

2019-2021 ENERGY EFFICIENCY PLAN TERM SHEET

CORE 2019-2021 PRINCIPLES

- **Energy efficiency is a cornerstone of the Commonwealth’s long term energy policy.** The 2019-2021 Plan (“Plan”) reflects this key role and builds upon the high level of success of the Mass Save® program and pivots to more fully embrace demand savings and fuel switching to clean energy resources consistent with the Green Communities Act, G.L. c. 25, §21, as most recently updated by “An Act to Advance Clean Energy” enacted on August 9th, 2018. The net savings included in this term sheet take into account improvements to standard practice that have been driven by the PAs’ past energy efficiency programs, evolving codes and standards, and recent Evaluation, Measurement, and Verification (“EM&V”) results.
- This effort will yield an estimated \$8.561 billion in benefits to customers, and **GHG reductions** of 2,759,500 million short tons of CO₂e.
- The Plan will embrace a broader energy system view by providing new tools to help all customers reduce system costs by **reducing energy and lowering demand at peak periods**. The Plan has a focus on peak demand reductions in both summer and winter that can help minimize total system costs and the use of inefficient and constrained generation sources.
- The Plan will target savings to support the Commonwealth’s **winter reliability** efforts and drive down winter electric demand by 500 MW. The PAs will introduce new active demand offerings targeting winter demand.
- The Plan introduces an overarching “**Energy Optimization**” philosophy across all sectors, which includes providing customers with fuel neutral educational materials and assistance on all options for heating and cooling. This philosophy means that the Plan will provide a more holistic and integrated approach to helping customers address their energy use and associated costs based on their individual needs and goals, while aligning with the broader state clean energy policy and greenhouse gas emissions goals for 2020 and beyond. In some instances, for example, this may mean helping customers utilize energy more efficiently and reduce greenhouse gas emissions by increasing electric usage through the adoption of state-of-the-art **air source heat pumps**.
- The PAs will offer enhanced strategies and community outreach efforts to increase participation and savings from **renters, moderate income customers, and non-English speaking customers**.

2019-2021 GOALS SUMMARY

Statewide Summary

	2019-2021
Net Lifetime MMBTUs	261,931,735
CO2e Reductions	2,759,578
Benefits (\$M)	\$ 8,560.8
Budget (\$M)	\$ 2,794.5

Statewide Electric Summary

	2019-2021
Net Annual MWh (No FS)	3,461,294
Net Lifetime MWh (No FS)	35,672,978
Net Annual Site MMBTUs (EE other than CHP)	10,892,732
Net Annual Source MMBTUs from CHP	1,107,268
Total Adjusted Annual MMBTU	12,000,000
Net Lifetime Site MMBTUs (EE other than CHP)	120,396,475
Net Lifetime Source MMBTUs from CHP	22,071,692
Total Adjusted Lifetime MMBTU	142,468,167
Summer MW (including Active)	665
Winter MW (including Active)	500
CO2e Reductions	2,137,288
Benefits (\$M)	\$ 6,560.8
Budget (\$M)	\$ 1,995.0
Performance Incentive (\$M)	\$ 114.0

Statewide Gas Summary

	2019-2021
Net Annual Therm	95,886,212
Net Lifetime Therm	1,192,251,177
Net Lifetime MMBTUs	119,463,568
CO2e Reductions (Tons)	622,290
Benefits (\$M)	\$ 2,000.0
Budget (\$M)	\$ 799.5
Performance Incentive (\$M) (Design Level)	\$ 23.0

CORE TERMS

The Program Administrators, the Department of Energy Resources, and the Office of the Attorney General (together, the “Parties”), each will support 2019-2021 energy efficiency statewide savings goals of 2.70% of retail sales for electric Program Administrators (“PAs”) and 1.25% of retail sales for gas PAs, along with MW savings, MMBtu savings, budgets, benefits (inclusive of avoided costs of GWSA compliance), and performance incentives as set forth in Attachment A.¹

The summary information in Attachment A is provided at a three-year, rolled up level. The Program Administrators will provide updated sets of PA-specific and statewide rolled-up energy efficiency data tables and benefit-cost models in the final 2019-2021 Plan that are consistent with, and derived from, this Term Sheet.

This Term Sheet outlines three-year savings, budget, and other terms that have been negotiated, with supporting details to be provided in the Plan.² This framework is designed with an expectation of a detailed review of the full Three-Year Plan, but all Parties support each of the overall terms set forth herein.

SAVINGS/BUDGETS/BENEFITS

Electric PA Savings Goals³:

- 2.7% of sales statewide for electric PAs (2019-2021 average)
- Net annual MWh of 3,461,000, and net lifetime MWh of 35,600,000 (excluding fuel switching and active demand)
- Lifetime MMBtu savings (excluding active demand) of 120.4 site MMBtu from energy efficiency other than CHP and 22.1 source MMBtu from CHP, totaling at least 142.5 million adjusted lifetime MMBtu savings (excluding active demand)
- Active demand of 200 MW summer and 50 MW winter⁴
- Total demand of 665 MW summer and 500 MW winter
- See Attachment A for other data points

¹ As a public entity, the Cape Light Compact JPE is not eligible for performance incentives.

² The annual net electric MWh (excluding active demand and fuel switching) divided by the statewide electric sales forecast is 2.7%. The annual net gas therms (excluding fuel switching) divided by the statewide gas sales forecast is 1.25%. As the programs evolve, the Parties believe that percent of sales should eventually be replaced as a core metric.

³ Primary electric goals are expressed in lifetime MWh and adjusted lifetime MMBtus to reflect the full system benefits of the electric Program Administrators’ energy efficiency efforts, inclusive of all fuel savings. Annual MWh values are provided for informational and continuity purposes, and will continue to be reported.

⁴ The PAs will report on active and passive demand savings, and break down savings by demand approaches (including without limitation, residential storage, C&I storage, residential direct load control, and C&I curtailment) bi-annually in the quarterly reports.

Gas PA Savings Goals⁵:

- 1.25% of sales statewide for gas PAs (2019-2021 average).
- Net annual therms of 95,886,000, and net lifetime therms of 1,192,000,000.
- Lifetime MMBtu savings of at least 119.4 million MMBtus.
- See Attachment A for other data points.

Budgets: \$1.995 billion for the three-year term for electric PAs and \$799.5 million for gas PAs. Final budgets will depend on final program measure mixes to be provided in detailed data tables by the PAs.

Benefits: \$6.561 billion or more for electric PAs and \$2 billion or more for gas PAs. Final benefits will depend on final program measure mixes.

PERFORMANCE INCENTIVES

The Parties have agreed to a statewide performance incentive mechanism that includes portfolio savings and value components, with an additional specific active demand savings component designed to encourage the PAs to pursue active demand benefits. The mechanism also includes a unique renter component designed to provide additional incentives for service of renters. The amounts allocated to each of the components are set forth in the tables below.

Electric Performance Incentive Totals		
Value Component (Energy Efficiency, Passive Demand, and Active Demand)	\$41.195 million	\$107 million (38.5% Value and 61.5% Savings)
Savings Component (Energy Efficiency and Passive Demand)	\$65.805 million	
Savings Component (Active Demand)	\$5 million	
Renter Component	\$2 million	
Total	\$114 million	

- The base electric performance incentive mechanism will include a value component (net benefits) and a savings component (total benefits).
 - The value component pool is 38.5% of the \$107 million pool (or \$41.195 million).
 - The value component payout rate will be PI \$ per planned portfolio net benefits.
 - The threshold for earning performance incentives for the value component will be based on achieving 75% of planned portfolio net benefits.

⁵ Primary gas goals are expressed in lifetime MMBtus and therms. Annual therm values are provided for informational and continuity purposes, and will continue to be reported. Oil savings from any oil-to-gas heating conversions are not included in MMBtu and benefits calculations.

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- Performance incentives for the value component will be capped at 125% of design level.
- o The savings component is divided into two performance pools: (1) 61.5% of the \$107 million pool (or \$65.805 million) that is allocated to energy efficiency and passive demand and (2) the \$5 million pool for active demand reduction.
 - The energy efficiency and passive demand savings component payout rate will be established based on PI \$ per planned total benefits from energy efficiency and passive demand.
 - The threshold for earning performance incentives for the energy efficiency and passive demand savings component will be based on achieving 75% of planned portfolio benefits.
 - Performance incentives for energy efficiency and passive demand reduction efforts will be capped at 125% of design level for energy efficiency and passive demand reduction.
 - The active demand savings component will consist of two payout rates. The initial payout rate will be established based on PI \$ per planned total benefits from active demand using the \$5 million pool allocated to the active demand savings component. The PAs will earn at this payout rate for active demand benefits after threshold level, described in the bullet below, is achieved, and up to 125% of planned active demand benefits. Subject to the portfolio cap discussed in the last bullet, for any incremental active demand reduction benefits achieved above the 125% level, performance incentives will be earned at the energy efficiency and passive demand payout rate described above.
 - The threshold for earning performance incentives for the active demand reduction savings component will be based on (1) achieving 75% of planned portfolio benefits, and (2) achieving 75% of planned active demand benefits. Subject to the portfolio cap described in the following bullet, performance incentives for active demand reduction will not be capped.⁶
 - In all events, total performance incentives for the savings component (energy efficiency and passive demand, and active demand) will be capped at 125% of the portfolio design level for the savings components (i.e., \$65.805 + \$5 million).

⁶ The Program Administrators agree to conduct a study to be commenced in Q1 of 2019 to quantify any benefits associated with winter peak capacity reduction. The PAs will issue an RFP and conduct this study in collaboration with the DOER, the Attorney General and the Council consultants. Study results will be aligned with and compatible with the 2018 AESC. If new benefits are identified as a result of this study, the Program Administrators will apply those benefits to reported values. If the Program Administrators and DOER agree, the Program Administrators will seek to include such benefits in performance incentives during the Term and correspondingly revise threshold levels for the savings and value components (including the active demand savings component) to properly account for the newly identified benefits associated with the winter kW already included in the PAs' Plans, all subject to Department approval. The Program Administrators will not include these benefits for performance incentive purposes without such modifications.

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- An additional performance incentive pool of \$2 million for a unique incentive for successfully serving renters, as mutually agreed to by the Parties, will be implemented in 2019-2021.

Gas Performance Incentive Totals		
Value Component	\$8.47 million	\$22 million (38.5% Value and 61.5% Savings)
Savings Component	\$13.53 million	
Renter Component	\$1 million	
Total	\$23 million	

- The base gas performance incentive mechanism will include a value component (net benefits) and savings component (total benefits).
 - The value component pool is \$8.47 million.
 - The value component payout rate will be PI \$ per planned portfolio net benefits.
 - The threshold for earning performance incentives for the value component will be based on achieving 75% of planned portfolio net benefits.
 - Performance incentives for the value component will be capped at 125% of design level.
 - The savings component pool is \$13.53 million.
 - The savings component payout rate will be PI \$ per planned portfolio total benefits.
 - The threshold for earning performance incentives for the savings component will be based on achieving 75% of planned portfolio total benefits.
 - Performance incentives for the value component will be capped at 125% of design level.
- An additional performance incentive pool of \$1 million for a unique incentive for successfully serving renters, as mutually agreed to by the Parties, will be implemented in 2019-2021.

OTHER PA COMMITMENTS

The Program Administrators agree to the following commitments to be included in the 2019-2021 Plan filed with the Department.

- **Demand Savings Efforts.** The Plan will provide new active demand reduction efforts, including a technology agnostic active demand offering that allows market actors to participate in order to encourage innovation. The Plan will provide incentives for energy storage to deliver peak reductions to spur the emerging market and deliver benefits to customers and the Commonwealth. The PAs will report bi-annually in quarterly reports

on active demand reduction participation by approach (including without limitation, storage, residential direct load control, and C&I curtailment), sector and season.

- **Scorecard Integration.** The Program Administrators will implement residential scorecards as part of the in-home audit in coordination with DOER. The budgets and design for this innovative new effort to be undertaken in accordance with the RCS State Plan section 2.B.1. issued by DOER in September 2018 pursuant to the Residential Conservation Services statute (G.L. c. 164, App. §§ 2-1 to 2-10) have not yet been developed, and will be collaboratively worked on by the PAs and DOER. The target date for the roll-out of this scorecard effort is July 2019.
- **Energy Optimization.** The Program Administrators' Energy Optimization approach provides for fuel neutral education and assistance on all options and incentives, including for higher efficiency heating and cooling equipment. Incentives will be offered for strategic electrification that reduces greenhouse gases and minimizes ratepayer costs, and switching to renewable or clean energy technologies, including wood pellet heating where cost-effective. Customers converting to natural gas will be eligible for the same incentives for high efficiency gas equipment as an existing gas customer; the incentive level will not differ depending on a customer's fuel source.
- **Air Source Heat Pumps.** The PAs will target the following number of cold climate air source heat pump installations (total 2019-2021):
 - 37,993 customers (Residential)
 - 6,082 customers (Low Income)
 - 17,980 units (C&I)⁷

The PAs will report bi-annually in the quarterly reports on the number of heat pump installations, including specifying the number of heat pumps related to fuel switching.

- **Integrated Residential Program Design.** During the 2019-2021 Plan term, the Program Administrators will present annually to the EEAC on the status of the roll-out of the residential program design enhancements set forth in the Plan. In September 2019, the Program Administrators will present to the EEAC on new enhancements planned for 2020 and 2021.
- **Special Focus on Renters, Moderate Income, Non-English Speaking, and Small Business Customers.**
 - The Program Administrators will conduct tailored evaluations in 2019 that address participation levels and potential unaddressed barriers for (a) businesses (small, medium and large) and (b) residential customers by income levels and by non-English speaking populations (utilizing proxy methods that do not rely on specific income or demographic information from Mass Save® participants). The Program Administrators will leverage the existing EM&V framework, and present full results of the studies to the EEAC.

⁷ The C&I target does not include air source heat pumps for C&I customers that are fuel switching. The PAs, however, will include these installations in the quarterly reports to the Council.

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- The PAs will continue to work in collaboration with the Low-Income Energy Affordability Network (“LEAN”) to serve low-income customers, and will offer enhanced strategies and community outreach efforts targeting increased participation and savings from **renters, moderate income customers, and non-English speaking customers**. Highlights of new efforts are:
 - The PAs will provide no-cost weatherization for moderate income customers and, to assist renters, 90% incentives for insulation for landlords of all low-rise buildings (three stories and under) who are willing to complete all recommended insulation and air sealing.
 - The PAs will proactively engage with municipalities and communities with historically low participation rates through a partnership model that will provide marketing materials, trainings, and networking check-ins to share program updates and outreach best practices.
 - The PAs will review the customer journey for non-English speakers by July 31, 2019. The PAs will optimize this journey by providing more consistent language services via the Mass Save® phone line and in follow-up communications for those customers who communicated that English is not a primary language. The PAs will also offer additional translated program materials in the most commonly spoken languages across Massachusetts. Enhancements described in the 2019-2021 plan will be implemented by September 2019.
- The PAs will add the following data bi-annually to their quarterly reports:
 - Number of approved applicants within the moderate income initiative
 - Number of approved applicants that result in weatherization jobs
 - Number of participants (excluding upstream and behavior) by zip code broken out by: (a) residential sector initiatives subtracting moderate income offering participants; (b) moderate income offering; and (c) low income initiatives.
 - Small business savings, budgets, and participation across all C&I initiatives.
- The PAs will present annually on the results of Customer Profile Studies, including findings of program participant characteristics from those studies.
- **New Passive House Offering**: The PAs will implement a new Passive House offering in 2019-2021 through both training efforts and new incentive offerings. These offerings will include incentives to mitigate soft costs to help provide financial certainty early in projects, including an early modeling subsidy, design team incentives, design charrette incentives, and a certification subsidy. Additionally, the PAs will provide a performance incentive calculated on a \$/kWh and \$/therm incentive for savings. The PAs are actively working on improving the incentives for infiltration for High Rise buildings to better quantify performance savings. The PAs and DOER are committed to changing the process by which savings are claimed to be a more whole building performance based approach for the

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Passive House offer. The PAs and DOER will work expeditiously with EM&V to pursue this change using Passive House certification modeling tools to quantify savings. The PAs will provide an annual update in the quarterly reports and will have launched the Passive House incentives no later than July 1, 2019.

- **Street Lighting.** The PAs will continue to support all municipalities that would like to explore and convert customer- and utility-owned streetlights. All utilities now have LED streetlight tariffs approved through recent rate cases. During the term, the PAs will contact each municipality within their respective service territories that have not completed conversions of streetlights and educate the municipality about the PAs' LED conversion offerings. The PAs will provide incentives and expertise to assist Municipalities to take the steps necessary to convert customer-owned and utility-owned streetlights. The PAs will report bi-annually in quarterly reports on streetlight conversions.
- **Key Performance Indicators.** The PAs will report in quarterly reports on up to six (6) additional key performance indicators (not including any specified in this term sheet) as mutually agreed upon by the PAs and by the Energy Efficiency Advisory Council and as can be reported without material associated costs.

NOTES

- **Confirmation.** All savings and budget figures are subject to confirmation and quality control checks as the PAs develop detailed tables consistent with this Term Sheet. Final PA-specific savings and budget numbers may be slightly higher or lower than these values, but all within a reasonable, non-material bandwidth that does not reduce the overall statewide savings target or increase overall statewide budget.
- **Aggressive Goals.** The PAs have utilized an integrated, statewide approach to commit to the increased aggressive statewide savings levels set forth in this term sheet at costs that reflect the increased challenges of achieving savings. The individual PA savings levels and costs set forth in Attachment A are appropriate for the 2019-2021 Plan. Savings goals assume consistent treatment for co-generation facility-related savings as in the past. Consistent with other measures, this includes that new projects installed after the end-of-life of an existing project are given full credit for all cost-effective project savings.
- **Effect of Future Legislation or Regulations.** The PAs may be required to offer new approaches in the future based upon new legislation. In the event that material impacts occur from a new or potential municipal aggregator program (including the City of Lowell), new regulations or guidelines, or any other new legislation issued prior to or during the three-year plan term, any affected PA shall have the opportunity to make appropriate adjustments to its costs and savings goals (and related performance incentives) based upon the nature of the impacts, subject to the Council review under G.L. c. 25, § 21(c) and the approval of the Department of Public Utilities.

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Attachment A

2019-2021**Energy Efficiency Plan**

Electric Statewide at 2.70%

Gas at 1.25%

Statewide Totals

	2019-2021
Net Lifetime MMBTUs	261,931,735
CO2e Reductions	2,759,578
Benefits (\$M)	\$ 8,560.8
Budget (\$M)	\$ 2,794.5

Electric

	2019-2021
Net Annual MWh (No FS)	3,461,294
Net Lifetime MWh (No FS)	35,672,978
Net Lifetime Site MMBTUs (EE other than CHP)	120,396,475
Net Lifetime Source MMBTUs from CHP	22,071,692
Total Adjusted MMBTU	142,468,167
Summer MW (including Active)	665
Winter MW (including Active)	500
Total MW CHP	47
CO2e Reductions	2,137,288
Benefits (\$M)	\$ 6,560.8
Budget (\$M)	\$ 1,995.0
Performance Incentive (\$M)	\$ 114.0

Gas

	2019-2021
Net Annual Therm	95,886,212
Net Lifetime Therm	1,192,251,177
Net Lifetime MMBTUs	119,463,568
CO2e Reductions	622,290
Benefits (\$M)	\$ 2,000.0
Budget (\$M)	\$ 799.5
Performance Incentive (\$M)	\$ 23.0

2019-2021

Energy Efficiency Plan

National Grid

Electric at 2.71%

Gas at 1.29%

Statewide Totals

	2019-2021
Net Lifetime MMBTUs	118,541,412
CO2e Reductions	1,377,264
Benefits (\$M)	\$ 3,861.9
Budget (\$M)	\$ 1,341.4

Electric

	2019-2021
Net Annual MWh (No FS)	1,564,141
Net Lifetime MWh (No FS)	14,189,897
Net Lifetime Site MMBTUs (EE other than CHP)	
Net Lifetime Source MMBTUs from CHP	
Total Adjusted MMBTU	58,085,635
Summer MW (including Active)	338
Winter MW (including Active)	273
Total MW CHP	5
CO2e Reductions	1,029,715
Benefits (\$M)	\$ 2,839
Budget (\$M)	\$ 910.0
Performance Incentive (\$M)	

Gas

	2019-2021
Net Annual Therm	51,209,461
Net Lifetime Therm	604,557,775
Net Lifetime MMBTUs	60,455,777
CO2e Reductions	347,549
Benefits (\$M)	\$ 1,022.9
Budget (\$M)	\$ 431.4
Performance Incentive (\$M)	

2019-2021

Energy Efficiency Plan

Eversource

Electric at 2.76%

Gas at 1.34%

Statewide Totals

	2019-2021
Net Lifetime MMBTUs	103,247,000
CO2e Reductions	1,201,458
Benefits (\$M)	\$ 3,694.9
Budget (\$M)	\$ 1,085.6

Electric

	2019-2021
Net Annual MWh (No FS)	1,752,744
Net Lifetime MWh (No FS)	20,366,014
Net Lifetime Site MMBTUs (EE other than CHP)	
Net Lifetime Source MMBTUs from CHP	
Total Adjusted MMBTU	75,194,479
Summer MW (Including Active)	321
Winter MW (Including Active)	234
Total MW CHP (Included in Above)	42
CO2e Reductions	1,053,982
Benefits (\$M)	\$ 3,268
Budget (\$M)	\$ 907.0
Performance Incentive (\$M)	

Gas

	2019-2021
Net Annual Therm	21,886,851
Net Lifetime Therm	278,775,253
Net Lifetime MMBTUs	28,052,521
CO2e Reductions	147,476
Benefits (\$M)	\$ 426.9
Budget (\$M)	\$ 178.6
Performance Incentive (\$M)	

2019-2021

Energy Efficiency Plan

CMA

Gas at 1.28%

Statewide Totals

	2019-2021
Net Lifetime MMBTUs	28,809,779
CO2e Reductions	102,634
Benefits (\$M)	\$ 474.6
Budget (\$M)	\$ 155.3

Electric

	2019-2021
Net Annual MWh (No FS)	
Net Lifetime MWh (No FS)	
Net Lifetime Site MMBTUs (EE other than CHP)	
Net Lifetime Source MMBTUs from CHP	
Total Adjusted MMBTU	
Summer MW (Including Active)	
Winter MW	
Total MW CHP	
CO2e Reductions	
Benefits (\$M)	
Budget (\$M)	
Performance Incentive (\$M)	

Gas

	2019-2021
Net Annual Therm	20,064,501
Net Lifetime Therm	285,130,333
Net Lifetime MMBTUs	28,809,779
CO2e Reductions	102,634
Benefits (\$M)	\$ 474.6
Budget (\$M)	\$ 155.3
Performance Incentive (\$M)	

2019-2021

Energy Efficiency Plan

CLC

Electric at 2.14%

Statewide Totals

	2019-2021
Net Lifetime MMBTUs	8,830,699
CO2e Reductions	93,433
Benefits (\$M)	\$ 430.5
Budget (\$M)	\$ 160.9

Electric

	2019-2021
Net Annual MWh (No FS)	125,000
Net Lifetime MWh (No FS)	1,167,499
Net Lifetime Site MMBTUs (EE other than CHP)	9,476,426
Net Lifetime Source MMBTUs from CHP	-
Total Adjusted MMBTU	8,830,699
Summer MW (Including Active)	29
Winter MW (including Active)	28
Total MW CHP	-
CO2e Reductions	93,433
Benefits (\$M)	\$ 430.5
Budget (\$M)	\$ 160.9
Performance Incentive (\$M)	

Gas

	2019-2021
Net Annual Therm	
Net Lifetime Therm	
Net Lifetime MMBTUs	
CO2e Reductions	
Benefits (\$M)	
Budget (\$M)	
Performance Incentive (\$M)	

2019-2021**Energy Efficiency Plan****Unitil**

Electric at 1.47%

Gas at 0.78%

Statewide Totals

	2019-2021
Net Lifetime MMBTUs	1,860,916
CO2e Reductions	17,214
Benefits (\$M)	\$ 66.8
Budget (\$M)	\$ 24.4

Electric

	2019-2021
Net Annual MWh (No FS)	19,232
Net Lifetime MWh (No FS)	193,027
Net Lifetime Site MMBTUs (EE other than CHP)	992,469
Net Lifetime Source MMBTUs from CHP	
Total Adjusted MMBTU	992,469
Summer MW (Including Active)	0.6
Winter MW	0.3
Total MW CHP	0.4
CO2e Reductions	13,190
Benefits (\$M)	\$ 52.0
Budget (\$M)	\$ 17.1
Performance Incentive (\$M)	

Gas

	2019-2021
Net Annual Therm	600,003
Net Lifetime Therm	8,588,306
Net Lifetime MMBTUs	868,447
CO2e Reductions	4,024
Benefits (\$M)	\$ 14.8
Budget (\$M)	\$ 7.3
Performance Incentive (\$M)	

2019-2021

Energy Efficiency Plan

Liberty

Gas at 0.58%

Statewide Totals

	2019-2021
Net Lifetime MMBTUs	1,679,940
CO2e Reductions	7,068
Benefits (\$M)	\$ 30.6
Budget (\$M)	\$ 14.1

Electric

	2019-2021
Net Annual MWh (No FS)	
Net Lifetime MWh (No FS)	
Net Lifetime Site MMBTUs (EE other than CHP)	
Net Lifetime Source MMBTUs from CHP	
Total Adjusted MMBTU	
Summer MW (Including Active)	
Winter MW	
Total MW CHP	
CO2e Reductions	
Benefits (\$M)	
Budget (\$M)	
Performance Incentive (\$M)	

Gas

	2019-2021
Net Annual Therm	1,173,359
Net Lifetime Therm	16,631,717
Net Lifetime MMBTUs	1,679,940
CO2e Reductions	7,068
Benefits (\$M)	\$ 30.6
Budget (\$M)	\$ 14.1
Performance Incentive (\$M)	

2019-2021

Energy Efficiency Plan

Berkshire

Gas at 0.65%

Statewide Totals

	2019-2021
Net Lifetime MMBTUs	1,795,609
CO2e Reductions	9,899
Benefits (\$M)	\$ 30.6
Budget (\$M)	\$ 12.8

Electric

	2019-2021
Net Annual MWh (No FS)	
Net Lifetime MWh (No FS)	
Net Lifetime Site MMBTUs (EE other than CHP)	
Net Lifetime Source MMBTUs from CHP	
Total Adjusted MMBTU	
Summer MW (Including Active)	
Winter MW	
Total MW CHP	
CO2e Reductions	
Benefits (\$M)	
Budget (\$M)	
Performance Incentive (\$M)	

Gas

	2019-2021
Net Annual Therm	1,508,514
Net Lifetime Therm	17,781,744
Net Lifetime MMBTUs	1,795,609
CO2e Reductions	9,899
Benefits (\$M)	\$ 30.6
Budget (\$M)	\$ 12.8
Performance Incentive (\$M)	