springfield Street - 11A	Agawam	1	WMECO	1302	868	434	N/A	1.52	Gas	Gas
131	Jul	3459B	775 Springfield Street	775 Springfield Street - 11B	Agawam	1	WMECO	1302	868	434	N/A	1.52	Gas	Gas
132	Jul	3459C	775 Springfield Street	775 Springfield Street - 11C	Agawam	1	WMECO	1302	868	434	N/A	1.52	Gas	Gas
133	Jul	3459D	775 Springfield Street	775 Springfield Street - 11D	Agawam	1	WMECO	1302	868	434	N/A	1.52	Gas	Gas
134	Jul	3458A	775 Springfield Street	775 Springfield Street - 12A	Agawam	1	WMECO	1302	868	434	N/A	1.49	Gas	Gas
135	Jul	3458B	775 Springfield Street	775 Springfield Street - 12B	Agawam	1	WMECO	1302	868	434	N/A	1.49	Gas	Gas
136	Jul	3458C	775 Springfield Street	775 Springfield Street - 12C	Agawam	1	WMECO	1302	868	434	N/A	1.49	Gas	Gas
137	Jul	3458D	775 Springfield Street	775 Springfield Street - 12D	Agawam	1	WMECO	1302	868	434	N/A	1.49	Gas	Gas
138	Jul	3420A	Brady Village	775 Springfield Street - 2A	Agawam	1	WMECO	1620	1080	540	N/A	2.4	Gas	Gas
139	Jul	3420B	Brady Village	775 Springfield Street - 2B	Agawam	1	WMECO	1620	1080	540	N/A	2.4	Gas	Gas
140	Jul	3420C	Brady Village	775 Springfield Street - 2C	Agawam	1	WMECO	1620	1080	540	N/A	2.4	Gas	Gas
141	Jul	3422A	Brady Village	775 Springfield Street - 4A	Agawam	1	WMECO	1620	1080	540	N/A	2.12	Gas	Gas
142	Jul	3422B	Brady Village	775 Springfield Street - 4B	Agawam	1	WMECO	1620	1080	540	N/A	2.12	Gas	Gas
143	Jul	3422C	Brady Village	775 Springfield Street - 4C	Agawam	1	WMECO	1620	1080	540	N/A	2.12	Gas	Gas
144	Jul	3462A	Brady Village	775 Springfield Street - 5A	Agawam	1	WMECO	1215	810	405	N/A	15.83	Gas	Gas
145	Jul	3462B	Brady Village	775 Springfield Street - 5B	Agawam	1	WMECO	1215	810	405	N/A	15.83	Gas	Gas
146	Jul	3462C	Brady Village	775 Springfield Street - 5C	Agawam	1	WMECO	1215	810	405	N/A	15.83	Gas	Gas
147	Jul	3462D	Brady Village	775 Springfield Street - 5D	Agawam	1	WMECO	1215	810	405	N/A	15.83	Gas	Gas
148	Jul	3465A	Brady Village	775 Springfield Street - 6A	Agawam	1	WMECO	1620	1080	540	N/A	2.45	Gas	Gas
149	Jul	3465B	Brady Village	775 Springfield Street - 6B	Agawam	1	WMECO	1620	1080	540	N/A	2.45	Gas	Gas
150	Jul	3465C	Brady Village	775 Springfield Street - 6C	Agawam	1	WMECO	1620	1080	540	N/A	2.45	Gas	Gas
151	Jul	3464A	Brady Village	775 Springfield Street - 7A	Agawam	1	WMECO	1215	810	405	N/A	3.50	Gas	Gas
152	Jul	3464B	Brady Village	775 Springfield Street - 7B	Agawam	1	WMECO	1215	810	405	N/A	3.50	Gas	Gas
153	Jul	3464C	Brady Village	775 Springfield Street - 7C	Agawam	1	WMECO	1215	810	405	N/A	3.50	Gas	Gas
154	Jul	3464D	Brady Village	775 Springfield Street - 7D	Agawam	1	WMECO	1215	810	405	N/A	3.50	Gas	Gas
155	Jul	6429A	Oak Courts	1 Oak Courts	Greenfield	1	WMECO	2066	1378	689	4.14	N/A	Gas	Gas
156	Jul	6438B	Oak Courts	10 Oak Courts	Greenfield	1	WMECO	918	918	0	3.41	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
157	Jul	6438C	Oak Courts	11 Oak Courts	Greenfield	1	WMECO	918	918	0	3.41	N/A	Gas	Gas
158	Jul	6438D	Oak Courts	12 Oak Courts	Greenfield	1	WMECO	1378	1378	0	3.41	N/A	Gas	Gas
159	Jul	6442G	Oak Courts	31 Oak Courts	Greenfield	1	WMECO	800	800	0	2.83	N/A	Gas	Gas
160	Jul	6438A	Oak Courts	9 Oak Courts	Greenfield	1	WMECO	1378	1378	0	3.41	N/A	Gas	Gas
161	Aug	10371	767 Main St	767 Main St	/est Springfie	28	WMECO	47600	35700	33600	4.48	N/A	Gas	Gas
162	Aug	3461A	Brady Village	775 Springfield Street - 8A	Agawam	1	WMECO	1215	810	405	N/A	0.42	Gas	Gas
163	Aug	3461B	Brady Village	775 Springfield Street - 8B	Agawam	1	WMECO	1215	810	405	N/A	0.42	Gas	Gas
164	Aug	3461C	Brady Village	775 Springfield Street - 8C	Agawam	1	WMECO	1215	810	405	N/A	0.42	Gas	Gas
165	Aug	3461D	Brady Village	775 Springfield Street - 8D	Agawam	1	WMECO	1215	810	405	N/A	0.42	Gas	Gas
166	Aug	6459	Briar Way	190 Briar Way	Greenfield	1	WMECO	1280	1280	0	2.16	N/A	Electric	Electric
167	Aug	6162	Carpe Diem	SHAINE CIRCLE - Community	Springfield	1	WMECO	2400	1200	1200	3.34	N/A	Gas	Gas
168	Aug	6435C	Oak Courts	67 Oak Courts	Greenfield	1	WMECO	918	918	0	4.31	N/A	Gas	Gas
169	Aug	6640	Kenwyn	13-415 Belmont Avenue and 6 Kenwood Pa	Springfield	27	WMECO	28000	21604	7009	N/A	4.67	Gas	Gas
170	Aug	9542	New Court Terrace	68 - 70 Byers St	Springfield	8	WMECO	9480	9480	3550	N/A	6.07	Gas	Gas
171	Aug	9543	New Court Terrace	76 Byers St	Springfield	8	WMECO	15150	15150	5673	N/A	5.84	Gas	Gas
172	Aug	9544	New Court Terrace	84, 86, 88 Byers St	Springfield	29	WMECO	17150	17150	6484	N/A	20.62	Gas	Gas
173	Aug	6439C	Oak Courts	15 Oak Courts	Greenfield	1	WMECO	918	918	0	2.47	N/A	Gas	Gas
174	Aug	6433A	Oak Courts	57 Oak Courts	Greenfield	1	WMECO	1378	1378	0	4.67	N/A	Gas	Gas
175	Aug	6437B	Oak Courts	6 Oak Courts	Greenfield	1	WMECO	918.4	918.4	0	2.82	N/A	Gas	Gas
176	Aug	6651	Quadrangle Court	114-130 Byers Street	Springfield	33	WMECO	39850	32850	12204	N/A	4.57	Gas	Gas
177	Aug	1035	Redfield House	48 Elizabeth Street	Pittsfield	24	WMECO	33200	33200	12115	N/A	4.37	Gas	Gas
178	Aug	10149	Rose Manor	Elberon Ave - 17 - Community Bldg	Pittsfield	1	WMECO	3780	3780	0	7.52	N/A	Gas	Gas
179	Aug	10883	Seniority House	250 Oak Grove Ave	Springfield	42	WMECO	34378	34378	6396	N/A	7.8717617	Gas	Gas
180	Aug	10884	Seniority House	307 Chestnut St	Springfield	167	WMECO	99865	85599	35557	13.18	N/A	Electric	Gas
181	Aug	8553	Southampton Meadows	128 College Highway	Southamptor	40	WMECO	28677	28677	8327	N/A	8.41	Gas	Gas
182	Aug	6454A	Sullivan Lane	16 Sullivan Lane	Greenfield	1	WMECO	1200	1200	0	9.52	N/A	Gas	Gas
183	Aug	6454B	Sullivan Lane	18 Sullivan Lane	Greenfield	1	WMECO	1200	1200	0	9.52	N/A	Gas	Gas
184	Sep	948	112 Holyoke Street	113 Holyoke Street	Easthamptor	6	WMECO	6372	4248	5472	4.19	N/A	Oil	Oil
185	Sep	9534A	70-74 Grenada Terrace	70 Grenada Terrace	Springfield	8	WMECO	11016	8816	3516	8.65	1.50	Electric	Gas
186	Sep	9534B	70-74 Grenada Terrace	74 Grenada Terrace	Springfield	8	WMECO	11016	8816	3516	8.65	1.50	Electric	Gas
187	Sep	11263	Ahrend Circle Apartments	1 Ahrend Circle	Southwick	8	WMECO	4670	4670	102	13.93	N/A	Electric	Gas
188	Sep	11264	Ahrend Circle Apartments	2 Ahrend Circle	Southwick	8	WMECO	4670	4670	670	N/A	59.37	Gas	Gas
189	Sep	11265	Ahrend Circle Apartments	3 Ahrend Circle	Southwick	8	WMECO	6500	6500	2500	N/A	24.99	Gas	Gas
190	Sep	11266	Ahrend Circle Apartments	4 Ahrend Circle	Southwick	8	WMECO	4670	4670	102	13.43	N/A	Electric	Gas
191	Sep	11267	Ahrend Circle Apartments	5 Ahrend Circle	Southwick	8	WMECO	4670	4670	102	14.83	N/A	Electric	Gas
192	Sep	6435B	Oak Courts	66 Oak Courts	Greenfield	1	WMECO	918	918	0	4.31	N/A	Gas	Gas
193	Sep	6535C	Wilson Park	130 Mohegan Street	Pittsfield	1	WMECO	1643	1095	548	4.77	N/A	Gas	Gas
194	Sep	10686A	Mountain View Apartments	Mountain View Apartments - A	Hadley	4	WMECO	2881	2881	213	N/A	7.68	Gas	Gas
195	Sep	10686B	Mountain View Apartments	Mountain View Apartments - B	Hadley	4	WMECO	2881	2881	213	N/A	7.68	Gas	Gas
196	Sep	10686C	Mountain View Apartments	Mountain View Apartments - C	Hadley	4	WMECO	2881	2881	213	N/A	7.68	Gas	Gas
197	Sep	10686D	Mountain View Apartments	Mountain View Apartments - D	Hadley	6	WMECO	4321	4320.96	320.16	N/A	7.68	Gas	Gas
198	Sep	10686E	Mountain View Apartments	Mountain View Apartments - E	Hadley	7	WMECO	5041.1	5041.12	373.52	N/A	7.68	Gas	Gas
199	Sep	3056	The Danahy Schoolhouse	Old Building	Agawam	25	WMECO	10000	10000	1000	N/A	13.213	Gas	Gas
200	Sep	11452	W.J. Brown Memorial Court	Community Building	Lee	1	WMECO	2304	2304	0	17.17	N/A	Electric	Electric
201	Sep	11451	W.J. Brown Memorial Court	East	Lee	20	WMECO	9792	9792	0	17.17	N/A	Electric	Electric
202	Sep	11453	W.J. Brown Memorial Court	North	Lee	8	WMECO	4536	4536	0	17.17	N/A	Electric	Electric
203	Sep	11454	W.J. Brown Memorial Court	West	Lee	20	WMECO	9792	9792	0	17.17	N/A	Electric	Electric
204	Sep	11461	Weldon House	54 High St	Greenfield	105	WMECO	92917	92917	27233	N/A	12.09	Oil	Oil
205	Oct	12060	101 Kensington Ave.	101 Kensington Ave	Springfield	4	WMECO	6400	4000	2400	N/A	0.06	Gas	Gas
206	Oct	9535	107 Kensington	107 Kensington Ave	Springfield	8	WMECO	9200	8330	2628	N/A	1.91	Gas	Gas
207	Oct	11945B	270-272 Centre St	270 Centre St	Springfield	3	WMECO	4100	2750	1350	N/A	0.64	Electric	Gas
208	Oct	11945A	270-272 Centre St	272 Centre St	Springfield	3	WMECO	4100	2750	1350	N/A	0.64	Electric	Gas

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209	Oct	11946B	276-278 Centre St	276 Centre St	Springfield	3	WMECO	4600	3250	1350	N/A	0.43	Gas	Gas
210	Oct	11946A	276-278 Centre St	278 Centre St	Springfield	3	WMECO	4600	3250	1350	N/A	0.43	Gas	Gas
211	Oct	11974	38 Johnson St	38 Johnson St	Springfield	4	WMECO	6200	4000	2200	N/A	0.25	Gas	Gas
212	Oct	11981	411 Carew St	411 Carew St	Springfield	4	WMECO	7500	5500	2000	N/A	0.36	Gas	Gas
213	Oct	11973	52 Wait St	52 Wait St	Springfield	4	WMECO	6000	4600	2400	N/A	0.76	Gas	Gas
214	Oct	11980	64 Lester St	64 Lester St	Springfield	4	WMECO	9500	7500	2000	N/A	0.76	Oil	Oil
215	Oct	11979	69 Maynard St	69 Maynard St	Springfield	4	WMECO	6000	4000	2000	N/A	0.32	Gas	Gas
216	Oct	11976	726 Belmont Ave	726 Belmont Ave	Springfield	4	WMECO	7500	5500	2000	N/A	0.07	Gas	Gas
217	Oct	12043	Riverview Apts & Towers	103 - 105 Division St	Springfield	56	WMECO	65250	58000	23134	N/A	6.24	Gas	Gas
218	Oct	12044	Riverview Apts & Towers	120-122 Clyde St	Springfield	56	WMECO	65250	58000	23134	N/A	4.04	Gas	Gas
219	Oct	10960	Riverview Apts & Towers	67 - 69 Sanderson St	Springfield	56	WMECO	65250	58000	23134	N/A	5.21	Gas	Gas
220	Nov	6537A	Wilson Park	174 Mohegan Street	Pittsfield	1	WMECO	1440	960	480	3.33	N/A	Gas	Gas
221	Nov	6561A	Wilson Park	15 Memorial Drive	Pittsfield	1	WMECO	1267.5	845	422.5	2.18	N/A	Gas	Gas
222	Nov	6561B	Wilson Park	17 Memorial Drive	Pittsfield	1	WMECO	1267.5	845	422.5	2.18	N/A	Gas	Gas
223	Nov	6561C	Wilson Park	19 Memorial Drive	Pittsfield	1	WMECO	1268	845	423	2.18	N/A	Gas	Gas
224	Nov	6561D	Wilson Park	21 Memorial Drive	Pittsfield	1	WMECO	1268	845	423	2.18	N/A	Gas	Gas
225	Nov	6561E	Wilson Park	23 Memorial Drive	Pittsfield	1	WMECO	1268	845	423	2.18	N/A	Gas	Gas
226	Nov	6546A	Wilson Park	82 Memorial Drive	Pittsfield	1	WMECO	2016	1344	672	2.69	N/A	Gas	Gas
227	Nov	6546B	Wilson Park	84 Memorial Drive	Pittsfield	1	WMECO	1344	896	448	2.69	N/A	Gas	Gas
228	Nov	6546C	Wilson Park	86 Memorial Drive	Pittsfield	1	WMECO	1344	896	448	2.69	N/A	Gas	Gas
229	Nov	6546D	Wilson Park	88 Memorial Drive	Pittsfield	1	WMECO	1344	896	448	2.69	N/A	Gas	Gas
230	Nov	6556A	Wilson Park	26 Memorial Drive	Pittsfield	1	WMECO	1267.5	845	422.5	2.36	N/A	Gas	Gas
231	Nov	6556B	Wilson Park	28 Memorial Drive	Pittsfield	1	WMECO	1267.5	845	422.5	2.36	N/A	Gas	Gas
232	Nov	6556C	Wilson Park	30 Memorial Drive	Pittsfield	1	WMECO	1267.5	845	422.5	2.36	N/A	Gas	Gas
233	Nov	6556D	Wilson Park	32 Memorial Drive	Pittsfield	1	WMECO	1267.5	845	422.5	2.36	N/A	Gas	Gas
234	Nov	6556E	Wilson Park	34 Memorial Drive	Pittsfield	1	WMECO	1267.5	845	422.5	2.36	N/A	Gas	Gas
235	Nov	6552A	Wilson Park	47 Mohawk Street	Pittsfield	1	WMECO	1295.5	863.6363636	431.81818	2.62	N/A	Gas	Gas
236	Nov	6552B	Wilson Park	49 Mohawk Street	Pittsfield	1	WMECO	1295.5	863.6363636	431.81818	2.62	N/A	Gas	Gas
237	Nov	6552C	Wilson Park	51 Mohawk Street	Pittsfield	1	WMECO	1943.2	1295.454545	647.72727	2.62	N/A	Gas	Gas
238	Nov	6552D	Wilson Park	53 Mohawk Street	Pittsfield	1	WMECO	1295.5	863.6363636	431.81818	2.62	N/A	Gas	Gas
239	Nov	6552E	Wilson Park	55 Mohawk Street	Pittsfield	1	WMECO	1295.5	863.6363636	431.81818	2.62	N/A	Gas	Gas
240	Nov	6544A	Wilson Park	85 Memorial Drive	Pittsfield	1	WMECO	1728	1152	576	2.98	N/A	Gas	Gas
241	Nov	6544B	Wilson Park	87 Memorial Drive	Pittsfield	1	WMECO	1152	768	384	2.98	N/A	Gas	Gas
242	Nov	6544C	Wilson Park	89 Memorial Drive	Pittsfield	1	WMECO	1152	768	384	2.98	N/A	Gas	Gas
243	Nov	6544D	Wilson Park	91 Memorial Drive	Pittsfield	1	WMECO	1728	1152	576	2.98	N/A	Gas	Gas
244	Nov	6550A	Wilson Park	66 Mohawk Street	Pittsfield	1	WMECO	1295	864	432	2.90	N/A	Gas	Gas
245	Nov	6550B	Wilson Park	68 Mohawk Street	Pittsfield	1	WMECO	1295	864	432	2.90	N/A	Gas	Gas
246	Nov	6550C	Wilson Park	70 Mohawk Street	Pittsfield	1	WMECO	1943.2	1295.454545	647.72727	2.90	N/A	Gas	Gas
247	Nov	6550D	Wilson Park	72 Mohawk Street	Pittsfield	1	WMECO	1295.5	863.6363636	431.81818	2.90	N/A	Gas	Gas
248	Nov	6550E	Wilson Park	74 Mohawk Street	Pittsfield	1	WMECO	1295.5	863.6363636	431.81818	2.90	N/A	Gas	Gas
249	Nov	6540A	Wilson Park	5 Memorial Drive	Pittsfield	1	WMECO	1368	912	456	2.92	N/A	Gas	Gas
250	Nov	6540B	Wilson Park	7 Memorial Drive	Pittsfield	1	WMECO	1368	912	456	2.92	N/A	Gas	Gas
251	Nov	6540C	Wilson Park	36 Mohawk Street	Pittsfield	1	WMECO	1368	912	456	2.92	N/A	Gas	Gas
252	Nov	6540D	Wilson Park	38 Mohawk Street	Pittsfield	1	WMECO	1368	912	456	2.92	N/A	Gas	Gas
253	Nov	6553A	Wilson Park	33 Mohawk Street	Pittsfield	1	WMECO	1036.4	690.9090909	345.45455	3.02	N/A	Gas	Gas
254	Nov	6553B	Wilson Park	35 Mohawk Street	Pittsfield	1	WMECO	1036.4	690.9090909	345.45455	3.02	N/A	Gas	Gas
255	Nov	6553C	Wilson Park	37 Mohawk Street	Pittsfield	1	WMECO	1554.5	1036.363636	518.18182	3.02	N/A	Gas	Gas
256	Nov	6553D	Wilson Park	39 Mohawk Street	Pittsfield	1	WMECO	1036.4	690.9090909	345.45455	3.02	N/A	Gas	Gas
257	Nov	6553E	Wilson Park	41 Mohawk Street	Pittsfield	1	WMECO	1036.4	690.9090909	345.45455	3.02	N/A	Gas	Gas
258	Nov	6538A	Wilson Park	140 Mohegan Street	Pittsfield	1	WMECO	1167.3	778.1818182	389.09091	3.04	N/A	Gas	Gas
259	Nov	6538B	Wilson Park	142 Mohegan Street	Pittsfield	1	WMECO	1167	778	389	3.04	N/A	Gas	Gas
260	Nov	6538C	Wilson Park	75 Mohawk Street	Pittsfield	1	WMECO	1167	778	389	3.04	N/A	Gas	Gas

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261	Nov	6538D	Wilson Park	77 Mohawk Street	Pittsfield	1	WMECO	1167	778	389	3.04	N/A	Gas	Gas
262	Nov	6538E	Wilson Park	79 Mohawk Street	Pittsfield	1	WMECO	1751	1167	584	3.04	N/A	Gas	Gas
263	Nov	6536A	Wilson Park	57 Memorial Drive	Pittsfield	1	WMECO	1167	778	389	3.19	N/A	Gas	Gas
264	Nov	6536B	Wilson Park	59 Memorial Drive	Pittsfield	1	WMECO	1167.3	778.1818182	389.09091	3.19	N/A	Gas	Gas
265	Nov	6536C	Wilson Park	61 Memorial Drive	Pittsfield	1	WMECO	1750.9	1167.272727	583.63636	3.19	N/A	Gas	Gas
266	Nov	6536D	Wilson Park	63 Memorial Drive	Pittsfield	1	WMECO	1167.3	778.1818182	389.09091	3.19	N/A	Gas	Gas
267	Nov	6536E	Wilson Park	65 Memorial Drive	Pittsfield	1	WMECO	1167.3	778.1818182	389.09091	3.19	N/A	Gas	Gas
268	Nov	6562A	Wilson Park	29 Memorial Drive	Pittsfield	1	WMECO	1267.5	845	422.5	3.21	N/A	Gas	Gas
269	Nov	6562B	Wilson Park	31 Memorial Drive	Pittsfield	1	WMECO	1267.5	845	422.5	3.21	N/A	Gas	Gas
270	Nov	6562C	Wilson Park	33 Memorial Drive	Pittsfield	1	WMECO	1267.5	845	422.5	3.21	N/A	Gas	Gas
271	Nov	6562D	Wilson Park	35 Memorial Drive	Pittsfield	1	WMECO	1267.5	845	422.5	3.21	N/A	Gas	Gas
272	Nov	6562E	Wilson Park	37 Memorial Drive	Pittsfield	1	WMECO	1267.5	845	422.5	3.21	N/A	Gas	Gas
273	Nov	6543A	Wilson Park	48 Mohawk Street	Pittsfield	1	WMECO	1642.5	1095	547.5	3.31	N/A	Gas	Gas
274	Nov	6543B	Wilson Park	50 Mohawk Street	Pittsfield	1	WMECO	1642.5	1095	547.5	3.31	N/A	Gas	Gas
275	Nov	6543C	Wilson Park	52 Mohawk Street	Pittsfield	1	WMECO	1642.5	1095	547.5	3.31	N/A	Gas	Gas
276	Nov	6543D	Wilson Park	54 Mohawk Street	Pittsfield	1	WMECO	1642.5	1095	547.5	3.31	N/A	Gas	Gas
277	Nov	6551A	Wilson Park	111 Memorial Drive	Pittsfield	1	WMECO	1344	896	448	3.36	N/A	Gas	Gas
278	Nov	6551B	Wilson Park	115 Memorial Drive	Pittsfield	1	WMECO	1344	896	448	3.36	N/A	Gas	Gas
279	Nov	6551C	Wilson Park	117 Memorial Drive	Pittsfield	1	WMECO	1344	896	448	3.36	N/A	Gas	Gas
280	Nov	6551D	Wilson Park	119 Memorial Drive	Pittsfield	1	WMECO	2016	1344	672	3.36	N/A	Gas	Gas
281	Nov	6541A	Wilson Park	80 Mohawk Street	Pittsfield	1	WMECO	1368	912	456	3.40	N/A	Gas	Gas
282	Nov	6541B	Wilson Park	82 Mohawk Street	Pittsfield	1	WMECO	1368	912	456	3.40	N/A	Gas	Gas
283	Nov	6541C	Wilson Park	152 Mohegan Street	Pittsfield	1	WMECO	1368	912	456	3.40	N/A	Gas	Gas
284	Nov	6541D	Wilson Park	154 Mohegan Street	Pittsfield	1	WMECO	1368	912	456	3.40	N/A	Gas	Gas
285	Nov	6545A	Wilson Park	121 Calument Street	Pittsfield	1	WMECO	1642.5	1095	547.5	3.41	N/A	Gas	Gas
286	Nov	6545B	Wilson Park	123 Calumet Street	Pittsfield	1	WMECO	1642.5	1095	547.5	3.41	N/A	Gas	Gas
287	Nov	6545C	Wilson Park	125 Calumet Street	Pittsfield	1	WMECO	1642.5	1095	547.5	3.41	N/A	Gas	Gas
288	Nov	6545D	Wilson Park	127 Calumet Street	Pittsfield	1	WMECO	1642.5	1095	547.5	3.41	N/A	Gas	Gas
289	Nov	6542A	Wilson Park	22 Mohawk Street	Pittsfield	1	WMECO	1368	912	456	3.58	N/A	Gas	Gas
290	Nov	6542B	Wilson Park	24 Mohawk Street	Pittsfield	1	WMECO	1368	912	456	3.58	N/A	Gas	Gas
291	Nov	6542C	Wilson Park	4 Memorial Drive	Pittsfield	1	WMECO	1368	912	456	3.58	N/A	Gas	Gas
292	Nov	6542D	Wilson Park	6 Memorial Drive	Pittsfield	1	WMECO	1368	912	456	3.58	N/A	Gas	Gas
293	Dec	6555A	Wilson Park	162 Mohegan Street	Pittsfield	1	WMECO	2016	1344	672	3.66	N/A	Gas	Gas
294	Dec	6555B	Wilson Park	164 Mohegan Street	Pittsfield	1	WMECO	1344	896	448	3.66	N/A	Gas	Gas
295	Dec	6555C	Wilson Park	166 Mohegan Street	Pittsfield	1	WMECO	1344	896	448	3.66	N/A	Gas	Gas
296	Dec	6555D	Wilson Park	168 Mohegan Street	Pittsfield	1	WMECO	1344	896	448	3.66	N/A	Gas	Gas
297	Dec	6559A	Wilson Park	12 Memorial Drive	Pittsfield	1	WMECO	1584	1056	528	3.79	N/A	Gas	Gas
298	Dec	6559B	Wilson Park	14 Memorial Drive	Pittsfield	1	WMECO	1584	1056	528	3.79	N/A	Gas	Gas
299	Dec	6559C	Wilson Park	16 Memorial Drive	Pittsfield	1	WMECO	1584	1056	528	3.79	N/A	Gas	Gas
300	Dec	6559D	Wilson Park	18 Memorial Drive	Pittsfield	1	WMECO	1584	1056	528	3.79	N/A	Gas	Gas
301	Dec	6559E	Wilson Park	20 Memorial Drive	Pittsfield	1	WMECO	1584	1056	528	3.79	N/A	Gas	Gas
302	Dec	6549A	Wilson Park	101 Memorial Drive	Pittsfield	1	WMECO	1344	896	448	3.82	N/A	Gas	Gas
303	Dec	6549B	Wilson Park	103 Memorial Drive	Pittsfield	1	WMECO	1344	896	448	3.82	N/A	Gas	Gas
304	Dec	6549C	Wilson Park	105 Memorial Drive	Pittsfield	1	WMECO	1344	896	448	3.82	N/A	Gas	Gas
305	Dec	6549D	Wilson Park	107 Memorial Drive	Pittsfield	1	WMECO	2016	1344	672	3.82	N/A	Gas	Gas
306	Dec	6554A	Wilson Park	125 Memorial Drive	Pittsfield	1	WMECO	1344	896	448	3.86	N/A	Gas	Gas
307	Dec	6554B	Wilson Park	127 Memorial Drive	Pittsfield	1	WMECO	1344	896	448	3.86	N/A	Gas	Gas
308	Dec	6554C	Wilson Park	129 Memorial Drive	Pittsfield	1	WMECO	1344	896	448	3.86	N/A	Gas	Gas
309	Dec	6554D	Wilson Park	131 Memorial Drive	Pittsfield	1	WMECO	2016	1344	672	3.86	N/A	Gas	Gas
310	Dec	6547A	Wilson Park	68 Memorial Drive	Pittsfield	1	WMECO	1295	864	432	3.93	N/A	Gas	Gas
311	Dec	6547B	Wilson Park	70 Memorial Drive	Pittsfield	1	WMECO	1295	864	432	3.93	N/A	Gas	Gas
312	Dec	6547C	Wilson Park	72 Memorial Drive	Pittsfield	1	WMECO	1943	1295	648	3.93	N/A	Gas	Gas

#	Mth	Code	Project Name	Address	City	# Units	Utility	Total Area sqft	Conditioned Area sqft	Common Area sqft	kWh/ bldg ft2	kWh/ common ft2	Heating Fuel	Hot Water Fuel
313	Dec	6547D	Wilson Park	74 Memorial Drive	Pittsfield	1	WMECO	1295	864	432	3.93	N/A	Gas	Gas
314	Dec	6547E	Wilson Park	76 Memorial Drive	Pittsfield	1	WMECO	1295	864	432	3.93	N/A	Gas	Gas
315	Dec	6539A	Wilson Park	67 Mohawk Street	Pittsfield	1	WMECO	1167	778	389	3.98	N/A	Gas	Gas
316	Dec	6539B	Wilson Park	69 Mohawk Street	Pittsfield	1	WMECO	1167	778	389	3.98	N/A	Gas	Gas
317	Dec	6539C	Wilson Park	71 Mohawk Street	Pittsfield	1	WMECO	1751	1167	584	3.98	N/A	Gas	Gas
318	Dec	6539D	Wilson Park	135 Calumet Street	Pittsfield	1	WMECO	1167	778	389	3.98	N/A	Gas	Gas
319	Dec	6539E	Wilson Park	137 Calument Street	Pittsfield	1	WMECO	1167	778	389	3.98	N/A	Gas	Gas
320	Dec	6560A	Wilson Park	54 Memorial Drive	Pittsfield	1	WMECO	1268	845	423	4.26	N/A	Gas	Gas
321	Dec	6560B	Wilson Park	56 Memorial Drive	Pittsfield	1	WMECO	1268	845	423	4.26	N/A	Gas	Gas
322	Dec	6560C	Wilson Park	58 Memorial Drive	Pittsfield	1	WMECO	1268	845	423	4.26	N/A	Gas	Gas
323	Dec	6560D	Wilson Park	60 Memorial Drive	Pittsfield	1	WMECO	1268	845	423	4.26	N/A	Gas	Gas
324	Dec	6560E	Wilson Park	62 Memorial Drive	Pittsfield	1	WMECO	1268	845	423	4.26	N/A	Gas	Gas
325	Dec	6558A	Wilson Park	40 Memorial Drive	Pittsfield	1	WMECO	1268	845	423	4.27	N/A	Gas	Gas
326	Dec	6558B	Wilson Park	42 Memorial Drive	Pittsfield	1	WMECO	1268	845	423	4.27	N/A	Gas	Gas
327	Dec	6558C	Wilson Park	44 Memorial Drive	Pittsfield	1	WMECO	1268	845	423	4.27	N/A	Gas	Gas
328	Dec	6558D	Wilson Park	46 Memorial Drive	Pittsfield	1	WMECO	1268	845	423	4.27	N/A	Gas	Gas
329	Dec	6558E	Wilson Park	48 Memorial Drive	Pittsfield	1	WMECO	1268	845	423	4.27	N/A	Gas	Gas
330	Dec	6548A	Wilson Park	94 Memorial Drive	Pittsfield	1	WMECO	1649	1100	550	4.39	N/A	Gas	Gas
331	Dec	6548B	Wilson Park	96 Memorial Drive	Pittsfield	1	WMECO	1649	1100	550	4.39	N/A	Gas	Gas
332	Dec	6548C	Wilson Park	98 Memorial Drive	Pittsfield	1	WMECO	1649	1100	550	4.39	N/A	Gas	Gas
333	Dec	6548D	Wilson Park	100 Memorial Drive	Pittsfield	1	WMECO	1100	733	367	4.39	N/A	Gas	Gas
334	Dec	6557A	Wilson Park	134 Memorial Drive	Pittsfield	1	WMECO	1649	1100	550	4.57	N/A	Gas	Gas
335	Dec	6557B	Wilson Park	136 Memorial Drive	Pittsfield	1	WMECO	1649	1100	550	4.57	N/A	Gas	Gas
336	Dec	6557C	Wilson Park	138 Memorial Drive	Pittsfield	1	WMECO	1649	1100	550	4.57	N/A	Gas	Gas

Glossary of Terms

Total sqft	Includes all conditioned and unconditioned common areas, tenant units and basement
Conditioned sqft	Includes all conditioned common areas, tenant units and basements only if basement is finished AND heated
Common area sqft	Includes all conditioned and unconditioned common areas and basement and excludes only tenant unit square footage
Btu/Conditioned sqft	Total annual Btus divided by conditioned square footage
Annual Therms	Total annual therms
Therms/sqft	Total annual therms divided by conditioned square footage
kwh/common area sqft	Total annual kwh divided by common area if building electric meter covers only common areas. Total annual kwh divided by common area if building electric meter covers only common areas. If a building's common area alectric meters include significant outdoor lighting this number can be artificially high.
kwh/bldg sqft	Total annual kwh divided by total building square footage if electricity is master metered and covers whole building or if all tenant meters are being tracked as well as common areas
N/A (in kwh/common area sqft field)	Obtaining common area square footage was not required because building is master metered and the whole building metric could be calculated

Attachment C

Harrington, Cheryl

From: Lily Perkins-High [lperkinshigh@wegowise.com]
Sent: Tuesday, January 29, 2013 2:53 PM
To: Stephenson, Benjamin
Cc: Harrington, Cheryl; jerroldopp@democracyandregulation.com
Subject: Following up on 2012 Account Report Quotas for Unitil Gas and Electric

Hi Ben,

I apologize for the confusion regarding the 2012 quotas for Unitil Electric and Gas. As discussed, we have met the 2012 reporting goals and are on track to meet the Account Report totals for the entire LEAN Benchmarking Inventory. I've provided a more thorough explanation below.

We are working towards a total of 101 Account Reports for both Unitil Electric and Gas over the entire LEAN Program. In 2011, we reported 60 Account Reports for each utility, at a monthly average of 5 Account Reports/month/utility. We worked at this pace to make up for a shortage from 2010 when had not reported any buildings to Unitil Electric or Gas. Through a misunderstanding, we continued to report at this pace for most of 2012. We realized this mistake in October (when we were having trouble finding more buildings to benchmark) and then readjusted the monthly quotas because we did not want to surpass the inventory totals. We finished off 2012 with 33 Account Reports to Unitil Electric and 55 Account Reports to Unitil Gas. To date, we've reported 93 Account Reports to Unitil Electric and 115 Account Reports to Unitil Gas, leaving us with 8 remaining Account Reports for our Unitil Electric Quota and an overflow of 14 Account Reports for our Unitil Gas Quota.

Does this answer your question? Please let me know if I can further clarify.

Thank you,

Lily

Lily Perkins-High Project Manager, *WegoWise, Inc*
Tel: 617.367.9346 x204 | www.wegowise.com

Read our latest blog post: WegoWise's Top 5 Links for Green Smartphone Apps

Performance Metric Documentation

C&I Metric #1

Retrofit – Depth of Savings

Metric Number	Metric Language	New England Gas Target (2011 threshold level)	New England Gas Production
C&I #1Retrofit – Depth of savings	For 2012, PAs must perform assessments and obtain X*Y customer commitments to follow-through with savings of at least 20% building energy savings of one fuel (gas or electric).To be eligible ,buildings must have a minimum of 5% of savings from the alternate fuel (electric, natural gas, oil, propane, or coal) Definitions and qualifiers: PAs must complete a minimum of 75% of projects that qualified for the 2011 metric by year end 2012 as a minimum criterion for being eligible for the 2012 metric. "Building" is defined as the whole space under management and control of the customer, which can include tenant space in a larger building. Customer energy use is defined as the previous 12 months of billing data for electric and one-third the previous 36 months of billing data for non-electric fuel(or portion thereof annualized if less billing history available). Gas uses a longer term to average past weather and avoid unusual usage because of a single extreme weather year. A "commitment" is a signed application or Memorandum of Understanding. A single commitment can cover multiple buildings and, if so, each building may be counted as a separate commitment. Note: It is the PAs' and EEAC's intent to have 2013 performance metric dollars tied to the 2012 commitments be coming installed with savings in 2013. Baseline ("X") in the 2012 metric is equal to the 2011 actual achievements, or the 2011 metric threshold level, whichever is greater. X*Y should be rounded to the next highest integer.	Threshold:NA Design:2 Exemplary:3	Design level

Projects	City	Signed Commitment or Appl. Date	Basic Project or EEM Description	Est. % Electric Savings from Elec EEMs	Est. % Therm Savings from Gas EEMs	Expected Completion Date	Electric PA	Gas PA
1	Swansea	Completed in 2012	NEG: CO_2 sensors in Gym Ngrid Elec: Lighting Systems & controls	29%	5%	Completed	NGRID	New England Gas
2	Fall River	Completed in 2012	EMS	32%	8%	Completed	NGRID	New England Gas

Performance Metric Documentation

C&I Metric #2

New Construction
Comprehensiveness and Depth of Savings

Metric Number	Metric Language	New England Gas Target	New England Gas Production
C&I #2New Construction -- Comprehensiveness and depth of savings	Each PA must show in a minimum of X*Y%% for electric PAs and X*Z% for gas PAs of eligible new construction or substantial/major renovation projects at least an estimated 20% whole building savings (gas and /or electric) compared to code. For those projects without gas service, electric PAs can meet the metric with 20% whole building electric savings only. Definitions and qualifiers: Eligible projects are all projects that are new construction, additions, or major renovations. Equipment replacement only projects do not count unless they meet one of the above categories. The following is the definition that all Program Administrators of the Mass Save® Programs will be using to determine if a project under the New Construction Program is a true new construction project and thus part of the eligible projects for Metric #2. 1. Any new building constructed from the ground up and has an Architect and MEP associated with the design 2. Any building that is under going a major renovation that has an Architect and MEP associated with the design. The renovation must include replacement of the lighting and HVAC (electric & gas), in addition to bringing the building envelope up to code. 3. Projects excluded from this metric include design build, tenant fit-outs, and any other projects that do not meet the criteria of 1 & 2. PAs must complete a minimum of 75% of projects that qualified for the 2011 metric by year end 2012 with an expected 2012 completion date as a minimum criterion for being eligible for the 2012 metric. Projects counted for the 2011 metric that close in 2012 cannot be counted toward this metric, Projects with commitments in 2012 count toward this metric, as well as new projects closed in 2012 that were not counted for in 2011. Core Performance projects will qualify at the threshold level and can be counted at the Design Level if the projects include at least one Enhanced Strategy and be counted at the Exemplary Level if the projects include at least two Enhanced Strategies. "Building "is defined as the whole space under management and control of the customer, which can include tenant space in a larger building. If total number of new construction or substantial/major renovation projects for a specific PA is less than 4, the PA may meet the design or exemplary level with 1 project. Baseline ("X%") in the 2012 metric is equal to the 2011 actual achievements, or the 2011 metric threshold level, whichever is greater. Standard rounding technique applies with minimum of one whole number increase.		Did not meet.

Performance Metric Documentation

C&I Metric #3

Direct Install
Electric and Gas Integration

New England Gas

Metric Number	Metric Language	New England Target	New England Production
C&I #3Direct Install Electric and Gas Integration	For each electric PA program in 2012, achieve an average of X%*Z% electric savings per site. For each gas PA, achieve Y%*Z% of all projects done in territory having at least one gas measure installed where gas is used. Savings for a site based on the projected savings divided by the previous 12 months of electric consumption. This metric applies to all projects influenced by the Direct Install Program and completed in 2012. Baseline ("X%") in the 2012 metric is equal to the electric PA's 2011 actual achievements, or the 2011 metric threshold level, whichever is greater. Baseline ("Y%") in the 2012 metric is equal to the gas PA's 2011 actual achievements, or the 2011 metric threshold level, whichever is greater.	Threshold: 7% Design: 8% Exemplary: 9%	Did not meet

Performance Metric Documentation

C&I Metric #4

Combined Heat & Power

Commercial & Industrial Metric #4
Combined Heat & Power

The Company's achievement was below threshold for C&I Metric #4, Combined Heat & Power.

Performance Metric Documentation

All Sector Metric #1

Other Financing
Electric & Gas – Statewide

New England Gas Company

All Sector Metric #1
Other Financing Capital

		Number of Loans	Dollar Value of Loans
2011	Heat Loans	0	$0
2012	**Heat Loans**	**5**	**$63,750**

Because New England Gas had $0 in 2011, for purposes of calculating achievement of this metric, the Company is making the following assumption:

Baseline = 1 loan = $12,750 ($63,750/5)

		Achievement Goals		Actual Achievement
Threshold =	2011 Actual Dollars Plus 20%	Threshold =	$15,300.00	
Design =	2011 Actual Dollars Plus 30%	Design =	$16,575.00	
Exemplary =	2011 Actual Dollars Plus 40%	Exemplary =	$17,850.00	$63,750

In 2012, the Company used qualifying financing capital that was effective at increasing customer participation in its energy efficiency programs, consistent with the "other financing capital" metric. Specifically, the Company is pleased to report that 5 customers took advantage of the Heat Loan in 2012 compared to 0 in 2011. Customer Heat Loan amounts represented $63,750, of which the Company interest buy down was $10,053. The financing metric states that "The total 2012 HEAT Loan interest buydown for qualifying financing capital shall not be more than 20% of the total 2012 loan amount for the loans using qualifying financing capital. The total amount of financing capital issued through the HEAT Loan program in 2012 would qualify." Due to the Company's exponential increase in financing activity over its baseline of $0, the Company has earned the exemplary achievement level.

Performance Metric Documentation

All Sector Metric #2

Cost Efficiency of Program Expenditures

[Electric & Gas – Statewide]

New England Gas Company

Metric Number	Metric Language
ALL SECTOR #2: Cost Efficiency of Program Expenditures {Electric and Gas} - Statewide	Design Level Performance: $ Value of Benefits in Plan/Adjusted PA Costs where Adjusted PA Costs = Program Planning & Administration + Marketing & Advertising + Participant Incentive +Sales, Technical Assistance and Training. Evaluation and Market Research, Performance Incentives, and Lost Base Revenue/Decoupling Revenue are excluded from these costs. In addition, expenditures related to funding for EEAC Consultants and for the DOER Assessment are also excluded. Exemplary Performance: Set at 125% of the $ Value of Benefits in Plan/Adjusted PA Costs. This performance metric is scaleable. Performance at the end of the program year will be assessed by calculating the above ratio using the actual $ Value of Benefits acquired in the year and actual adjusted PA costs defined consistently with adjusted PA costs from the Plan. This ratio will be divided by the Design Level performance target for the PA to determine the percentage of the design level incentive earned. If this ratio is not at least 75% of the Design level target for the PA, then the PA will not earn an incentive under this metric. The exemplary level of performance is achieved when this ratio is at least 125%.

	Plan	Evaluated/Actual
Total Benefits	$5,446,004	$4,173,089
Program Administrator Budget		
Program Planning and Administration	539,866	663,952
Marketing and Advertising	106,661	41,862
Participant Incentive	1,243,131	1,065,208
Sales, Technical Assistance & Training	337,185	181,065
Total Adjusted Program Administrator Budget	$2,226,844	$1,952,086
EEAC Consultants	5,532	7,289
DOER Assessment	15,559	25,703
Total Adjusted Program Administrator Budget less EEAC Consultants and DOER Assessment	$2,205,753	$1,919,095
Total Benefits / Total Adjusted Program Administrator Budget less EEAC Consultants and DOER Assessment	2.47	2.17
Design Level Target (Plan)		2.47
Percentage of the design level incentive earned		88.07%

APPENDIX E: Other Supporting Documentation

1. Competitive Procurement

The chart below summarizes competitive procurement activities in 2012. As shown in the chart, three (3) statewide RFPs for gas PAs, and zero (0) Company-specific RFP were released for implementation in 2012.

RFP #	ISSUED ON BEHALF OF	TOPIC	WINNER OF BID	NUMBER OF VENDORS RECEIVING RFP	NUMBER OF RESPONSES
1	Statewide – All Electric & Gas PAs	Builder's Guide to Deep Energy Renovation	Building Science Group	6	1
2	Statewide – All Electric & Gas PAs	Mass Save Upstream HVAC and Heat Pump Initiative	Energy Federation Inc.	9	3
3	Statewide – All Electric & Gas PAs	Massachusetts Statewide Education, Marketing, and Outreach Working Coalition for Mass Save	Kelliher Samets Volk	8	4

For each RFP's scope of work, which describes the proposal requested, please see Appendix E, Attachment E-1(a).

For a sample of the Terms and Conditions of the Company, please see Appendix E, Attachment E-1(b).

RFP for Builder's Guide to Deep Energy Renovation

RFP Objective
The Mass Save® program administrators would like a price to produce a Builder's Guide for the Deep Energy Renovation measures in the 2013-2015 residential energy efficiency programs.

A Builder's Guide will be a critical component of the delivery of the 2013-2015 residential Deep Energy Renovation measures. The DER would be available for download (as a PDF) from the Mass Save® website for homeowners, designers, and contactors to understand exactly what is required in the Deep Energy Renovation measures.

The Builder's Guide would provide several benefits:
Benefit One: DER Technical Review and Support costs - The Builder's Guide would dramatically reduce the required building science technical support. Additional building science technical review support would be needed only to address unusual conditions that are not covered in the Builder's Guide.
Benefit Two: DER Construction Inspections - The Builder's Guide would create a finite number of envelope assemblies in the Deep Energy Renovation measures. This would aid a broader array of vendors in developing expertise to inspect these allowed assemblies.
Benefit Three: Increased Spillover - An easy-to-read Builder's Guide would allow homeowners and developers to create DER projects throughout Massachusetts and Rhode Island whether or not they participate in an energy efficiency incentive program (for example in municipal electric areas). In addition, homeowners could use these details even if they are only renovating a kitchen or part of the basement (insufficient area to qualify for DER program). The homeowner could capture the opportunity at the time of renovation to increase the efficiency of their home with confidence that the new envelope will not have moisture or durability issues.
Benefit Four: Integration with Industry
The Builder's Guide finite number of envelope assemblies would enable partnership with retail partners, such as Home Depot and Lowes. The retail partners could create a materials list for each envelope assembly. Please note, the Builder's Guide would refer to all products **generically**, such as "rigid 2 inch XPS (extruded polystyrene)" and would not use brand names. The materials list from the retail partners would eliminate the guesswork for homeowners, architects, and contractors in determining which products to use in their projects.

Required Credentials
At least one member of the contractor team must have master's degree. in a field of or relating to building science and more than 10 years of experience designing, implementing, and evaluating building assemblies.

The contractor team must have previous experience creating and publishing an illustrated Builder's Guide - at least one hardcopy and one PDF version of previously created Builder's Guide must be included in RFP response.

Scope of Work

Format of Builder's Guide

The DER Builder's Guide will be distributed both as a hardcopy book as well as a downloadable PDF available on the Mass Save® participant websites. The hardcopy DER Builder's Guide would be an approximately 4X8 (perhaps 5X8) spiral-bound book. The DER Builder's Guide will be branded as a Mass Save® product.

All enclosure assemblies must detail a continuous air barrier, thermal barrier, and robust moisture management. The enclosure assemblies must meet the following thermal requirements:

- R60 roof
- R40 exterior wall and frame floors (overhangs)
- R20 foundation wall
- R10 basement slab

The Builder's Guide must describe and provide illustrations (section view) of the following enclosure assemblies, as well as how the different assemblies interconnect with each other to maintain a continuous air, vapor, and thermal barriers:

- At least 3 distinct roof assemblies, including cathedral ceiling, flat ceiling with attic, and intersections between ceiling types and walls. At least one roof assembly must show location where additional building materials (such as firerating materials) may be supported.
- At least 3 distinct wall assemblies, including treatment of window and door installation, fire separation walls, and at rim/band joist areas. At least one wall assembly must show location where additional building materials (such as firerating materials) may be supported.
- At least 3 (2 of which are from the inside) distinct below grade foundation wall assemblies, including poured concrete, concrete block or panels, and 'rubble' foundation types. Foundation assemblies shown must also list their flooding / drying tolerance; the contractor is encouraged to show assemblies that range from "bone dry" to "floods regularly". At least one foundation wall assembly must show location where additional building materials (such as firerating materials) may be supported.
- At least 3 distinct basement slab assemblies, including insulation above and below the concrete.
- At least 3 distinct insulated crawlspace ceiling or exposed frame floor (overhang) assemblies at the recommended insulation level
- At least 3 distinct attached garage wall and ceiling assemblies at the recommended insulation level, including how un-insulated garage planes intersect with insulated house planes.

All materials shown in the illustrations shall be rated for the illustrated purpose and shall have at least a 25 yr service life under expected conditions, aside from maintenance related to normal wear and tear.

Batt or blown fiberglass, mineral wool, and cellulose are considered interchangeable and do not comprise "distinct" wall assemblies.

Illustrations (section view) must be provided for all transitions. Appropriate details must be shown to connect to adjacent building components:

- All DER wall assemblies to all DER-treated roof assemblies,
- All DER wall assemblies to standard roof,
- All DER roof assemblies to standard wall,
- All DER wall assemblies to standard foundation wall,

- All DER wall assemblies to all DER foundation wall assemblies,
- All DER foundation wall assemblies to all DER slab assemblies

Sequencing illustrations for building materials installation (one illustration per step) for affected exterior wall and roof areas:

- Window, door, and skylight penetrations,
- Porch roofs and attached un-insulated frame structures
- Electrical, HVAC and plumbing penetrations,
    - Electrical: service entrance (SE) on wall, through wall, or through roof, exterior exposed wiring and meter socket mounting means, outdoor wiring box in ceiling or wall assembly, exterior low voltage wiring retrofit (to be left with homeowner)
    - HVAC and plumbing: gas or oil piping entry or exit, refrigerant lines, exterior piping mounting means, flues and intakes for combustion appliances, intakes and exhausts for ventilation, including kitchen, dryer, and radon venting, soil pipe exit, sewer system venting
- Chimney/flue penetrations for gas, liquid, or solid fuel burning devices (furnace, boiler, fireplace, woodstove, pellet stove, etc.) including air intake associated with flue

Products Recommendations:
Provide generic names of recommended products that facilitate a DER retrofit:

- Insulation, siding, roofing, weatherstripping products
- Gaskets, flashings, and sheathing tapes
- Uncommon fasteners
- Products that result in improved air-tightness, such as floating shuttle vents for dryer, back-flow preventing dampers on bathroom exhaust fan, etc. Include performance requirements that customers should use when selecting products.

Mechanical Requirements

All combustion appliances (except ranges) shown must be isolated from indoor air, and interact only with outdoor air (sealed combustion).

Ventilation Requirements

The Builder's Guide must provide guidance for both balanced and exhaust-only ventilation (manual kitchen hood and continuous bathroom fan) as well as Heat Recovery Ventilation design. The Builder's Guide shall provide guidance on how to calculate ventilation CFM requirements to meet ASHRAE 62.2.
The Builder's Guide must provide building air-tightness threshold at which exhaust-only ventilation will not provide adequate ventilation.

- All homes must include kitchen range hood directly exhausted to the outdoors.
- All homes must have a mechanical means for exhausting bathroom air to the outdoors.

DER program Verification Requirement:

For each enclosure assembly a mid-construction DER field verification point will be determined. This point will be clearly noted in the DER Builder's Guide.

Lessons learned:
Demolition considerations for energy retrofits

- What to do with different conditions found during demolition / how best to get to end result
    - Board sheathing, lathe & plaster, working around old wiring, old plumbing, etc.
    - How to separate adjoining building features: porches, overhangs, etc.
    - Lead Safe recommendations
- Lessons learned on how to strip and re-clad a building for an energy retrofit

Material change-out section, due to having fewer details

- What materials are interchangeable
- Considerations when substituting materials

Include brief section on savings and benefits per renovated element.

Contract Requirements
The Builder's Guide does not need to be original work; reuse of existing illustrations and intellectual property is allowable, and any pre-existing illustrations and intellectual property included in the Builder's Guide can be reused and reproduced by the contractor team.

One time 6-18 months after the first printing, the Mass Save® program administrators will submit any typos and errors for correction and receive an updated digital version at no additional cost.

If other energy efficiency programs would like to rebrand the DER Builder's Guide for use in their energy efficiency programs, the interested party would need to negotiate a licensing agreement with the Mass Save® Program Administrators.

The Mass Save® Program Administrators will be able to reproduce and distribute the Builder's Guide in hardcopy and/or as a PDF file as needed.

The contractor team that creates the Builder's Guide will be able to reproduce and distribute the Builder's Guide as a hardcopy and/or PDF file as needed.

Contract Timeline

- RFP responses (no longer than 10 pages) must be submitted by June 15th. Work experience and education profiles of at least three of the DER Builder Guide project leads for must be attached to the proposal.
- Draft version must be complete and submitted for review by November 1, 2012
- Final version must be complete and submitted for review by December 1, 2012

SCOPE OF WORK

Mass Save Upstream HVAC and Heat Pump Initiative

3rd Party Program Manager

This attachment provides the scope of work to be provided by the 3rd Party Program Manager for the proposed Mass Save Upstream HVAC and Heat Pump initiative.

1. Program Description

The goal of this initiative is to transform the market for HVAC and Heat Pump (HP) equipment in MA by increasing the market share and availability of high efficiency equipment. This innovative approach will accelerate the adoption of new technologies by removing or reducing the initial cost hurdle for customers at the point of sale. Providing incentives upstream will enable us the Massachusetts PAs to influence a large portion of the market through fewer communication points while impacting the greatest possible number of purchase decisions. This approach complements the traditional downstream approach in which Energy-efficiency Program Administrators (PAs) work directly with customers and installers. Massachusetts PAs successfully launched a C&I lighting program (*Bright Opportunities*) in 2011 based on the upstream model[1].

Massachusetts PAs will partner with HVAC/HP distributors, and certain manufacturers that do not deploy their product through distributors, to offer incentives to buy down the incremental cost between standard and higher efficiency HVAC/HP equipment at the wholesale level as shown in Figure 1. A third-party party Program Manager will be selected to administer the program on behalf of PAs. When launched, this program will replace the current incentives for eligible equipment in the Mass Save *Cool Choice* and *Cool Smart* programs.

The PAs expect to begin integrating certain pre-launch tasks in November and December 2012. Program will be officially launched in January 1, 2013 for the C&I segment. Residential products may be added later in 2013.

[1] Mass Save C&I Upstream Lighting, www.masssave.com/upstreamlighting

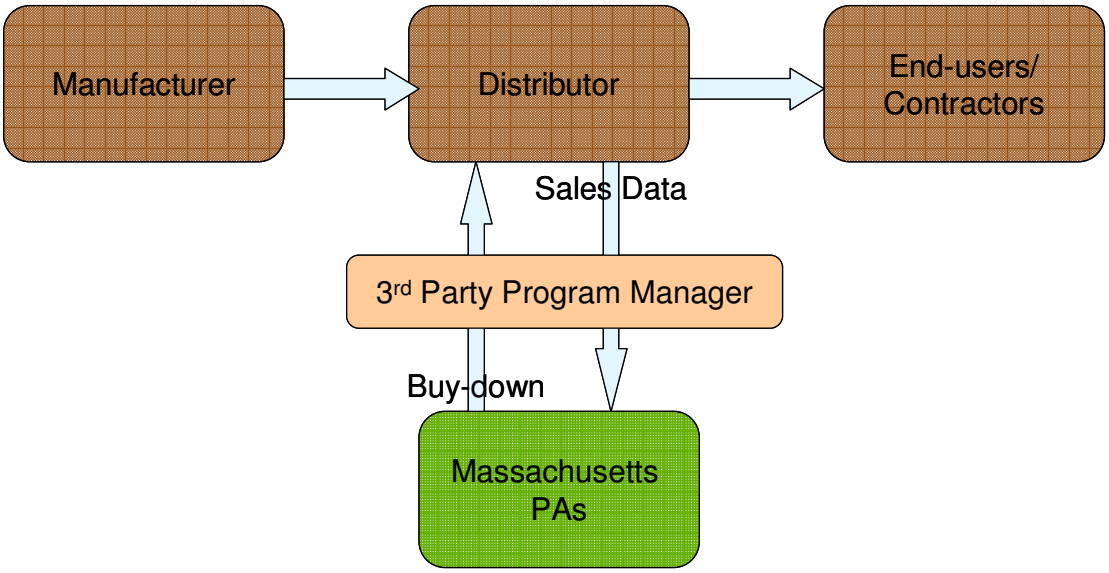

Figure 1: Upstream Program Model

2. General Program Scope

Territories: Massachusetts

Program Administrators: Cape Light Compact, National Grid, Northeast Utilities (NSTAR and Western Massachusetts Electric Company), and Unitil

3rd Party Program Manager Services: Overall management of the program which includes:

- Program launch and ongoing implementation
- Monthly invoice processing and distribution of incentives to participating distributors/manufacturers
- Collection, Verification, and Reporting of sales and incentives for eligible products
- Distributor enrollment, coordination and training
- Reviewing program progress with respect to goals and providing recommendations to improve performance, as applicable.

3. Eligible Equipment

Incentives are available for residential and commercial unitary air conditioners and heat pumps according to the size and efficiency levels found in the following table. All incentives are subject to change, additional measures may be added.

Commercial AC

CEE Tier I

Unit Size (Tons)	SEER	EER
5 (split)		
5 (packaged)	14	11.6
7.5		11.5
10		11.5
12.5		11.5
15		11.5
20		10.5

CEE Tier II

Unit Size (Tons)	SEER	EER
5 (split)	15	12.5
5 (packaged)	15	12
7.5		12
10		12
12.5		12
15		12
20		10.8

Commercial HP

CEE Tier I

Unit Size (Tons)	SEER	EER	HSPF	COP
5	14	12	8.5	
5	14	11.6	8	
7.5		11.5		3.4
10		11.5		3.4
12.5		11.5		3.2
15		11.5		3.2
20		10.5		3.2

CEE Tier II

Unit Size (Tons)	SEER	EER	HSPF	COP
5	15	12.5	9	
5	15	12	8.5	
7.5		12		3.4
10		12		3.4
12.5		12		3.2
15		12		3.2
20		10.8		3.2

Residential AC

Type	SEER	EER
Central AC	14.5	12
Central AC	15	12.5
Central AC	16	13

Residential HP

Type	SEER	EER
Cool Smart HP	14.5	12
Cool Smart HP	15	12.5
Mini-Split HP	19	12
Mini-Split HP	23	13

Energy Saving Control and Fan Motor Options (When installed with new qualifying equipment)

Dual Enthalpy Economizers

Demand Control Ventilation

ECM Motor Fans

4. 3rd Party Program Manager Responsibilities

4.1. Program Implementation

- Identify relevant manufacturers, distributors, and contractors (Note: Mass Save PAs has already discussed the proposed program model with the key manufacturers and distributors in Massachusetts).
- Develop materials to be approved by the PAs to sell the program to manufacturers, distributors, and contractors.
- Facilitate relationships with stakeholders and document agreed upon obligations by getting the relevant manufacturers, distributors, and contractors to sign Memorandum of Understanding (MOU) and contracts, as applicable.

4.2. Program Management

- Provide overall program management of the initiative including primary responsibility for all program management, processing, coordination, and necessary reporting to ensure the success of the initiative.
- Provide a single point-of-contact Program Manager to the PAs to oversee the effort and coordinate with the PAs.
- Maintain on-going communications with the PAs -- their marketing and product development, strategy, and/or vendor management representatives -- to ensure program needs are being met.
- Provide on-going feedback to the PAs regarding progress, problem areas, and possible enhancements to the initiative.
- Attend regularly scheduled meetings (as often as once per month) with the PAs (as a group, not individually).
- Design and maintain an electronic database for all program data and activity in a format approved by the PAs. The PAs will work with the selected Program Manager to define the specific data to be collected and reported, and the final database formats.
- Conduct meetings/webinars with distributors to educate and train distributors' staff on data collection, reporting, and submittal process.
- Coordinate and work with distributors, including underperforming distributors, to ensure success of the initiative.
- Seek prior approval before undertaking any significant planning or development tasks.
- Educate and train local HVAC contractors to transform the market to more efficient HVAC equipment.

4.3. Incentive Processing

- Collect and track product invoices, bills of lading, shipping invoices, and/or sales report data to verify requests for reimbursement from distributors. Sales data

collected from distributors will include at a minimum the following for all standard and high efficiency units
    - The Date of each sale
    - The Invoice Number of each sale
    - The P.O. Number or job name
    - The Ship-To address, if applicable
    - The Purchaser (contractor)
    - The End-use customer name and contact information including installation and billing address
    - Quantity, make, model, efficiency rating etc. of qualifying equipment sold
- Allocate sales data to each PA based on end-user installation address. This installation address will determine the PA that the savings will be allocated to, as well as the incentive amounts owed by each PA.
- Provide processing of payments to distributors for eligible products sold based on sales data. Payments to distributors will be made on a monthly basis within 30 days of receipt of sales data. The Program Manager shall remit payments to distributors and then submit invoices to the appropriate PA(s) for reimbursement as detailed below.
- Provide monthly billing to each PA within 10 days of the close of the month. Each PA will be billed individually based on their savings allocation, and each bill will detail both joint and any PA-specific charges along with the claimed savings and sales data.
- Store and maintain all supporting documents required for reimbursement.
- Resolve data and report discrepancies with Participating Distributors.

4.4. Incentive Reporting

- The Program Manager will develop and maintain a web-based tracking system on a secure site which will provide dashboard reporting to each PA. The collected data shall uploaded into the web-based tracking system. This data shall also be exportable to an Excel or a database format acceptable to each PA. The reporting system will allow easy manipulation of the data and have a user-friendly printing capability. The system will be able to track and report all key information and metrics required to track the overall success of the initiative. This includes, but is not limited to:
    - Overall initiative summary, to date and by month, by PA and in total
    - Product group summary – for example, Tier 1 or Tier 2, Heat pump or AC, residential or commercial – by PA and in total
        - Residential equipment must match 08-50 measure lines
    - Distributor sales summary, by PA
    - Distributor sales summary, aggregated across all PA
    - Invoiced vs. sales summary – current and year-to-date product quantities and dollar amounts – by Distributor and in total
    - Current and year-to-date product quantities and incentive amounts – by Distributor and in total

- Provide monthly reports to each PA in a format acceptable to each PA that provides information necessary for each PA to claim program energy-savings.
- Report on the number of unprocessed forms and on the average and maximum number of days before a distributor is reimbursed after submittal of the necessary incentive documentation.
- Provide reports from the database to each PA on a monthly basis. The reports shall contain both PA specific and aggregate reporting. The Supplier will electronically transfer data in a format specified by each PA, as required for each PA to claim and report program savings. In addition, the Program Manager shall have the ability to produce ad-hoc reports upon request of a PA

5. Desired Qualifications

Ideal 3rd party Program Manager candidates will have:

- Proven expertise in managing similar Energy Efficiency incentive programs that work at the manufacturer and distributor level
- Electronic database with capabilities to track equipment data (types, model number, efficiency ratings, etc.) installation data and associated savings
- IT systems to process incentives, invoice PAs and distribute incentives to participating distributors in a timely manner
- Established relationships with equipment manufacturers and distributors including those active in the MA market. [Local presence and field support is preferred.]
- Familiarity with existing HVAC and HP equipment including manufacturers, types, models, efficiency ratings, and industry nomenclature
- Commercial and residential HVAC expertise, especially pertaining to air conditioners and heat pumps
- Prior experience in effective communication and coordination with manufacturers, distributors, and utilities/PAs

6. Program Administrator Responsibilities

Each of the PAs will contract individually with the selected Program Manager in accordance with a cost-allocation schedule that will be established with the Program Manager prior to the start of work. Mass Save, collectively funded and operated by the PAs, will coordinate and conduct advertising in support of this initiative. A common marketing theme will be developed that will form the strategic basis for the overall campaign. Note that the actual implementation of specific elements of the marketing campaign may vary among PAs.

Request for Proposal

Massachusetts Statewide Education, Marketing, and Outreach Working Coalition for Mass Save

Scope of Work

July 1, 2012

Introduction

The Statewide Education, Outreach, and Marketing Working Group (Sponsors), in anticipation of the approval of the Massachusetts three-year statewide energy efficiency plan on or before January 31, 2013, requests proposals to provide public education, outreach, marketing, and public relations services in support of the Massachusetts utilities and energy efficiency providers' three-year energy efficiency plan (the Plan, [see Attachment I for the 2010-2012 Plan text]).

Background

Mass Save is a joint effort of energy efficiency providers in Massachusetts who collectively implement a three year energy efficiency plan in Massachusetts. The Sponsors are Berkshire Gas, Cape Light Compact, Columbia Gas of Massachusetts, National Grid USA, NSTAR, New England Gas, Unitil and Western Massachusetts Electric Company. The Sponsors, also known as Program Administrators, seek to develop and implement a range of marketing activities that include public education, outreach, and public relations. The objective is to:

- Increase consumer awareness of energy efficiency and its benefits ("Consumers" include residential, low-income, commercial, industrial and municipal customer sectors as well as trade/industry professionals).
- Encourage and facilitate consumers' subsequent participation in energy efficiency programs.
- Foster behavioral changes that lead to energy savings, the reduction of greenhouse gas emissions, and monetary savings.
- Apply evaluation results from the Statewide Evaluation, Measurement and Verification (EM&V) framework to better understand the unique drivers, demographics, economic parameters, and behavioral differences among residential customers and among various key subsectors of non-residential customers, then design and deliver messaging accordingly. Please see http://www.ma-eeac.org/docs/090908-EMVresolution.pdf for the Energy Efficiency Advisory Council's Resolution on EM&V.

An effective statewide education and marketing plan is central to the statewide three-year plan, and will help transform markets for energy efficiency. The table below lays out the market size for this campaign:

Fuel Type	Number of Residential Consumers	Number of Commercial, Industrial, and Municipal Consumers
Electric	2,323,128	341,385
Gas	1,419,291	139,532

Program Benefits

The Sponsors expect this public energy efficiency campaign to:

- Use messaging that clearly describes the benefits and importance of energy efficiency for both residential and the various non-residential customer segments.
- Reach the maximum number of consumers possible.
- Market to differentiated consumer types and communities throughout the state includes communities where English is not the primary language.
- Utilize multiple media (e.g. Internet, website, social media, bill inserts, television, radio, billboards, public transit, trade, business, print, newspaper, SEO, Google and professional associations), as appropriate in reaching the targeted audiences.
- Leverage statewide and program marketing strategies together to achieve deeper and broader savings.
- Carry the value proposition and look and feel from the statewide brand of Mass Save® as well as Sponsor brands as the architects.
- Recognize that commercial and industrial customers respond differently to various channels used in traditional marketing. For instance C&I programs rely heavily on personal business contacts through Sponsor key account managers for their large managed accounts and use other cross channels for their mid- non-managed commercial accounts. These would include trade allies and other design professionals engaged in promoting better building design and construction practices.

Program Strategy

The strategies and messages developed for statewide energy efficiency education, outreach and marketing will augment the efforts thus far across the Commonwealth, including ongoing program marketing. Program marketing will be coordinated with the statewide efforts, and the statewide efforts will complement program marketing wherever possible, to leverage program and individual Sponsors' efforts.

The education, outreach, and marketing efforts should move consumers from awareness to action.

Program Objectives

To realize the potential for public education, outreach, and marketing, the Sponsors have identified the following steps in the process:

- Identify consumers' values related to energy efficiency, what will motivate them to take action, and whether there are any barriers to taking action. These values are different in the two markets of residential and commercial customers. Develop and test tactics to bridge the gap between awareness and action.
- Make public education a priority and provide information that clearly outlines the benefits of energy efficiency and the value of going beyond simple actions to deeper savings.
- Encourage behavioral changes that will conserve energy, manage costs, and reduce greenhouse gas emissions.
- Broaden awareness of available resources and actions.
- Maximize the number of individuals, organizations, and businesses that take action to reduce energy use.
- Support the Sponsors with targeted initiatives at the statewide level.

Scope of Work

The Sponsors' overarching priority is to create powerful, engaging, and motivating strategies that will increase Massachusetts' consumer and business awareness of the benefits of energy efficiency and will also increase their subsequent actions to reduce usage, primarily through the Sponsors' available energy efficiency programs. These efforts should build on the Mass Save® name and establish that name and the Sponsors as the recognized, reliable sources for all things about energy efficiency in Massachusetts. The strategies will take into account the unique motivational differences between residential and the various subsets of non-residential customers. While these actions may include commonly recognized multi-channel campaigns for residential customers, it is expected that the bidders will identify the most effective touch points for residential and non-residential customer targets, sectors and motivations. In addition it is necessary that the different tactics used for these sectors will be measurable so that feedback will inform changes to deployment of the marketing and communication campaigns. The bidders' statewide marketing plan should be based on an approximate budget of $3.5 million. Task 3 (website support and maintenance) may be bid individually or as part of a team approach that includes all tasks. Sponsors anticipate this to be a 2 year contract with an option to renew for an additional year. Proven ability to deliver and monitor digital and social media campaigns should be included.

Consultant Responsibilities:

The Sponsors request proposals from firms that can plan and execute an integrated education, outreach and marketing strategy. The successful bidder will develop an overarching program to submit to the Sponsors for approval prior to implementation. Then with input from the Sponsors, the successful bidder and any sub-contractors will be expected to provide at least the following services:

Task 1 Statewide Brand Building and Messaging

- Creation of collateral and support materials, including creative concepts (e.g., themes, slogans, design, layout, copy writing, graphics) for attractive, plain language publications such as brochures, tip strips, posters and other printed materials.

- Development and execution of integrated media strategy, including a mass media (television, radio, print, "out of home" [e.g. billboards, bus cards, subway platform posters], web, social media, organic and paid online search) communications plan, including creative development, production and placement and results measurement.

- Creation, maintenance, storage and transport of exhibit and display materials (including maintenance, storage and transport), and educational materials branded with campaign messages. The Sponsors already have a portable tent, tablecloths, and banner stands with the Mass Save® look and feel. Please see Attachment II for the Brand Guidelines and Color Palette.

- Coordinate with Statewide Evaluation Efforts including tracking, monitoring, and evaluation of subsequent initiatives to determine campaign effectiveness and ROI of specific tactics and strategies. The successful bidder will track market response including website statistics, ad responses, reach and frequency of media, or other forms of data that can be monitored and used to positively impact the implementation the campaign.

- All elements of the campaign must consider the following:
  - Materials must be appropriate for widely diverse consumer groups in the Commonwealth as well as specific targeted groups.
  - The influence and importance of trade allies on program success.
  - Language must be simple, non-technical, and accessible to laypersons (while understanding motivational distinctions between diverse customer classes). Depending on campaign tactics materials may need to be accessible for specialized audiences (e.g., elderly, non-English speaking, etc.).

Task 2 Public Relations

- Development and execution of public relations plan designed to extend the reach of priority messages.

- Outreach strategy may include events and presentations (e.g., fairs and home shows, business or trade conferences, etc.), participation in special events, sponsorships/advertisements at arenas and sporting venues (where feasible), community events, and newspaper supplements.

Task 3 Website Support and Maintenance

The current framework for the Mass Save website is Sitecore CMS system based. Currently, Sponsors are able to update day-to-day, minor content in the site. It is anticipated this will continue, however, there may be a need for the successful bidder to update the website for the Sponsors. Please see Attachment III for the current requirements for hosting and maintenance.

The core goals for the website are:

- Enhanced user experience – Make finding information easy, logical, and fluid. Present information in a consistent and productive manner and automate wherever possible.

- Increased Participation – Improve the program participation rate by quickly informing customers which programs they qualify for and streamlining the application and approval process.
- Reduced Costs – Ensure CMS and other common elements are automated where possible and easily accessible.
- Ease of Maintenance – Reduce inaccuracies, outdated information and labor by creating a standard and centralized workflow for updating the energy efficiency program content.

The successful bidder will meet with the Working Group to identify future needs for the website to enhance the usability of the website to make it easier for customers to get information and participate in Mass Save's energy efficiency programs.

Bidders will be required to host and maintain the website as well as provide necessary training and support for Sponsors. If bidder opts to use a CMS system other than Sitecore, the new system and reason for change must be provided.

Task 4 Other Contractor Responsibilities

In addition to completing the tasks above, the selected marketing contractor will need to accomplish the following:

- From campaign tactics and initiatives performed, perform appropriate consumer facilitation to sponsor partner programs and/or statewide website (i.e., phone, Web, etc.).

- Maintain regular communications with the Sponsors and their contractors to ensure that statewide and program needs are being met and to identify additional marketing, website and public relations opportunities.

- Seek collective sponsor approval before undertaking any significant planning, development or implementation tasks.

- Attend monthly Statewide Working Group meetings as requested by the Sponsors.

- Attend selected conferences as directed by Sponsors.

- Assist sponsors in identifying potential partner organizations and opportunities for coordinated outreach and education activities.

- Provide monthly billing to each Sponsor within 10 days of the close of the month. Each Sponsor will be billed individually, and each bill will detail both joint and any sponsor specific charges as well as applicable reporting. The Sponsors will establish a billing allocation system based on customer counts. Invoices should account for time and materials previously incurred with a collective budget recap each month.

- As directed by the Sponsors, review campaigns and recommend changes for marketing efforts for 2013, 2014 and, if renewed, 2015.

- Meeting/conference call summaries will be issued within 24 hours.

Evaluations Process

Successful proposals should include the following elements:

1. A one-year (12 months for 2013) draft education, outreach and marketing plan and schedule as well as time required for execution of the recommended proposal. This plan shall include the full mix of media types as described above, as well as others that the respondent may suggest, for the different consumer segments - residential, low-income, and the various commercial/industrial segments.
2. Completed bid form detailing estimated costs, by key program tasks, on a time and material basis, indicating hourly rates for personnel, travel, total hours and total cost for completing the project.
3. Description of capabilities and results achieved in marketing and website support (i.e., collateral, advertising, website, public relations, events, etc.) including examples of prior work.
4. Experience marketing energy efficiency programs, if any.
5. A description of the personnel who would be assigned to the project and their specific project responsibilities including:
    i. A project staff organization chart
    ii. Statement of qualifications of the bidding firm and team members
    iii. Statement of qualifications of any proposed sub-contractors and their assigned project personnel. This should include:
        1. Media buying services
        2. Website
        3. Ads
        4. Collateral
        5. Events, if applicable
        6. PR
6. Three references specific to the proposal submitted.
7. Explanation of data security measures employed by the bidder regarding confidential consumer information that may be shared with firm(consumer name and one of the following: social security number or financial account number or utility account number) and confirmation that security measures comply with applicable federal, state laws covering protection of Personal Information of residents of the applicable state. (In Massachusetts the applicable Regulation is 201 CMR 17.00 - STANDARDS FOR THE PROTECTION OF PERSONAL INFORMATION OF RESIDENTS OF THE COMMONWEALTH.
8. Bidders should be able to work collaboratively with multiple sponsors with different territories, however, efforts should be taken to provide a cohesive statewide marketing plan.

Proposals are limited to 15 pages of text describing the bidder's approach and draft plan.

Selection of the successful proposal will be made by the Sponsors based upon the bidder's:

1. Responsiveness to work scope and program needs
2. Proven ability to meet schedules
3. Cost effectiveness
4. Comprehensiveness
5. Relevant experience
6. Oral Presentation, if requested

After review, Sponsors may invite selected bidders to present examples of the firm's work that demonstrate their capabilities as well as to provide more details on their plans and budget for the campaign. This meeting will be scheduled, if needed, following the review of proposals received in response to this RFP. Following the proposal review and any requested presentations, the Sponsors will select a company to provide these services. The successful firm will then be required to develop a detailed scope of work in concert with Sponsors. The detailed scope of work will address the development and the implementation of the education, outreach and marketing plan and will reflect the expected results. This scope of work will be included in the contract with the selected firm.

The Sponsors reserve the right to refuse any proposal or to negotiate the specifics of any submitted proposal.

ATTACHMENT I

Excerpt from 2010 – 2012 Massachusetts Joint Statewide Three-Year Energy Efficiency Plan

G. Special Public Education and Action Activities

1. *Introduction*

In order to achieve the aggressive goals set forth in this Plan, the Program Administrators will undertake a comprehensive energy efficiency public education and awareness outreach campaign. The core goals of the Program Administrators in any public education and promotion campaign include: reaching the maximum level of residential and business customers possible; providing messages that are not overly technical and that clearly describe the benefits of energy efficiency; exploring targeted marketing to unique or specific communities throughout the state (including communities where English is not the primary language); utilizing diverse media (*e.g.*, internet, bill inserts, television, radio, billboards, public transit) to disseminate consistent and clear messages; and ensuring that the various strategies work together to ultimately achieve deeper and broader savings. The Program Administrators are aware that, in addition to their efforts, the Commonwealth seeks to promote energy efficiency and the Program Administrators will look to coordinate activities with applicable governmental initiatives, such as the efforts contemplated under Section 108 of the Green Communities Act, which provides for a collaborative pilot effort by the DOER and the University of Massachusetts at Boston to establish an educational outreach program, that includes programs to be provided at community colleges and community centers. The Program Administrators will look to the DOER for further guidance with respect to this pilot effort. The Program Administrators will also continue to work with local schools, including technical vocational high schools and community colleges, to support comprehensive standards-based education in order to promote a more energy-conscious and educated society. These efforts are discussed in more detail below.

2. *Updated Statewide Education and Outreach Efforts*

During the summer of 2009, the Program Administrators commenced collaborative efforts with the DOER to address public education and participation-oriented efforts in more detail, with a particular focus on statewide efforts. The overall purpose of energy efficiency education, community outreach, and marketing efforts will be to increase residential and business customer awareness and encourage customers' subsequent participation in energy efficiency programs, while fostering behavioral changes that lead to energy savings, the reduction of greenhouse gas emissions, and increased customer savings. A successful and effective statewide education and marketing plan is fundamental for the Statewide three-year Plan, and will play an important role in achieving the goal of transforming markets for energy efficiency. In addition to the current program level education and marketing efforts, the Program Administrators will undertake the development of a comprehensive statewide energy efficiency campaign in order to achieve the savings goals proposed in this updated Plan. The Program Administrators will develop strategies to deliver this campaign to targeted

customer profiles. While much of the educational focus has been on residential markets, the Program Administrators will also consider specific strategies targeting the business sector. Ultimately, the educational and marketing effort should move residential and business customers through a process of awareness, attitude change, and finally action.
In order to realize their public education, community outreach, and marketing potential, the Program Administrators have identified the following goals:

- Prioritizing public education.

- Providing information that clearly outlines the benefits of energy efficiency and a path to a Zero Net Energy future.

- Broadening awareness of available resources and actions to all potential audiences, including residential and business customers.

- Identifying and understanding the barriers to action, and developing potential motivators to bridge the gap between awareness and action.

- Communicating with the general public and with targeted audiences in the most effective ways possible to reach those audiences.

- Maximizing the number of individuals, organizations, and businesses that take action to reduce their energy consumption.

- Educating customers on the benefits of, and ways to achieve, deeper savings through deep energy retrofits.

- Educating service providers and equipment suppliers on the benefits of, and ways to deliver energy efficient products and services to achieve savings across their broader customer base.

- Encouraging behavioral change to conserve energy, save money, and reduce greenhouse gas emissions.

The Program Administrators will expand and develop outreach strategies while creating seamless customer experiences that offer integrated portfolios of energy efficiency information and program options that are clear, relevant to the customer, and available to all Massachusetts residents, businesses, and other organizations. Some of the expanded statewide energy efficiency efforts currently underway that will assist in implementing this education and marketing plan include the following:

i. Education & Training
The Program Administrators continue to participate in existing and burgeoning efforts to create a standardized energy curriculum where one does not already exist. Some Program Administrators currently offer curriculum and educational information and guidance to schools; these efforts will be expanded to Program Administrators through collaboration with

the DOER, Massachusetts Department of Education, the University of Massachusetts, and with local community colleges to create and disseminate additional educational curriculum. The Program Administrators are considering developing a standard introduction to energy and energy efficiency that will be common to all education and training efforts. Further, the Program Administrators will continue to support ongoing efforts to reach targeted audiences (*e.g.*, teachers, schools, contractors, architects, realtors, building inspectors).

The Program Administrators have learned over the years that trade ally relationships, events, and training sessions prove to be a critical and effective means of promoting energy efficiency. Thus, the Program Administrators will expand the promotion of programs through various PA-sponsored training events, trade shows, and trade ally events in conjunction with large-scale, statewide GasNetworks training seminars, which to date have proven very successful. For example, over 360 HVAC professionals attended the September 24, 2009 conference in Randolph, which featured a myriad of expert trainers and speakers who explored subjects such as high efficiency natural gas heating equipment and installation practices, hydronic heating, on demand water heating, and condensing and modulating boilers, and which also included 25 equipment manufacturers and suppliers who displayed new products and technology, and a trade show. To date, GasNetworks has provided expert training to over 7,300 HVAC contractors. The Program Administrators recently established an education and training center in Fitchburg. In this "hands-on" classroom environment, contractors experienced in energy efficiency installations are trained in the proper techniques of air sealing and insulation installation in order to ensure consistency across service providers. The Program Administrators have plans to open a second center in Springfield. In addition, the MassSAVE team is currently creating a comprehensive education package designed as a tool to inform all residents about how to contemplate energy savings in their homes over the long-term, and to direct them on a path of energy efficiency that could lead to Zero Net Energy.

Moreover, the Program Administrators are joining with the Massachusetts Energy Efficiency Partnership ("MAEEP") to present US DOE-sponsored energy efficiency workshops on various technologies. The Program Administrators have also joined with the Northeast Energy Efficiency Council ("NEEC") Building Operator Certification ("BOC") regional training program that focuses on how O&M procedures and processes impact energy costs. The Program Administrators also offer Advanced Building™ ("AB") seminars as a suite of technical and training resources to improve the way buildings are designed, built and used. Using whole building patterns, design process tools, and education, this AB effort provides designers with the resources to incorporate integrated design strategies on their next project to reduce energy usage and improve indoor environmental quality. In addition, the Program Administrators will work with the Massachusetts Clean Energy Center ("CEC"), a quasi-public agency that serves as a clearinghouse and support center for the clean energy sector and focuses in part on workforce development and training.

ii. Energy Efficiency "Brands"

Building upon successful regional and statewide energy efficiency brands, the Program Administrators are currently working towards developing a complementary, statewide energy efficiency brand (or brands) with the expectation that once adopted, it will have created a

clear, consistent, and recognizable message about the individual and social value of energy efficiency. This "branding" will serve as the foundation for all residential and business customer information on energy efficiency products and incentive programs, and will encourage customers to strive for deeper savings. In addition, as the electric and gas programs become more integrated and "fuel blind," joint branding will allow the Program Administrators to further pool resources and create targeted educational and marketing collateral materials that will provide residential and business customers with an increased understanding of the full array of energy efficiency options available in Massachusetts.

iii. Mass Media

Newspaper articles, radio, and television news reports highlighting energy efficiency programs have consistently increased activity in the relevant spotlighted program. Consequently, the Program Administrators have utilized limited mass media advertising to educate and promote their energy efficiency program offerings. As the branding efforts described above are finalized, a larger scale, more frequent, mass media advertising plan will be implemented to create the desired effect of increased and broader customer awareness for available programs, while striving to encourage deeper customer savings. Moreover, the ability to promote a common, integrated website to a mass market will allow for further economies of scale and, in turn, more frequent, cost-effective mass media advertising in order to increase customer awareness.

iv. Community Based Outreach/Social Education and Marketing

The Program Administrators see an important opportunity to expand and develop relationships with community organizations that have existing influential relationships within cities, towns, regions, and demographic and special interest groups. Some of these organizations have already promoted efficiency to their members, while others have strong networks but have not yet focused on energy issues. The Program Administrators will seek to develop enhanced strategies to reach out to non-English speaking customers, low-income customers, and groups that have historically low participation, and explore increased efforts with representative community organizations. The potential to leverage community-based organizations to educate and promote energy efficiency actions is significant and will be developed in the "community mobilization initiatives" being launched as pilot programs. The Program Administrators can learn from, and build upon, successful programs such as the Marshfield Energy Challenge (NSTAR), the MAPS Pilot which included outreach to the Portuguese-speaking community (NSTAR), and Energy Smack Down (National Grid/NSTAR), and will take note of positive developments experienced with the Western Mass Saves (WMECO) launch in August. The lessons learned from these community outreach programs will be the catalyst to the creation of future similar educational outreach efforts throughout the Commonwealth.

The Program Administrators will also explore a new pilot collaboration with community-based organizations that have long-standing relationships with homeowners, tenants and small businesses in economically marginalized communities, to assess the feasibility of a "community mobilization outreach model" that implements a neighborhood approach to energy efficiency service. This model has the potential to offer effective and appropriate

energy education to underserved communities, including limited English speakers and economically marginalized groups.
The Program Administrators will also explore how "word of mouth" contact can be tapped to heighten motivation towards energy efficiency action. The Program Administrators will explore offering "incentives" for referrals that lead to other customers participating in energy efficiency programs.

v. Internet—"Integrated Website"
The Program Administrators are engaged in developing a single point of entry for all residential and business audiences through a new integrated website. The Internet offers a powerful, cost-effective platform to provide energy efficiency information, promote programs, and inspire action. The integrated website will provide a point of access to a multitude of residential and commercial energy efficiency programs in a user-friendly environment. The statewide "brands" will be prominently featured throughout the website. The increase in program participation levels over time indicates that the traditional education, outreach, and marketing efforts (such as direct mail, ethnic outreach, radio and print media, bill inserts, trade ally relationships, and training events, sponsorships, educational seminars, and program brochures) have been successful to a significant degree. In order to create even broader energy efficiency public awareness, however, and establish even deeper participation in the programs offered, additional methods of market defining techniques and barrier identification should be implemented, and the Program Administrators believe that an integrated website provides a distinct opportunity to reach a broader audience, increase energy efficiency awareness, and encourage deeper savings.

vi. Behavioral Research
Program Administrators understand that identifying the motivational factors that cause residential and business customers to take action and participate in programs is important in developing energy efficiency programs capable of achieving long-term sustainable success. Equally important is the ability to identify those barriers that could potentially block a motivated customer from participating in energy efficiency programs. The Program Administrators will research successful motivational actions that have worked in other states, determining which motivational strategies have succeeded, and which might be best suited for application with the Plan. Additionally, the Program Administrators will sponsor primary market research in Massachusetts in order to answer critical questions regarding behavior related to energy efficiency. The Program Administrators will solicit input, through the Council and its Consultants, on existing barriers involving non-English speaking groups and members of communities in the state which have historically low rates of participation in energy efficiency programs. The Program Administrators will then incorporate the successful methods determined by the research in Massachusetts and other states into their education, outreach, and marketing programs.

One successful organization upon whose work the Program Administrators would like to build is Positive Energy, a corporation that is committed to persuading customers to save energy through a combination of technology, analytic direct marketing, and behavioral science. Several Program Administrators have engaged the services of Positive Energy to "rate" customers' energy usage in comparison to their neighbors. This "normative

information" approach has been successful in California and will be considered for implementation in Massachusetts. In addition, focus groups, such as the recent series of meetings organized as part of the MassSAVE RCS effort, will be expanded to include all market segments, including residential, C&I, and low-income, to garner as much customer information as possible to further identify barriers to participation and to assist the Program Administrators in formulating outreach efforts.

vii. Segmentation Research

Recently, through the use of the Warren Group Report, the Program Administrators have initiated an effort to better understand the demographics in each service territory. The Warren Group Report identifies the population of single homes, multi-family properties, and low-income residences that exist in each of the service areas. Other internal and external resources to identify the characteristics and demographics of customer populations—such as information that can be provided by local community groups—will be examined to assist in further identifying consumption, motivations, and barriers to positive action. Such reports and information will be used to identify specific customer profiles and will facilitate targeted outreach to these groups.

viii. Message Development

In creating energy efficiency messages, both high level and targeted, the ultimate goal is to have customers understand the many benefits of energy efficiency and then take action. Further, to engage customers who have already implemented energy efficiency measures, the message will include and highlight the additional benefits and importance of going "deeper" by implementing additional energy efficiency measures, such as deep retrofits. Traditional messages focusing on self interest ("*save money*"), the environment ("*help the planet*"), and social responsibility ("*do your part*") used in previous education and marketing campaigns have been effective to an important degree, but new messages need to be developed to help foster broader and deeper participation. In addition to the overall message, the Program Administrators will also develop messaging at the program level and at the sector level, in order to engage varied customers and other important market actors (contractors, equipment suppliers, opinion leaders) with differing motivations. The Program Administrators plan to conduct qualitative and quantitative research to identify what customers believe to be conservation and energy efficiency behaviors, and to determine what motivates customers to practice more energy efficient behavior. This research will lead to the creation of a "call to action" for the residents and businesses of Massachusetts.

ix. Maintenance of Complementary Individual Efforts

While working diligently on the statewide public education efforts, the Program Administrators will also continue to maintain customer awareness, satisfaction, and participation goals. As the Program Administrators have noted in Section II.A.7.iii, consistency is a high priority and the Program Administrators will also continue outreach efforts utilizing customer representatives and company-specific efforts that complement and are consistent with statewide efforts.

x. Next Steps and Conclusion

The Program Administrators will be optimizing the budget for the statewide education action plan, and will continue to collaborate with the DOER, the Council, and its Consultants, and other interested parties as the budget is developed. The Program Administrators will explore how the rules governing cost-effectiveness could present challenges to this effort, despite the importance of the education and outreach campaign to the saving goals in the Plan, and are confident that these issues can be resolved and that overall program cost-effectiveness, even including increased public education and marketing costs, will remain robust. Additionally, the Program Administrators will be developing and issuing RFPs for partners in some or all of the following areas: market research; segmentation research; message development; community-based education; and integrated education/behavior change campaigns. As noted in the following "Evaluation and Monitoring Section," applicable RFPs (e.g. behavioral research) will be addressed under the Special Cross-Sector Studies area.

By way of example, the Program Administrators are reviewing including outreach efforts in the "hard to measure" category. *See* D.P.U. 08-50-A, at 24-31; *see also* G.L.c.25, §21(b)(2)(iv)(I). The DOER has noted in its memorandum titled Guidance on the Impact of 08-50 on Public Education Efforts for Energy Efficiency, dated June 30, 2009, that there is clear regulatory support to develop and implement public education programs on energy efficiency. The DOER specifically stated that market research to assess, *inter alia*, customer attitudes is allowed and strongly encouraged within the scope of education efforts.

The ultimate goal of these educational, community outreach, and marketing efforts is to develop a broad system of communication with Massachusetts citizens and businesses and deliver comprehensive energy efficiency programs. Through an array of effective messages and valuable information resources, the Program Administrators will engage with a large portion of the population to assist in delivering value to residential and business customers and achieving the aggressive energy efficiency goals set forth in this Plan.

Agreement No.: SA-_____

SERVICES AGREEMENT

This SERVICES AGREEMENT ("Agreement") is made this _____ day of _____, 2011 ("Effective Date") between **NEW ENGLAND GAS COMPANY, a division of Southern Union Company** ("Company") and _____ ("Contractor").

WITNESSETH:

In consideration of the agreements herein, the parties hereby contract as follows:

1. **SCOPE OF SERVICES/SCHEDULE.** Contractor agrees to perform, in accordance with the terms of this Agreement, the services described in Attachment 1, Section A hereto ("Services"). Contractor shall perform the Services in accordance with the schedule set forth in Attachment 1, Section B hereto.

2. **PAYMENT.** Company shall pay Contractor as provided in Attachment 1, Section C hereto. Payment terms are within 30 days of receipt of invoice.

3. **TERM.** The term of this Agreement shall commence on _____ and expire on _____**.** This Agreement shall automatically renew at the end of the primary term for subsequent month-to-month terms, unless and until either party provides written notice of termination.

4. **PERFORMANCE STANDARDS.** Contractor agrees to perform the Services and its obligations with a level of accuracy, quality, completeness, timeliness and responsiveness that meets the level of performance expected of professional service companies providing services similar to the Services, using prompt and diligent efforts in a professional and workmanlike manner and using qualified individuals. Contractor will perform its Services under this Agreement in a manner that does not infringe, or constitute an infringement or misappropriation of, any patent, copyright, trademark, trade secret or other proprietary rights of any third party.

   THE WARRANTIES SET FORTH IN THIS SECTION ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

5. **INDEPENDENT CONTRACTOR.** This Agreement calls for the performance of the Services by Contractor as an independent contractor. Contractor shall determine the manner and method in which the Services shall be performed, conduct the Services in the name of Contractor, and inform all persons employed that they are employed by Contractor and not by Company. Nothing herein shall be deemed to constitute Contractor and Company as partners, joint venturers, or principal and agent. Neither the Company nor the Contractor has any authority to represent the other party as to any matters, except as expressly authorized in this Agreement.

6. **INSURANCE.** Contractor shall obtain and maintain all insurance required herein, and at the time this Agreement is executed, furnish certificates of insurance to Company evidencing: (a) General Liability Insurance including contractual liability with limits not less than $1,000,000 per occurrence; (b) Automobile Liability Insurance covering owned, non-owned or hired vehicles with limits not less than $1,000,000 per occurrence; and (c) Workers' Compensation and Employer's Liability Insurance including, without limitation, statutory and occupational disease coverage required under applicable law. Employer Liability limits shall be not less than $1,000,000. All insurance policies shall: (i) provide thirty (30) days' prior written notice of cancellation or nonrenewal; (ii) be underwritten by insurers which are rated "A-6" or higher by the most current edition of A.M. Best Rating Guide; (iii) include Company as an additional insured, excluding, however, Workers' Compensation; (iv) be endorsed to waive its rights of subrogation against Company; and (v) provide that such insurance policies are primary and without right of contribution from any other insurance available to Company. Contractor shall comply with all applicable state laws with reference to Workers' Compensation, and agrees to

indemnify and hold harmless Company from and against any and all loss, liability, damages, claims, demands, costs and expenses of whatsoever nature, arising from the performance of the Services hereunder and due to the existence of said laws or resulting from any claim or subrogation in such laws or otherwise.

7. **INDEMNITY. TO THE FULLEST EXTENT PERMITTED BY LAW, CONTRACTOR AGREES TO INDEMNIFY, DEFEND, RELEASE, AND HOLD HARMLESS COMPANY, ITS PARENT AND AFFILIATES AND THEIR RESPECTIVE DIRECTORS, OFFICERS, AGENTS, AND EMPLOYEES (COLLECTIVELY "INDEMNITEES"), FROM AND AGAINST ANY AND ALL CLAIMS, DEMANDS, LOSSES, DAMAGES, CAUSES OF ACTION, SUITS AND LIABILITIES OF EVERY KIND, INCLUDING ALL EXPENSES OF LITIGATION, COURT COSTS, AND ATTORNEY'S FEES, FOR INJURY TO OR DEATH OF ANY PERSON, OR FOR LOSS OR DAMAGE TO ANY PROPERTY, ANY CIVIL OR CRIMINAL FINES OR PENALTIES, DISCOVERED OR UNDISCOVERED, DIRECTLY OR INDIRECTLY ARISING OR ALLEGED TO ARISE OUT OF OR IN ANY WAY INCIDENTAL TO THE PERFORMANCE OF THIS AGREEMENT OR ANY SERVICES PERFORMED HEREUNDER (COLLECTIVELY "LIABILITIES"), EXCEPT TO THE EXTENT SUCH LIABILITIES ARE CAUSED BY THE SOLE NEGLIGENCE OR WILLFUL MISCONDUCT OF ANY INDEMNITEE.**

   Except for liability for death, bodily injury, damage to tangible or real property or intellectual property infringement caused by the negligence or willful misconduct of Contractor, the aggregate liability of Contractor under this Agreement shall not exceed the greater of the amount payable hereunder or the amount recovered under any applicable insurance coverage. In no event shall either party be liable for any indirect, incidental, special or consequential damages whatsoever (including but not limited to lost profits or interruption of business) arising out of or related to this Agreement, even if advised of the possibility of such damages.

8. **SAFETY; LICENSES AND PERMITS; COMPLIANCE WITH APPLICABLE LAWS.** Contractor agrees to take all necessary and sufficient precautions and safeguards against the occurrence of any injuries or damages to persons and property. Contractor shall possess any and all permits or licenses required to perform the Services required under this Agreement. Contractor shall comply with any and all federal, state or local statutes, regulations, ordinances, or codes applicable to the Services to be performed under this Agreement and any other requirements of any authority having jurisdiction over such Services. Contractor shall indemnify and hold Company harmless against any loss, damage, liability and expense arising out of Contractor's failure to comply with the foregoing requirements. Contractor and Company both warrant that they are Equal Employment Opportunity employers and that if this Agreement is placed as a contract or subcontract under a United States Government prime contract, those clauses required by federal law to be included are herein incorporated by reference. Contractor agrees to comply with all federal, state and local laws respecting discrimination in employment and non-segregation of facilities including, but not limited to, requirements set out at 41 C.F.R. §§ 60-1.4, 60-250.5 and 60-741.5, which equal opportunity clauses are hereby incorporated by reference. Notification is hereby given that compliance with these clauses may require Contractor to annually file certain reports (e.g. the EEO-1 Report and VETS-100 Report) with the federal government and may require Contractor to develop written Affirmative Action Programs for women and minorities, covered veterans and/or persons with disabilities.

9. **WORK PRODUCT**. All work product resulting from this Agreement, including but not limited to, data, technical and/or business information, specifications, drawings, records, computer programs, documentation, written reports or materials, product information, pricing, cost structure, product development, tooling, business strategies, competitive analysis, and any and all other tangible information or works and all intellectual property first originated or prepared by Contractor in the course of providing the Services, shall become and remain the sole property of Company, and Contractor hereby assigns all of its right title and interest in same to Company.

   In addition to the items specified in the paragraph above, Contractor may also provide Contractor Property. The term "Contractor Property" shall mean all pre-existing material, including, but not limited to, any products, software, materials and methodologies proprietary to Contractor or provided

by Contractor or its suppliers and any trade secrets, know-how, methodologies and processes related to Contractor's products, software or services, all of which shall remain the sole and exclusive property of Contractor or its suppliers. Subject to payment in full and to the terms of this Agreement, Contractor grants to Company a non-exclusive, non-transferable, irrevocable license to use the Contractor Property contained in the deliverables provided hereunder for the purposes of this Agreement.

10. TERMINATION.

A. Termination for Cause. If (i) Contractor shall fail to perform its obligations in accordance with the terms and conditions of this Agreement and such failure is not cured (if capable of being cured in the reasonable judgment of Company) within fifteen (15) days after Contractor's receipt of Company's notice of termination, or (ii) Contractor makes a general assignment for the benefit of creditors, or (iii) a receiver be appointed for its business, then Company, without prejudice to any other right or remedy, may terminate this Agreement and take possession of the premises, work, materials, tools, equipment and machinery and finish the Services as it may deem advisable. In such case, all payments due to Contractor for Services performed under this Agreement shall be suspended until all the Services specified in this Agreement are completed. If the expenses, including compensation for managerial and administrative services for completing the Services, shall exceed the unpaid balance of the Agreement sum, Contractor shall pay the difference to Company. If the unpaid balance of the sum due to Contractor shall exceed such expenses, then such excess shall be paid to Contractor.

B. Termination for Company's Convenience. Company shall have the right to terminate this Agreement for its own convenience, for any reason or for no reason, upon thirty (30) days written notice to Contractor. If Company terminates for its own convenience under this subsection, Company shall thereafter promptly pay Contractor for any Services completed to the effective date of termination, and Company shall bear the entire cost of completing the remainder of the Services as it deems appropriate. Nothing in this subsection shall be deemed to relieve either party of any of its contractual obligations relating to the Services performed by Contractor during the effective term of this Agreement.

11. MISCELLANEOUS.

A. Assignment and Subcontracting. Neither this Agreement, nor Contractor's obligations under this Agreement, may be assigned or subcontracted by Contractor unless agreed to by Company in advance in writing.

B. Governing Law and Venue. This Agreement will be governed by the laws of the State of Massachusetts, without regard to its conflict of law principles. The state and federal courts situated in Bristol County, Massachusetts shall have jurisdiction over and shall constitute proper and exclusive venue for all disputes arising under this Agreement.

C. No Waiver. The failure of either Contractor or Company to enforce at any time, or from time to time, any provision of this Agreement shall not be construed as a waiver.

D. Severability. If any term or provision of this Agreement shall be held void, illegal, unenforceable or in conflict with any law of a federal, state or local government having jurisdiction over this Agreement, the validity of the remaining portions or provisions of this Agreement shall not be affected.

E. Third Party Beneficiaries. Contractor acknowledges and agrees that (i) any affiliate of Company may engage services under this Agreement; (ii) in the event any affiliate of Company receiving the benefits of the services, such affiliate is a known third-party beneficiary of the services with respect to Contractor's obligations required by this Agreement; and (iii) the indemnification provisions in this Agreement shall inure to the benefit of such affiliate.

F. Sole Agreement. This Agreement constitutes the sole agreement and understanding between Company and Contractor regarding the subject matter or any related matters. Accordingly, this Agreement supersedes any and all other agreements or understandings, written or oral, between the parties. This Agreement may be amended or modified only by an instrument in writing signed by Contractor and a duly authorized officer of Company.

G. Force Majeure. Neither party is liable for any delay in performance or non-performance caused by acts of God, war, civil disturbance, government action, labor dispute, computer virus, pandemic illness, inadequate access to site or data, or anything else beyond such party's reasonable control.

H. Notices. Unless otherwise expressly provided herein, all notices, consents, requests, invoices, statements and other communications provided for or permitted to be given under this Agreement must be in writing. Notices shall be sent to the parties by United States mail, registered or certified mail, return receipt requested, postage prepaid, hand delivery, or next business day courier service and addressed as set forth below, and shall be deemed given when delivered in hand, or three (3) days after the day of mailing. Notice may also be sent by facsimile at the facsimile numbers set forth below and shall be deemed received simultaneously with the transmission thereof if delivery of such facsimile is confirmed. Either Contractor or Company may change its address, telephone and facsimile telephone numbers, or designation of contact persons by providing written notice to the other party in accordance with this Notices section.

TO COMPANY:	TO CONTRACTOR:
New England Gas Company	
45 North Main Street – Suite 1	
Fall River, MA 02720	
Attn.: Trish Walker	Attn:
Telephone: 774-488-3635	Telephone:
Fax: 508-679-4355	Fax:

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed the day and year first above written.

NEW ENGLAND GAS COMPANY,
a division of Southern Union Company

By: _____	By: _____
Name: _____	Name: _____
Title: _____	Title: _____

ATTACHMENT 1

SECTION A: SCOPE OF SERVICES
Contractor shall provide all labor, tools, equipment, transportation, supervision, and materials necessary to perform the following scope of services. All Services performed under this Agreement shall be in compliance with all federal, state and local statutes, regulations and ordinances applicable to such services.

SEE ATTACHED EXHIBIT A

SECTION B: SCHEDULE OF PERFORMANCE
Contractor shall commence the Services by _____and complete the Services on or before _____.

SEE ATTACHED EXHIBIT A

SECTION C: COMPENSATION
In consideration for Contractor's strict adherence to the terms and Conditions of this Agreement and subject to Contractor's performance of the Services set forth above to the satisfaction of Company's authorized representative, Company agrees to pay Contractor an amount computed in accordance with this Attachment.

SEE ATTACHED EXHIBIT A

APPENDIX F: Lost Base Revenue Information

This section does not apply to the Company, as the Company has decoupled. See New England Gas Company, D.P.U. 10-114.