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June 20, 2014

Mark D. Marini, Secretary Commonwealth of Massachusetts Department of Public Utilities One South Station, 5<sup>th</sup> Floor Boston, MA 02110

Re: Fitchburg Gas and Electric Light Company d/b/a Unitil, D.P.U. 14-87 (Electric)

Dear Secretary Marini:

On behalf of Fitchburg Gas and Electric Light Company d/b/a Unitil (the "Company"), enclosed is the Company's 2013 Electric Energy Efficiency Plan-Year Report for filing with the Department of Public Utilities (the "Department"). This report is being submitted pursuant to the Hearing Officer's Memorandum dated May 2, 2014 adopting the Energy Efficiency Plan-Year Report Template in D.P.U. 11-120-A, Phase II.

Plan Year 2013 was the first year of implementation under the 2013-2015 Massachusetts Joint Statewide Three-Year Electric and Gas Energy Efficiency Plan, as reviewed and approved by the Department in D.P.U. 12-100 through D.P.U. 12-111. During 2013, the Massachusetts Energy Efficiency Program Administrators (the "Program Administrators" or "PAs") continued to build on the nationally acclaimed successes of plan years 2010 through 2012. Among the many awards and accomplishments achieved during 2013, the American Council for an Energy-Efficient Economy ("ACEEE") ranked Massachusetts number one in the nation for its energy efficiency efforts for the third year in a row.

Most notably in 2013, the PAs successfully delivered on very ambitious energy savings for the year - attaining historic levels of energy savings while maintaining budgetary control and complying with the directive of the Green Communities Act to seek all available cost-effective energy efficiency opportunities. The 2013 goals were intentionally designed to be very challenging 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 to manage an unprecedented ramp up of their energy efficiency programs to meet goals not just for 2013, but for the full life of the three-year plans and beyond.

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The accomplishments of 2013 were achieved despite anticipated challenges meeting electric and gas savings goals in the C&I sector. In the wake of these challenges, the PAs engaged in numerous and varied efforts to increase C&I savings, including a particular focus on CHP, segmentation, seeking deeper savings and new technologies, hiring additional staff and vendors, improving productivity and developing new delivery methods to reach more customers and to encourage current customers to move forward with greater commitments and investments in energy efficiency.

In the residential sector, 2013 was a strong year for Home Energy Services, with most PAs meeting or exceeding savings goals. Over the course of the year, the PAs were able to incorporate many new program enhancements as well as implement various new initiatives, including LEDs and advanced power strips. The ENERGY STAR lighting initiative also ended the year strong, with all PAs surpassing lighting goals.

The PAs also continued to participate in the Low-Income Best Practices Working Group convened by the Low-Income Energy Affordability Network and implemented standardized, statewide client education materials. The PAs also implemented their strategic marketing plans targeting hard to reach/challenged communities across the Commonwealth.

Also in 2013, the Program Administrators continued the successful implementation of the Evaluation Management Committee ("EMC"). Under the guidance of the EMC, the PAs engaged in numerous studies across a wide span of program sectors in 2013, eleven of which were completed in 2013, underscoring the fact that the evaluation, measurement and verification of these program offerings remains a critical and vital tool for both Program Administrators and interested stakeholders in an ever-changing marketplace. In addition, the EMC, as the result of a productive collaboration among the PAs, the Energy Efficiency Advisory Council ("EEAC") consultants, and the evaluation contractors also completed work on the 2013-2014 Evaluation Strategic Plan.

In addition, the PAs were at the forefront of creating a culture of sustainability through public education and outreach. The PAs participated in a number of events throughout the state including the Worcester Business Journal Energy Summit, the Massachusetts Association of School Committees Annual Conference, Architecture Boston Exposition, and the Massachusetts Green Career Conference.

Simultaneously with the activities and achievements noted above, the Program Administrators also devoted considerable time and resources to regulatory matters in 2013 including responding to discovery and participating in hearings in their 2011 and 2012 Energy Efficiency Annual Report dockets and in the D.P.U. 11-120 proceeding to update the Department's Energy Efficiency Guidelines.

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These accomplishments demonstrate the PAs' continued commitment throughout 2013 to building on the experience of their initial three-year plans and leveraging their good working relationships to better coordinate their efforts and share ideas and best practices. The PAs' management committees have continued to meet regularly to facilitate the process of enhanced integration and coordination between electric and gas programs.

Given the unprecedented nature of these efforts, and the ambitious goals established in the 2013-2015 plans, plan year 2013 performance has been another success for energy efficiency in Massachusetts. During 2013, the Program Administrators achieved unprecedented levels of savings and benefits within budget, and look forward to continuing these efforts and achieving additional successes going forward.

Thank you for your time and attention to this matter.

Very truly yours,

Kevin F. Penders, Esq.

#### Enclosures

cc: Jeffrey Leupold, Department of Public Utilities
Matthew Saunders, Office of the Attorney General
Steven Venezia, Department of Energy Resources
Jerrold Oppenheim, Low-Income Energy Affordability Network
Members of the Energy Efficiency Advisory Council (via e-mail only)

## THE COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF PUBLIC UTILITIES

D.P.U. 14-87

## ON BEHALF OF FITCHBURG GAS AND ELECTRIC LIGHT COMPANY d/b/a UNITIL

#### **APPEARANCE OF COUNSEL**

In the above referenced proceeding, I the undersigned hereby appear for and on behalf of Fitchburg Gas and Electric Light Company d/b/a Unitil.

Respectfully Submitted,

Kevin F. Penders, Esq. Keegan Werlin LLP 265 Franklin Street Boston, MA 02110

TEL: (617) 951-1400 FAX: (617) 951-1400

Dated: June 20, 2014



### Fitchburg Gas and Electric Light Company

# **Electric Annual Energy Efficiency Plan-Year Report for 2013**

Docket No. D.P.U. 14-87

Filed with the Massachusetts Department of Public Utilities and Department of Energy Resources

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#### **Significant Variances Summary**

Date of Filing 6/20/2014
Distribution Company Electric
Program Administrator Unitil

Is a Significant Variance explanation required?	Significant Lifetime Savings Variances: Planned v Preliminary (15% Decrease)	Significant Total Benefits Variances (2013\$): Planned v Preliminary (15% Decrease)	Significant Resource Benefits Variances (2013\$): Preliminary v Evaluated (15% Decrease)	Significant Planned Budget v Actual Expenditures Variances (Nominal\$) (15% Increase or Decrease)
Residential				
1. Residential Whole House				
Residential New Construction & Major Renovation	602%	148%	0%	-34%
Residential Multi-Family Retrofit	-5%	-75%	-14%	-66%
Residential Home Energy Services	142%	159%	6%	66%
Residential Behavior/Feedback Program	0%	0%	0%	0%
2. Residential Products				
Residential Cooling & Heating Equipment	197%	89%	10%	-6%
Residential Lighting	35%	37%	12%	-16%
Residential Consumer Products	-8%	-15%	0%	-42%
Low-Income				
4. Low-Income Whole House				
Low-Income New Construction	-100%	-100%	0%	<b>-73%</b>
Low-Income Single Family Retrofit	13%	44%	10%	12%
Low-Income Multi-Family Retrofit	-21%	46%	-5%	-37%
Commercial & Industrial				
6. C&I New Construction				
C&I New Construction	-3%	22%	8%	-24%
7. C&I Retrofit				
C&I Retrofit	22%	79%	16%	-21%
C&I Direct Install	-8%	-11%	5%	1%

#### **Grand Total**

Significant variances, which require explanation, are defined as:

- (1) variances between planned and actual core initiative budget of 15 percent or greater;
- (2) variances between planned and preliminary core initiative total lifetime savings showing a decrease of 15 percent or greater;
- (3) variances between planned and preliminar y core initiative total benefits showing a decrease of 15 percent or greater; and
- (4) variances between preliminary and evaluated core initiative total resource benefits showing a decrease of 15 percent or greater .

Cells highlighted in the above table indicate that a variance is significant enough to require explanation. Refer to Appendix 1 for explanations of significant variances.

# Planned v Preliminary Savings: Plan-Year Analysis Savings Table 1 Planned v Preliminary Savings: Plan-Year Analysis Page 2 of 45

Date of Filing	6/20/2014
Distribution Company	Electric
Program Administrator	Unitil
Year	2013

	Sum of	Sum of Energy	Sum of Energy	Sum of Summer
	Participants	(Annual MWh)	(Lifetime MWh)	Capacity (kW)
Planned	7,910	7,773	96,645	1,721
Residential	7,459	1,063	9,174	129
1. Residential Whole House	202	173	2,027	19
Residential New Construction & Major Renovation	40	58	618	5
Residential Multi-Family Retrofit	55	62	781	4
Residential Home Energy Services	107	53	628	11
Residential Behavior/Feedback Program	-	-	-	-
2. Residential Products	7,257	890	7,147	110
Residential Cooling & Heating Equipment	151	29	436	7
Residential Lighting	4,876	676	5,170	68
Residential Consumer Products	2,230	185	1,541	35
Low-Income	184	235	3,301	17
4. Low-Income Whole House	184	235	3,301	17
Low-Income New Construction	17	22	247	2
Low-Income Single Family Retrofit	128	93	864	10
Low-Income Multi-Family Retrofit	39	120	2,190	5
Commercial & Industrial	267	6,476	84,170	1,575
6. C&I New Construction	150	822	10,673	154
C&I New Construction	150	822	10,673	154
7. C&I Retrofit	117	5,654	73,498	1,421
C&I Retrofit	41	3,888	50,550	995
C&I Direct Install	76	1,765	22,948	425
Preliminary	10,704	8,052	112,231	2,296
Residential	10,164	1,657	16,303	211
1. Residential Whole House	403	390	6,601	64
Residential New Construction & Major Renovation	93	184	4,339	36
Residential Multi-Family Retrofit	88	70	740	3
Residential Home Energy Services	222	136	1,522	26
Residential Behavior/Feedback Program		-	-	-
2. Residential Products	9,761	1,267	9,702	147
Residential Cooling & Heating Equipment	123	96	1,294	12
Residential Lighting	8,408	957	6,993	102
Residential Consumer Products	1,230	215	1,415	33
Low-Income	336	264	2,699	16
4. Low-Income Whole House	336	264	2,699	16
Low-Income New Construction	-	-	-	-
Low-Income Single Family Retrofit	129	103	975	8
Low-Income Multi-Family Retrofit	207	161	1,724	8
Commercial & Industrial	204	6,131	93,229	2,069
6. C&I New Construction	127	968	10,365	223
C&I New Construction	127	968	10,365	223
7. C&I Retrofit	77	5,163	82,863	1,846
C&I Retrofit	10	3,537	61,746	1,491
C&I Direct Install	67	1,626	21,118	355

# Planned v Preliminary Savings: Plan-Year Analysis Savings Table 1 Planned v Preliminary Savings: Plan-Year Analysis Page 3 of 45

Date of Filing	6/20/2014
Distribution Company	Electric
Program Administrator	Unitil
Year	2013

Planned v Preliminary Variances: (Prelim - Plan) / Plan	Sum of Participants	Sum of Energy (Annual MWh)	Sum of Energy (Lifetime MWh)	Sum of Summer Capacity (kW)
Total Annual Variance	35%	4%	16%	33%
Residential	36%	56%	78%	63%
1. Residential Whole House	100%	126%	226%	233%
Residential New Construction & Major Renovation	133%	217%	602%	653%
Residential Multi-Family Retrofit	60%	13%	-5%	-19%
Residential Home Energy Services	107%	157%	142%	135%
Residential Behavior/Feedback Program	0%	0%	0%	0%
2. Residential Products	35%	42%	36%	34%
Residential Cooling & Heating Equipment	-19%	230%	197%	72%
Residential Lighting	72%	42%	35%	49%
Residential Consumer Products	-45%	16%	-8%	-5%
Low-Income	83%	12%	-18%	-5%
4. Low-Income Whole House	83%	12%	-18%	-5%
Low-Income New Construction	-100%	-100%	-100%	-100%
Low-Income Single Family Retrofit	1%	11%	13%	-16%
Low-Income Multi-Family Retrofit	431%	34%	-21%	46%
Commercial & Industrial	-24%	-5%	11%	31%
6. C&I New Construction	-15%	18%	-3%	45%
C&I New Construction	-15%	18%	-3%	45%
7. C&I Retrofit	-34%	-9%	13%	30%
C&I Retrofit	-76%	-9%	22%	50%
C&I Direct Install	-12%	-8%	-8%	-17%

The Plan-Year variances provided above are intended to indicate the Program Administrator's performance in the Plan-Year only. The variances used to determine significant variances are provided later in this report. The variances above and the significant variances use different calculations to determine variances on an annual basis and over the three-year term, respectively.

# Planned v Evaluated Savings: Plan-Year Analysis Page 4 of 45 Savings Table 2

Date of Filing	6/20/2014
Distribution Company	Electric
Program Administrator	Unitil
Year	2013

	Sum of	Sum of Energy	Sum of Energy	Sum of Summer
	Participants	(Annual MWh)	(Lifetime MWh)	Capacity (kW)
Planned	7,910	7,773	96,645	1,721
Residential	7,459	1,063	9,174	129
1. Residential Whole House	202	173	2,027	19
Residential New Construction & Major Renovation	40	58	618	5
Residential Multi-Family Retrofit	55	62	781	4
Residential Home Energy Services	107	53	628	11
Residential Behavior/Feedback Program	-	-	-	-
2. Residential Products	7,257	890	7,147	110
Residential Cooling & Heating Equipment	151	29	436	7
Residential Lighting	4,876	676	5,170	68
Residential Consumer Products	2,230	185	1,541	35
Low-Income	184	235	3,301	17
4. Low-Income Whole House	184	235	3,301	17
Low-Income New Construction	17	22	247	2
Low-Income Single Family Retrofit	128	93	864	10
Low-Income Multi-Family Retrofit	39	120	2,190	5
Commercial & Industrial	267	6,476	84,170	1,575
6. C&I New Construction	150	822	10,673	154
C&I New Construction	150	822	10,673	154
7. C&I Retrofit	117	5,654	73,498	1,421
C&I Retrofit	41	3,888	50,550	995
C&I Direct Install	76	1,765	22,948	425
Evaluated	10,704	8,303	114,520	2,540
Residential	10,164	1,746	16,588	261
1. Residential Whole House	403	429	6,706	79
Residential New Construction & Major Renovation	93	184	4,339	36
Residential Multi-Family Retrofit	88	71	610	5
Residential Home Energy Services	222	174	1,758	39
Residential Behavior/Feedback Program		-	-	-
2. Residential Products	9,761	1,318	9,882	182
Residential Cooling & Heating Equipment	123	97	1,320	16
Residential Lighting	8,408	1,006	7,147	133
Residential Consumer Products	1,230	215	1,415	33
Low-Income	336	275	2,685	31
4. Low-Income Whole House	336	275	2,685	31
Low-Income New Construction	-	-	-	-
Low-Income Single Family Retrofit	129	114	1,044	23
Low-Income Multi-Family Retrofit	207	161	1,642	7
Commercial & Industrial	204	6,281	95,247	2,248
6. C&I New Construction	127	1,009	11,130	199
C&I New Construction	127	1,009	11,130	199
7. C&I Retrofit	77	5,273	84,117	2,049
C&I Retrofit	10	3,648	63,012	1,690
C&I Direct Install	67	1,625	21,104	359

# Planned v Evaluated Savings: Plan-Year Analysis Planned v Evaluated Savings: Plan-Year Analysis

Savings Table 2

Date of Filing	6/20/2014
Distribution Company	Electric
Program Administrator	Unitil
Year	2013

Planned v Evaluated Variances: (Eval - Plan) / Plan	Sum of Participants	Sum of Energy (Annual MWh)	Sum of Energy (Lifetime MWh)	Sum of Summer Capacity (kW)
Total Annual Variance	35%	7%	18%	48%
Residential	36%	64%	81%	102%
1. Residential Whole House	100%	148%	231%	311%
Residential New Construction & Major Renovation	133%	217%	602%	657%
Residential Multi-Family Retrofit	60%	14%	-22%	32%
Residential Home Energy Services	107%	228%	180%	255%
Residential Behavior/Feedback Program	0%	0%	0%	0%
2. Residential Products	35%	48%	38%	65%
Residential Cooling & Heating Equipment	-19%	236%	203%	126%
Residential Lighting	72%	49%	38%	96%
Residential Consumer Products	-45%	16%	-8%	-5%
Low-Income	83%	17%	-19%	83%
4. Low-Income Whole House	83%	17%	-19%	83%
Low-Income New Construction	-100%	-100%	-100%	-100%
Low-Income Single Family Retrofit	1%	24%	21%	139%
Low-Income Multi-Family Retrofit	431%	34%	-25%	38%
Commercial & Industrial	-24%	-3%	13%	43%
6. C&I New Construction	-15%	23%	4%	29%
C&I New Construction	-15%	23%	4%	29%
7. C&I Retrofit	-34%	-7%	14%	44%
C&I Retrofit	-76%	-6%	25%	70%
C&I Direct Install	-12%	-8%	-8%	-15%

The Plan-Year variances provided above are intended to indicate the Program Administrator's performance in the Plan-Year only. The variances used to determine significant variances are provided later in this report. The variances above and the significant variances use different calculations to determine variances on an annual basis and over the three-year term, respectively.

# Preliminary v Evaluated Savings: Plan-Year Analysis Savings Table 3 DOCKET NO. D.P.U. 14-87 2013 Plan-Year Report - Electric Division Page 6 of 45

Date of Filing	6/20/2014
Distribution Company	Electric
Program Administrator	Unitil
Year	2013

	Sum of	Sum of Energy	Sum of Energy	Sum of Summer
	Participants	(Annual MWh)	(Lifetime MWh)	Capacity (kW)
Preliminary	10,704	8,052	112,231	2,296
Residential	10,164	1,657	16,303	211
1. Residential Whole House	403	390	6,601	64
Residential New Construction & Major Renovation	93	184	4,339	36
Residential Multi-Family Retrofit	88	70	740	3
Residential Home Energy Services	222	136	1,522	26
Residential Behavior/Feedback Program		-	-	-
2. Residential Products	9,761	1,267	9,702	147
Residential Cooling & Heating Equipment	123	96	1,294	12
Residential Lighting	8,408	957	6,993	102
Residential Consumer Products	1,230	215	1,415	33
Low-Income	336	264	2,699	16
4. Low-Income Whole House	336	264	2,699	16
Low-Income New Construction	-	-	-	-
Low-Income Single Family Retrofit	129	103	975	8
Low-Income Multi-Family Retrofit	207	161	1,724	8
Commercial & Industrial	204	6,131	93,229	2,069
6. C&I New Construction	127	968	10,365	223
C&I New Construction	127	968	10,365	223
7. C&I Retrofit	77	5,163	82,863	1,846
C&I Retrofit	10	3,537	61,746	1,491
C&I Direct Install	67	1,626	21,118	355
Evaluated	10,704	8,303	114,520	2,540
Residential	10,164	1,746	16,588	261
1. Residential Whole House	403	429	6,706	79
Residential New Construction & Major Renovation	93	184	4,339	36
Residential Multi-Family Retrofit	88	71	610	5
Residential Home Energy Services	222	174	1,758	39
Residential Behavior/Feedback Program		-	-	-
2. Residential Products	9,761	1,318	9,882	182
Residential Cooling & Heating Equipment	123	97	1,320	16
Residential Lighting	8,408	1,006	7,147	133
Residential Consumer Products	1,230	215	1,415	33
Low-Income	336	275	2,685	31
4. Low-Income Whole House	336	275	2,685	31
Low-Income New Construction	-	-	-	-
Low-Income Single Family Retrofit	129	114	1,044	23
Low-Income Multi-Family Retrofit	207	161	1,642	7
Commercial & Industrial	204	6,281	95,247	2,248
6. C&I New Construction	127	1,009	11,130	199
C&I New Construction	127	1,009	11,130	199
7. C&I Retrofit	77	5,273	84,117	2,049
C&I Retrofit	10	3,648	63,012	1,690
C&I Direct Install	67	1,625	21,104	359

# Preliminary v Evaluated Savings: Plan-Year Analysis 2013 Plan-Year Report - Electric Division Page 7 of 45

Savings Table 3

Date of Filing	6/20/2014
Distribution Company	Electric
Program Administrator	Unitil
Year	2013

Preliminary v Evaluated Variances: (Eval - Prelim) / Prelim	Sum of	Sum of Energy	Sum of Energy	Sum of Summer
Tremmary v Evaluated variances. (Eval Tremmy / Tremm	Participants	(Annual MWh)	(Lifetime MWh)	Capacity (kW)
Total Annual Variance	0%	3%	2%	11%
Residential	0%	5%	2%	24%
1. Residential Whole House	0%	10%	2%	23%
Residential New Construction & Major Renovation	0%	0%	0%	1%
Residential Multi-Family Retrofit	0%	1%	-18%	63%
Residential Home Energy Services	0%	28%	15%	51%
Residential Behavior/Feedback Program	0%	0%	0%	0%
2. Residential Products	0%	4%	2%	24%
Residential Cooling & Heating Equipment	0%	2%	2%	31%
Residential Lighting	0%	5%	2%	31%
Residential Consumer Products	0%	0%	0%	0%
Low-Income	0%	4%	-1%	93%
4. Low-Income Whole House	0%	4%	-1%	93%
Low-Income New Construction	0%	0%	0%	0%
Low-Income Single Family Retrofit	0%	11%	7%	185%
Low-Income Multi-Family Retrofit	0%	0%	-5%	-6%
Commercial & Industrial	0%	2%	2%	9%
6. C&I New Construction	0%	4%	7%	-11%
C&I New Construction	0%	4%	7%	-11%
7. C&I Retrofit	0%	2%	2%	11%
C&I Retrofit	0%	3%	2%	13%
C&I Direct Install	0%	0%	0%	1%

The Plan-Year variances provided above are intended to indicate the Program Administrator's performance in the Plan-Year only. The variances used to determine significant variances are provided later in this report. The variances above and the significant variances use different calculations to determine variances on an annual basis and over the three-year term, respectively.

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#### Savings for the Three-Year Term

Savings Table 4

Participant   Participant		Sum of	Sum of Energy	Sum of Energy	Sum of Summer
Planned   7,910   7,73   96,645   1,721   Residential   7,459   1,063   9,174   129   1. Residential Whole House   202   173   2,027   19   Residential New Construction & Major Renovation   40   58   618   5   62   678   14   68   68   68   68   68   68   68   6		Participants	(Annual MWh)	(Lifetime MWh)	Capacity (kW)
Residential   7,459   1,063   9,174   129     1. Residential New Construction & Major Renovation   40   58   618   5     Residential Multi-Family Retrofit   55   62   781   4     Residential Home Energy Services   107   53   628   11     Residential Behavior/Feedback Program	2013				
1. Residential Whole House   202   173   2,027   19     Residential New Construction & Major Renovation   40   58   618   5     Residential Multi-Family Retrofit   55   62   781   4     Residential Home Energy Services   107   53   628   11     Residential Home Energy Services   107   53   628   11     Residential Behavior/Feedback Program	Planned	7,910	7,773	96,645	1,721
Residential New Construction & Major Renovation         40         58         618         5           Residential Home Energy Services         107         53         628         11           Residential Home Energy Services         107         53         628         11           Residential Energy Services         7,257         890         7,147         110           Residential Cooling & Heating Equipment         151         29         436         7           Residential Cosmore         2,230         185         1,541         35           Residential Cosmer Products         2,230         185         1,541         35           Low-Income         184         235         3,301         17           4. Low-income Whole House         184         235         3,301         17           4. Low-income Single Family Retrofit         128         93         864         10           Low-income Multi-Family Retrofit         128         29	Residential	7,459	1,063	9,174	129
Residential Multi-Family Retrofit         55         62         781         4           Residential Behavior/Feedback Program         -         -         -           2. Residential Products         7,257         890         7,147         110           Residential Products         7,257         890         7,147         110           Residential Cooling & Heating Equipment         151         29         436         7           Residential Consumer Products         2,230         185         1,541         35           Low-Income         184         235         3,301         1,7           4. Low-Income New Construction         17         22         247         2           Low-Income New Construction         17         22         247         2           Low-Income Multi-Family Retrofit         28         93         864         10           Low-Income Multi-Family Retrofit         39         120         2,190         5           Commercial & Industrial         267         6,476         84,170         1,575           6. C&I New Construction         150         822         10,673         154           7. C&I Retrofit         117         5,654         73,498         1,421	1. Residential Whole House	202	173	2,027	
Residential Home Energy Services         107         53         628         11           Residential Behavior/Feedback Program         -	Residential New Construction & Major Renovation				
Residential Behavior/Feedback Program         7,257         890         7,147         110           2. Residential Cooling & Heating Equipment         151         29         436         7           Residential Lighting         4,876         676         5,170         68           Residential Lighting         4,876         676         5,170         68           Residential Consumer Products         2,230         185         1,541         35           Low-Income         184         235         3,301         17           4. Low-Income Whole House         184         235         3,301         17           Low-Income New Construction         17         22         247         2           Low-Income Multi-Family Retrofit         128         93         864         10           Low-Income Multi-Family Retrofit         128         93         864         10           Commercial & Industrial         267         6,476         84,170         1,575           6. C&I New Construction         150         822         10,673         154           C&I New Construction         150         822         10,673         154           C&I Retrofit         41         3,888         50,550	•				•
2. Residential Products         7,257         890         7,147         110           Residential Cooling & Heating Equipment         151         29         436         7           Residential Lighting         4,876         676         5,170         68           Residential Consumer Products         2,230         185         1,541         35           Low-Income Whole House         184         235         3,301         17           4. Low-Income New Construction         17         22         247         2           Low-Income New Construction         17         22         247         2           Low-Income Multi-Family Retrofit         39         120         2,190         5           Commercial & Industrial         267         6,476         84,170         1,575           6. C&I New Construction         150         822         10,673         154           C&I Residential Mew Construction         150         822         10,673         154           7. C&I Retrofit         117         5,654         73,498         1,421           C&I New Construction         150         822         10,673         154           C&I Retrofit         117         5,654         73,498		107	53	628	11
Residential Cooling & Heating Equipment         151         29         436         7           Residential Lighting         4,876         676         5,170         68           Residential Consumer Products         2,230         1885         1,541         35           Low-Income         184         235         3,301         17           4. Low-Income Whole House         184         235         3,301         17           Low-Income Word Construction         17         22         247         2           Low-Income Multi-Family Retrofit         128         93         864         10           Low-Income Multi-Family Retrofit         128         93         864         10           Low-Income Multi-Family Retrofit         128         93         864         10           Commercial & Industrial         267         6,476         6,476         84,170         1,575           Commercial & Industrial         150         822         10,673         154           7. C&I Retrofit         117         5,654         84,170         1,575           C&I New Construction         150         822         10,673         154           C&I Retrofit         41         3,888         50,550 <td></td> <td>-</td> <td>_</td> <td>-</td> <td>-</td>		-	_	-	-
Residential Lighting         4,876         676         5,170         68           Residential Consumer Products         2,230         185         1,541         35           Low-Income         184         235         3,301         17           4. Low-Income Wew Construction         17         22         247         2           Low-Income Multi-Family Retrofit         128         93         864         10           Low-Income Multi-Family Retrofit         39         120         2,190         5           Commercial & Industrial         267         6,476         84,170         1,575           6. C&I New Construction         150         822         10,673         154           C&I Retrofit         117         5,654         73,498         1,421           C&I Retrofit         41         3,888         50,550         995           C&I Direct Install         76         1,765         22,948         425           Evaluated         10,704         8,303         114,520         2,540           Residential Whole House         403         429         6,706         79           Residential Whole House         403         429         6,706         79	2. Residential Products	•		•	
Residential Consumer Products         2,230         185         1,541         35           Low-Income Whole House         184         235         3,301         17           4. Low-Income New Construction         17         22         247         2           Low-Income Single Family Retrofit         128         93         864         10           Low-Income Multi-Family Retrofit         39         120         2,190         5           Commercial & Industrial         267         6,476         84,170         1,575           6. C&I New Construction         150         822         10,673         154           C&I New Construction         150         822         10,673         154           7. C&I Retrofit         41         3,888         50,550         995           C&I Retrofit         40         1,765         42         42           Evaluated <td>9 9 1</td> <td></td> <td></td> <td></td> <td></td>	9 9 1				
Low-Income         184         235         3,301         17           4. Low-Income Whole House         184         235         3,301         17           Low-Income New Construction         17         22         247         2           Low-Income Single Family Retrofit         128         93         864         10           Low-Income Multi-Family Retrofit         39         120         2,190         5           Commercial & Industrial         267         6,76         84,170         1,575           6. C&I New Construction         150         822         10,673         154           C&I New Construction         150         822         10,673         154           C&I Retrofit         117         5,654         73,498         1,421           C&I Retrofit         41         3,888         50,550         995           C&I Direct Install         76         1,765         22,948         425           Evaluated         10,704         8,303         114,520         2,540           Residential Whole House         403         1,746         16,588         261           1. Residential Nwa Construction & Major Renovation         93         184         4,339         36     <	Residential Lighting	4,876	676	5,170	68
	Residential Consumer Products	2,230	185	1,541	35
Low-Income New Construction         17         22         247         2           Low-Income Single Family Retrofit         128         93         864         10           Low-Income Multi-Family Retrofit         39         120         2,190         55           Commercial & Industrial         267         6,476         84,170         1,575           6. C&I New Construction         150         822         10,673         154           C&I Retrofit         41         3,888         50,550         995           C&I Direct Install         76         1,765         22,948         425           Evaluated         10,704         8,303         114,520         2,540           Residential Molti-Install         10,164         1,746         16,588         261           1. Residential Multi-Family Retrofit         88         71         610         5           Residential Multi-Family Retrofit         88         71         610         5 <td>Low-Income</td> <td>184</td> <td>235</td> <td>3,301</td> <td>17</td>	Low-Income	184	235	3,301	17
Low-Income Single Family Retrofit         128         93         864         10           Low-Income Multi-Family Retrofit         39         120         2,190         5           Commercial & Industrial         267         6,476         84,170         1,575           6. C&I New Construction         150         822         10,673         154           C&I New Construction         150         822         10,673         154           7. C&I Retrofit         117         5,654         73,498         1,421           C&I Orient Install         41         3,888         50,550         995           C&I Direct Install         41         1,765         22,948         425           Evaluated         10,704         8,303         114,520         2,540           Residential Whole House         403         429         6,706         79           Residential Whole House         22         174         1,758         39	4. Low-Income Whole House	184	235	3,301	17
Low-Income Multi-Family Retrofit         39         120         2,190         5           Commercial & Industrial         267         6,476         84,170         1,575           6. C&I New Construction         150         822         10,673         154           C&I New Construction         150         822         10,673         154           7. C&I Retrofit         117         5,654         73,498         1,421           C&I Netrofit         41         3,888         50,550         995           C&I Direct Install         76         1,765         22,948         425           Evaluated         10,704         8,303         114,520         2,540           Residential Whole House         403         429         6,706         79           Residential New Construction & Major Renovation         93         184         4,339         36           Residential Home Energy Services         222         174         1,758         39           Residential Products         9,761         1,318         9,882         182           Residential Products         9,761         1,318         9,882         182           Residential Cooling & Heating Equipment         123         97         1,320<	Low-Income New Construction	17	22	247	2
Commercial & Industrial         267         6,476         84,170         1,575           6. C&I New Construction         150         822         10,673         154           C&I New Construction         150         822         10,673         154           7. C&I Retrofit         117         5,654         73,498         1,421           C&I Direct Install         76         1,765         22,948         425           Evaluated         10,704         8,303         114,520         2,540           Residential         10,164         1,746         16,588         261           1. Residential Whole House         403         429         6,706         79           Residential New Construction & Major Renovation         93         184         4,339         36           Residential Home Energy Services         222         174         1,758         39           Residential Behavior/Feedback Program         -         -         -         -           2. Residential Energy Services         9,761         1,318         9,882         182           Residential Cooling & Heating Equipment         123         97         1,320         16           Residential Lighting         8,408         1,006	Low-Income Single Family Retrofit	128	93	864	10
6. C&I New Construction         150         822         10,673         154           C&I New Construction         150         822         10,673         154           7. C&I Retrofit         117         5,654         73,498         1,421           C&I Retrofit         41         3,888         50,550         995           C&I Direct Install         76         1,765         22,948         425           Evaluated         10,704         8,303         114,520         2,540           Residential         403         429         6,706         79           Residential Whole House         403         429         6,706         79           Residential New Construction & Major Renovation         93         184         4,339         36           Residential Behavior/Feedback Program         -         -         -         -           Residential Behavior/Feedback Program         -         -         -         -         -           Residential Ephavior/Feedback Program         9,761         1,318         9,882         182           Residential Cooling & Heating Equipment         123         97         1,320         16           Residential Lighting         8,408         1,006	Low-Income Multi-Family Retrofit	39	120	2,190	5
C&I New Construction         150         822         10,673         154           7. C&I Retrofit         117         5,654         73,498         1,421           C&I Retrofit         41         3,888         50,550         995           C&I Direct Install         76         1,765         22,948         425           Evaluated         10,704         8,303         114,520         2,540           Residential         10,164         1,746         16,588         261           1. Residential Whole House         403         429         6,706         79           Residential New Construction & Major Renovation         93         184         4,339         36           Residential Pometrergy Services         222         174         1,758         39           Residential Home Energy Services         222         174         1,758         39           Residential Products         9,761         1,318         9,882         182           Residential Cooling & Heating Equipment         123         97         1,320         16           Residential Lighting         8,408         1,006         7,147         133           Residential Consumer Products         1,230         215         1,415 </td <td>Commercial &amp; Industrial</td> <td>267</td> <td>6,476</td> <td>84,170</td> <td>1,575</td>	Commercial & Industrial	267	6,476	84,170	1,575
7. C&I Retrofit         117         5,654         73,498         1,421           C&I Retrofit         41         3,888         50,550         995           C&I Direct Install         76         1,765         22,948         425           Evaluated         10,704         8,303         114,520         2,540           Residential         10,164         1,746         16,588         261           1. Residential Whole House         403         429         6,706         79           Residential New Construction & Major Renovation         93         184         4,339         36           Residential Home Energy Services         222         174         1,758         39           Residential Home Energy Services         222         174         1,758         39           Residential Products         9,761         1,318         9,882         182           Residential Products         9,761         1,318         9,882         182           Residential Lighting         8,408         1,006         7,147         133           Residential Cooling & Heating Equipment         123         97         1,320         16           Residential Lighting         8,408         1,006         7,147	6. C&I New Construction	150	822	10,673	154
C&I Retrofit         41         3,888         50,550         995           C&I Direct Install         76         1,765         22,948         425           Evaluated         10,704         8,303         114,520         2,540           Residential         10,164         1,746         16,588         261           1. Residential Whole House         403         429         6,706         79           Residential New Construction & Major Renovation         93         184         4,339         36           Residential Home Energy Services         222         174         1,758         39           Residential Behavior/Feedback Program         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - <t< td=""><td>C&amp;I New Construction</td><td>150</td><td>822</td><td>10,673</td><td>154</td></t<>	C&I New Construction	150	822	10,673	154
C&I Direct Install         76         1,765         22,948         425           Evaluated         10,704         8,303         114,520         2,540           Residential         10,164         1,746         16,588         261           1. Residential Whole House         403         429         6,706         79           Residential Multi-Family Retrofit         88         71         610         5           Residential Home Energy Services         222         174         1,758         39           Residential Behavior/Feedback Program         -         -         -         -         -           2. Residential Products         9,761         1,318         9,882         182           Residential Cooling & Heating Equipment         123         97         1,320         16           Residential Lighting         8,408         1,006         7,147         133           Residential Cooling & Heating Equipment         123         97         1,320         16           Residential Lighting         8,408         1,006         7,147         133           Low-Income         336         275         2,685         31           Low-Income Ww Construction         -         -	7. C&I Retrofit	117	5,654	73,498	1,421
Evaluated         10,704         8,303         114,520         2,540           Residential         10,164         1,746         16,588         261           1. Residential Whole House         403         429         6,706         79           Residential New Construction & Major Renovation         93         184         4,339         36           Residential Momiti-Family Retrofit         88         71         610         5           Residential Home Energy Services         222         174         1,758         39           Residential Behavior/Feedback Program         -         -         -         -           2. Residential Products         9,761         1,318         9,882         182           Residential Cooling & Heating Equipment         123         97         1,320         16           Residential Lighting         8,408         1,006         7,147         133           Residential Consumer Products         1,230         215         1,415         33           Low-Income         336         275         2,685         31           Low-Income New Construction         -         -         -         -           Low-Income Single Family Retrofit         129         114	C&I Retrofit	41	3,888	50,550	995
Residential         10,164         1,746         16,588         261           1. Residential Whole House         403         429         6,706         79           Residential New Construction & Major Renovation         93         184         4,339         36           Residential Multi-Family Retrofit         88         71         610         5           Residential Home Energy Services         222         174         1,758         39           Residential Behavior/Feedback Program         -	C&I Direct Install	76	1,765	22,948	425
1. Residential Whole House       403       429       6,706       79         Residential New Construction & Major Renovation       93       184       4,339       36         Residential Multi-Family Retrofit       88       71       610       5         Residential Home Energy Services       222       174       1,758       39         Residential Behavior/Feedback Program       -       -       -       -         2. Residential Products       9,761       1,318       9,882       182         Residential Cooling & Heating Equipment       123       97       1,320       16         Residential Lighting       8,408       1,006       7,147       133         Residential Consumer Products       1,230       215       1,415       33         Low-Income       336       275       2,685       31         Low-Income Whole House       336       275       2,685       31         Low-Income New Construction       -       -       -       -         Low-Income Multi-Family Retrofit       207       161       1,642       7         Commercial & Industrial       204       6,281       95,247       2,248         6. C&I New Construction       127       <	Evaluated	10,704	8,303	114,520	2,540
Residential New Construction & Major Renovation       93       184       4,339       36         Residential Multi-Family Retrofit       88       71       610       5         Residential Home Energy Services       222       174       1,758       39         Residential Behavior/Feedback Program       -       -       -       -         2. Residential Products       9,761       1,318       9,882       182         Residential Cooling & Heating Equipment       123       97       1,320       16         Residential Lighting       8,408       1,006       7,147       133         Residential Consumer Products       1,230       215       1,415       33         Low-Income       336       275       2,685       31         Low-Income Whole House       336       275       2,685       31         Low-Income New Construction       -       -       -       -         Low-Income New Construction       129       114       1,044       23         Low-Income Multi-Family Retrofit       207       161       1,642       7         Commercial & Industrial       204       6,281       95,247       2,248         6. C&I New Construction       127	Residential	10,164	1,746	16,588	261
Residential Multi-Family Retrofit       88       71       610       5         Residential Home Energy Services       222       174       1,758       39         Residential Behavior/Feedback Program       -       -       -       -         2. Residential Products       9,761       1,318       9,882       182         Residential Cooling & Heating Equipment       123       97       1,320       16         Residential Lighting       8,408       1,006       7,147       133         Residential Consumer Products       1,230       215       1,415       33         Low-Income       336       275       2,685       31         Low-Income Whole House       336       275       2,685       31         Low-Income New Construction       -       -       -       -         Low-Income Single Family Retrofit       129       114       1,044       23         Low-Income Multi-Family Retrofit       207       161       1,642       7         Commercial & Industrial       204       6,281       95,247       2,248         6. C&I New Construction       127       1,009       11,130       199         7. C&I Retrofit       77       5,273       <	1. Residential Whole House	403	429	6,706	79
Residential Home Energy Services       222       174       1,758       39         Residential Behavior/Feedback Program       -       -       -       -         2. Residential Products       9,761       1,318       9,882       182         Residential Cooling & Heating Equipment       123       97       1,320       16         Residential Lighting       8,408       1,006       7,147       133         Residential Consumer Products       1,230       215       1,415       33         Low-Income       336       275       2,685       31         Low-Income Whole House       336       275       2,685       31         Low-Income New Construction       -       -       -       -         Low-Income Single Family Retrofit       129       114       1,044       23         Low-Income Multi-Family Retrofit       207       161       1,642       7         Commercial & Industrial       204       6,281       95,247       2,248         6. C&I New Construction       127       1,009       11,130       199         7. C&I Retrofit       77       5,273       84,117       2,049         6. Residential Cooling & House       30       3,648	Residential New Construction & Major Renovation	93	184	4,339	36
Residential Behavior/Feedback Program       -       -       -         2. Residential Products       9,761       1,318       9,882       182         Residential Cooling & Heating Equipment       123       97       1,320       16         Residential Lighting       8,408       1,006       7,147       133         Residential Consumer Products       1,230       215       1,415       33         Low-Income       336       275       2,685       31         Low-Income Whole House       336       275       2,685       31         Low-Income New Construction       -       -       -       -       -         Low-Income Single Family Retrofit       129       114       1,044       23         Low-Income Multi-Family Retrofit       207       161       1,642       7         Commercial & Industrial       204       6,281       95,247       2,248         6. C&I New Construction       127       1,009       11,130       199         7. C&I Retrofit       77       5,273       84,117       2,049         6. C&I Retrofit       10       3,648       63,012       1,690	Residential Multi-Family Retrofit	88	71	610	5
2. Residential Products       9,761       1,318       9,882       182         Residential Cooling & Heating Equipment       123       97       1,320       16         Residential Lighting       8,408       1,006       7,147       133         Residential Consumer Products       1,230       215       1,415       33         Low-Income       336       275       2,685       31         4. Low-Income Whole House       336       275       2,685       31         Low-Income New Construction       -       -       -       -         Low-Income Single Family Retrofit       129       114       1,044       23         Low-Income Multi-Family Retrofit       207       161       1,642       7         Commercial & Industrial       204       6,281       95,247       2,248         6. C&I New Construction       127       1,009       11,130       199         7. C&I Retrofit       77       5,273       84,117       2,049         C&I Retrofit       10       3,648       63,012       1,690	Residential Home Energy Services	222	174	1,758	39
Residential Cooling & Heating Equipment       123       97       1,320       16         Residential Lighting       8,408       1,006       7,147       133         Residential Consumer Products       1,230       215       1,415       33         Low-Income       336       275       2,685       31         Low-Income Whole House       336       275       2,685       31         Low-Income New Construction       -       -       -       -         Low-Income Single Family Retrofit       129       114       1,044       23         Low-Income Multi-Family Retrofit       207       161       1,642       7         Commercial & Industrial       204       6,281       95,247       2,248         6. C&I New Construction       127       1,009       11,130       199         7. C&I Retrofit       77       5,273       84,117       2,049         C&I Retrofit       10       3,648       63,012       1,690	Residential Behavior/Feedback Program		-	-	-
Residential Lighting       8,408       1,006       7,147       133         Residential Consumer Products       1,230       215       1,415       33         Low-Income       336       275       2,685       31         4. Low-Income Whole House       336       275       2,685       31         Low-Income New Construction       -       -       -       -       -         Low-Income Single Family Retrofit       129       114       1,044       23         Low-Income Multi-Family Retrofit       207       161       1,642       7         Commercial & Industrial       204       6,281       95,247       2,248         6. C&I New Construction       127       1,009       11,130       199         C&I New Construction       127       1,009       11,130       199         7. C&I Retrofit       77       5,273       84,117       2,049         C&I Retrofit       10       3,648       63,012       1,690	2. Residential Products	9,761	1,318	9,882	182
Residential Consumer Products       1,230       215       1,415       33         Low-Income       336       275       2,685       31         4. Low-Income Whole House       336       275       2,685       31         Low-Income New Construction       -       -       -       -         Low-Income Single Family Retrofit       129       114       1,044       23         Low-Income Multi-Family Retrofit       207       161       1,642       7         Commercial & Industrial       204       6,281       95,247       2,248         6. C&I New Construction       127       1,009       11,130       199         C&I New Construction       127       1,009       11,130       199         7. C&I Retrofit       77       5,273       84,117       2,049         C&I Retrofit       10       3,648       63,012       1,690	Residential Cooling & Heating Equipment	123	97	1,320	16
Low-Income         336         275         2,685         31           4. Low-Income Whole House         336         275         2,685         31           Low-Income New Construction         -         -         -         -           Low-Income Single Family Retrofit         129         114         1,044         23           Low-Income Multi-Family Retrofit         207         161         1,642         7           Commercial & Industrial         204         6,281         95,247         2,248           6. C&I New Construction         127         1,009         11,130         199           C&I New Construction         127         1,009         11,130         199           7. C&I Retrofit         77         5,273         84,117         2,049           C&I Retrofit         10         3,648         63,012         1,690	Residential Lighting	8,408	1,006	7,147	133
4. Low-Income Whole House       336       275       2,685       31         Low-Income New Construction       - <td< td=""><td>Residential Consumer Products</td><td>1,230</td><td>215</td><td>1,415</td><td>33</td></td<>	Residential Consumer Products	1,230	215	1,415	33
Low-Income New Construction       -	Low-Income	336	275	2,685	31
Low-Income Single Family Retrofit       129       114       1,044       23         Low-Income Multi-Family Retrofit       207       161       1,642       7         Commercial & Industrial       204       6,281       95,247       2,248         6. C&I New Construction       127       1,009       11,130       199         C&I New Construction       127       1,009       11,130       199         7. C&I Retrofit       77       5,273       84,117       2,049         C&I Retrofit       10       3,648       63,012       1,690	4. Low-Income Whole House	336	275	2,685	31
Low-Income Multi-Family Retrofit       207       161       1,642       7         Commercial & Industrial       204       6,281       95,247       2,248         6. C&I New Construction       127       1,009       11,130       199         C&I New Construction       127       1,009       11,130       199         7. C&I Retrofit       77       5,273       84,117       2,049         C&I Retrofit       10       3,648       63,012       1,690	Low-Income New Construction	-	-	-	-
Commercial & Industrial         204         6,281         95,247         2,248           6. C&I New Construction         127         1,009         11,130         199           C&I New Construction         127         1,009         11,130         199           7. C&I Retrofit         77         5,273         84,117         2,049           C&I Retrofit         10         3,648         63,012         1,690	Low-Income Single Family Retrofit	129	114	1,044	23
6. C&I New Construction       127       1,009       11,130       199         C&I New Construction       127       1,009       11,130       199         7. C&I Retrofit       77       5,273       84,117       2,049         C&I Retrofit       10       3,648       63,012       1,690	Low-Income Multi-Family Retrofit	207	161	1,642	7
C&I New Construction       127       1,009       11,130       199         7. C&I Retrofit       77       5,273       84,117       2,049         C&I Retrofit       10       3,648       63,012       1,690	Commercial & Industrial	204	6,281	95,247	2,248
7. C&I Retrofit       77       5,273       84,117       2,049         C&I Retrofit       10       3,648       63,012       1,690	6. C&I New Construction	127	1,009	11,130	199
C&I Retrofit 10 3,648 63,012 1,690	C&I New Construction	127	1,009	11,130	199
	7. C&I Retrofit	77	5,273	84,117	2,049
C&I Direct Install 67 1,625 21,104 359	C&I Retrofit	10	3,648	63,012	1,690
	C&I Direct Install	67	1,625	21,104	359

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#### Savings for the Three-Year Term

Savings Table 4

Planned   8,578   7,886   98,526   1,756   Residential   1,822   1,042   9,412   132   133   1,481   138   1,881   1		Sum of Participants	Sum of Energy (Annual MWh)	Sum of Energy (Lifetime MWh)	Sum of Summer Capacity (kW)
Residential         8,122         1,042         9,412         132           1. Residential New Construction & Major Renovation         47         46         496         4           Residential Multi-Family Retrofit         55         38         366         3           Residential Home Energy Services         110         50         619         11           Residential Behavior/Feedback Program         -         -         -         -           2. Residential Cooling & Heating Equipment         159         30         455         7           Residential Lighting         5,521         750         6,72         80           Residential Lighting         5,521         750         6,72         80           Residential Lighting         5,521         750         6,72         80           Residential Cooling & Heating Equipment         159         30         455         7           Residential Cooling & Heating Equipment         159         30         455         7           Residential Cooling & Heating Equipment         159         30         455         7           Residential Cooling & Heating Equipment         176         234         3,317         16           Low-Income Web Construction         1	2014				
1. Residential Whole House   212   133   1,481   18   Residential New Construction & Major Renovation   47   46   496	Planned	8,578	7,886	98,526	1,756
Residential New Construction & Major Renovation         47         46         496         4           Residential Multi-Family Retrofit         55         38         366         33           Residential Home Energy Services         110         50         619         11           Residential Behavior/Feedback Program         -         -         -         -           2. Residential Products         7,910         909         7,931         114           Residential Cooling & Heating Equipment         159         30         455         7           Residential Cooling & Heating Equipment         159         30         455         7           Residential Consumer Products         2,230         129         1,204         26           Low-Income Substance         176         234         3,317         16           4. Low-Income Whole House         176         234         3,317         16           Low-Income Web Construction         13         18         233         1           Low-Income Multi-Family Retrofit         29         120         2,207         5           Commercial & Industrial         280         6,609         85,796         1,607           C. &I New Construction         160	Residential	8,122	1,042	9,412	132
Residential Multi-Family Retrofit         55         38         366         3           Residential Home Energy Services         110         50         619         11           Residential Behavior/Feedback Program         -         -         -           2. Residential Forducts         7,910         909         7,931         114           Residential Cooling & Heating Equipment         159         30         455         7           Residential Consumer Products         2,230         129         1,204         26           Low-Income         176         234         3,317         16           4. Low-Income Whole House         176         234         3,317         16           Low-Income New Construction         13         18         233         1           Low-Income Whole House         176         234         3,317         16           Low-Income We Construction         13         18         233         1           Low-Income Multi-Family Retrofit         39         120         2,077         5           Commercial & Industrial         280         6,609         85,796         1,607           Commercial & Industrial         280         6,609         11,167         166	1. Residential Whole House	212	133	1,481	18
Residential Home Energy Services         110         50         619         11           Residential Behavior/Feedback Program         -	Residential New Construction & Major Renovation	47	46	496	4
Residential Products         7,910         909         7,931         114           Residential Cooling & Heating Equipment         159         30         455         77           Residential Lighting         5,521         750         6,272         80           Residential Lighting         5,521         750         6,272         80           Residential Lighting         5,521         750         6,272         80           Residential Consumer Products         2,76         234         3,317         16           Low-income Whole House         176         234         3,317         16           Low-income Whole House         13         18         233         1           Low-income Single Family Retrofit         124         96         877         10           Low-income Whulti-Family Retrofit         39         120         2,007         5           Commercial & Industrial         280         6,609         85,796         1,607           Call New Construction         160         869         11,167         166           C&I New Construction         160         869         11,167         166           C&I New Construction         20         5,741         74,629         1,4	Residential Multi-Family Retrofit	55	38	366	3
2. Residential Products         7,910         909         7,931         114           Residential Cooling & Heating Equipment         159         30         455         7           Residential Lighting         5,521         750         6,272         80           Residential Consumer Products         2,230         129         1,204         2.6           Low-Income Whole House         176         234         3,317         16           4. Low-Income New Construction         13         18         233         1           Low-Income New Construction         13         18         233         1           Low-Income Sulfit-Family Retrofit         28         6,609         85,796         1,607           6. CR New Construction         160         869         11,167         166           6. CR I New Construction         160         869         11,167         166           7. CR I Retrofit         120         5,741         74,629         1,442           CR Retrofit         14         3,900         5,058         99,81           CR I Retrofit         41         3,900         5,943         1,462           CR Retrofit         52         5,741         74,629         1,432	Residential Home Energy Services	110	50	619	11
Residential Cooling & Heating Equipment         159         30         455         7           Residential Lighting         5,521         750         6,272         80           Residential Consumer Products         2,230         129         1,204         26           Low-Income         176         234         3,317         16           4. Low-Income Whole House         176         234         3,317         16           Low-Income Single Family Retrofit         124         96         877         10           Low-Income Multi-Family Retrofit         124         96         877         10           Commercial & Industrial         280         6,609         85,796         1,607           6. C&I New Construction         160         869         11,167         166           C&I New Construction         180         7,955         99,121         176           C&I Retrofit         21         3,900         7,955         99,121	Residential Behavior/Feedback Program	-	-	-	-
Residential Lighting         5,521         750         6,272         80           Residential Consumer Products         2,230         129         1,204         26           Low-Income         176         234         3,317         16           4. Low-Income New Construction         13         18         233         1           Low-Income New Construction         13         18         233         1           Low-Income Single Family Retrofit         280         6,609         85,796         1,607           Commercial & Industrial         280         6,609         85,796         1,607           6. C&I New Construction         160         869         11,167         166           C&I Retrofit         20         5,741         74,629         1,442           C&I Retrofit         20         7,955         99,121         1,782	2. Residential Products	7,910	909	7,931	114
Residential Consumer Products         2,230         129         1,204         26           Low-Income         176         234         3,317         16           4. Low-Income Whole House         176         234         3,317         16           Low-Income New Construction         13         18         233         1           Low-Income Mult-Family Retrofit         124         96         877         10           Commercial & Industrial         280         6,609         85,796         1,607           6. C&I New Construction         160         869         11,167         166           C&I Retrofit         120         5,741         74,629         1,442           C&I Retrofit         41         3,900         7,955         99,121         1,782           Residential New Construction         8,900         7,955         99,121         1,782	Residential Cooling & Heating Equipment	159	30	455	7
Low-Income         176         234         3,317         16           4. Low-Income Whole House         176         234         3,317         16           Low-Income New Construction         13         18         233         1           Low-Income Single Family Retrofit         124         96         877         10           Low-Income Multi-Family Retrofit         39         120         2,207         5           Commercial & Industrial         280         6,609         85,796         1,607           6. C&I New Construction         160         869         11,167         166           C&I New Construction         40         40         3,900         50,698         998           C&I Direct Install         8,900         7,955         99,121         1,782           Planned         8,900         7,955         99,121         1,782           Residential Whole House         8,200         1,200         1,432         17 <td>Residential Lighting</td> <td>5,521</td> <td>750</td> <td>6,272</td> <td>80</td>	Residential Lighting	5,521	750	6,272	80
4. Low-Income Whole House         176         234         3,317         16           Low-Income New Construction         13         18         233         1           Low-Income Single Family Retrofit         124         96         877         10           Low-Income Multi-Family Retrofit         39         120         2,207         5           Commercial & Industrial         280         6,609         85,796         1,607           6. C&I New Construction         160         869         11,167         166           C&I New Construction         160         869         11,167         166           7. C&I Retrofit         41         3,900         50,698         998           C&I Direct Install         79         1,841         23,930         448           2015         8,900         7,955         99,121         1,782           Residential Install         8,900         7,955         99,121         1,782           Residential Whole House         2,04         126         1,432         17           Residential Nulti-Family Retrofit         55         37         358         3           Residential Home Energy Services         109         45         584         11	Residential Consumer Products	2,230	129	1,204	26
Low-Income New Construction         13         18         233         1           Low-Income Single Family Retrofit         124         96         877         10           Low-Income Multi-Family Retrofit         39         120         2,207         5           Commercial & Industrial         280         6,609         85,796         1,607           6. C&I New Construction         160         869         11,167         166           C&I New Construction         160         869         11,167         166           C&I Retrofit         120         5,741         74,629         1,442           C&I Retrofit         41         3,900         50,698         998           C&I Direct Install         890         7,955         99,121         1,782           Residential Install         8,900         7,955         99,121         1,782           Residential Whole House         204         126         1,432         1,782           Residential Whole House         204         126         1,432         1,782           Residential Home Energy Services         109         45         584         11           Residential Home Energy Services         129         87         7,284	Low-Income	176	234	3,317	16
Low-Income Single Family Retrofit         124         96         877         10           Low-Income Multi-Family Retrofit         39         120         2,207         5           Commercial & Industrial         280         6,609         85,796         1,607           6. C&I New Construction         160         869         11,167         166           C&I Retrofit         120         5,741         74,629         1,442           C&I Retrofit         20         1,811         23,930         448           201         11         20         1,841         23,930         448           201         11         20         1,841         23,930         448           201         1,811         3,900         7,955         99,121         1,782           Residential Multi-Family Retrofit         55         37         358         3           Residential Multi-Family Retrofit         55         37         524 <t< td=""><td>4. Low-Income Whole House</td><td>176</td><td>234</td><td>3,317</td><td>16</td></t<>	4. Low-Income Whole House	176	234	3,317	16
Low-Income Multi-Family Retrofit         39         120         2,207         5           Commercial & Industrial         280         6,609         85,796         1,607           6. C&I New Construction         160         869         11,167         166           C&I New Construction         160         869         11,167         166           7. C&I Retrofit         120         5,741         74,629         1,442           C&I Direct Install         41         3,900         50,698         998           C&I Direct Install         8,900         7,955         99,121         1,782           Residential Install         8,900         7,955         99,121         1,782           Residential Wolle House         204         126         1,432         17           Residential New Construction & Major Renovation         40         45         490         4           Residential Multi-Family Retrofit         55         37         358         3           Residential Behavior/Feedback Program         -         -         -         -           Residential Products         8,220         877         7,284         113           Residential Cooling & Heating Equipment         159         25	Low-Income New Construction	13	18	233	1
Commercial & Industrial         280         6,609         85,796         1,607           6. C&I New Construction         160         869         11,167         166           C&I New Construction         160         869         11,167         166           C&I New Construction         120         5,741         74,629         1,442           C&I Retrofit         41         3,900         50,698         998           C&I Direct Install         79         1,841         23,930         443           2015         8,900         7,955         99,121         1,782           Residential         8,900         7,955         99,121         1,782           Residential Whole House         204         126         1,432         17           Residential New Construction & Major Renovation         40         45         490         4           Residential New Construction & Major Renovation         40         45         490         4           Residential New Construction         55         37         358         3           Residential Behavior/Feedback Program         -         -         -         -           Residential Products         8,220         877         7,284         13 <td>Low-Income Single Family Retrofit</td> <td>124</td> <td>96</td> <td>877</td> <td>10</td>	Low-Income Single Family Retrofit	124	96	877	10
6. C&I New Construction         160         869         11,167         166           C&I New Construction         160         869         11,167         166           7. C&I Retrofit         120         5,741         74,629         1,442           C&I Retrofit         41         3,900         50,698         998           C&I Direct Install         79         1,841         23,930         443           2015         8,900         7,955         99,121         1,782           Planned         8,900         7,955         99,121         1,782           Residential         8,200         7,955         99,121         1,782           Residential Whole House         204         126         1,432         17           Residential New Construction & Major Renovation         40         45         490         4           Residential Multi-Family Retrofit         55         37         358         3           Residential Behavior/Feedback Program         -         -         -         -         -           Residential Edwalid Equipment         159         25         359         8           Residential Cooling & Heating Equipment         159         25         359         8 </td <td>Low-Income Multi-Family Retrofit</td> <td>39</td> <td>120</td> <td>2,207</td> <td>5</td>	Low-Income Multi-Family Retrofit	39	120	2,207	5
C&I New Construction         160         869         11,167         166           7. C&I Retrofit         120         5,741         74,629         1,442           C&I Netrofit         41         3,900         50,698         998           C&I Direct Install         79         1,841         23,930         498           2015         201         2,900         7,955         99,121         1,782           Planned         8,900         7,955         99,121         1,782           Residential         8,204         1,003         8,716         130           1. Residential Whole House         204         126         1,432         17           Residential New Construction & Major Renovation         40         45         490         4           Residential Home Energy Services         109         45         584         11           Residential Behavior/Feedback Program         -	Commercial & Industrial	280	6,609	85,796	1,607
7. C&I Retrofit         120         5,741         74,629         1,442           C&I Retrofit         41         3,900         50,698         998           C&I Direct Install         79         1,841         23,930         443           2015         1,841         23,930         443           2016         8,900         7,955         99,121         1,782           Residential         8,424         1,003         8,716         130           1. Residential Whole House         204         126         1,432         17           Residential New Construction & Major Renovation         40         45         490         4           Residential Multi-Family Retrofit         55         37         358         33           Residential Home Energy Services         109         45         584         11           Residential Products         8,220         877         7,284         113           Residential Designe Heating Equipment         159         25         359         8           Residential Lighting         5,811         723         5,721         78           Residential Coonsumer Products         2,230         129         1,204         27           Low-Inc	6. C&I New Construction	160	869	11,167	166
C&I Retrofit         41         3,900         50,698         998           C&I Direct Install         79         1,841         23,930         443           2015         Planned         8,900         7,955         99,121         1,782           Residential         8,244         1,003         8,716         130           1. Residential Whole House         204         126         1,432         17           Residential New Construction & Major Renovation         40         45         490         4           Residential Home Energy Services         109         45         584         11           Residential Home Energy Services         109         45         584         11           Residential Products         8,220         877         7,284         113           Residential Products         8,220         877         7,284         113           Residential Lighting         5,831         723         5,721         78           Residential Consumer Products         2,230         129         1,204         27           Low-Income Whole House         182         232         3,233         17           Low-Income New Construction         14         20         249	C&I New Construction	160	869	11,167	166
C&I Direct Install         79         1,841         23,930         443           2015           Planned         8,900         7,955         99,121         1,782           Residential         8,424         1,003         8,716         130           1. Residential Whole House         204         126         1,432         17           Residential New Construction & Major Renovation         40         45         490         4           Residential Multi-Family Retrofit         55         37         358         3           Residential Home Energy Services         109         45         584         11           Residential Behavior/Feedback Program         - </td <td>7. C&amp;I Retrofit</td> <td>120</td> <td>5,741</td> <td>74,629</td> <td>1,442</td>	7. C&I Retrofit	120	5,741	74,629	1,442
Planned         8,900         7,955         99,121         1,782           Residential         8,424         1,003         8,716         130           1. Residential Whole House         204         126         1,432         17           Residential Nulti-Family Retrofit         55         37         358         3           Residential Multi-Family Retrofit         55         37         358         3           Residential Home Energy Services         109         45         584         11           Residential Behavior/Feedback Program         -	C&I Retrofit	41	3,900	50,698	998
Planned         8,900         7,955         99,121         1,782           Residential         8,424         1,003         8,716         130           1. Residential Whole House         204         126         1,432         17           Residential New Construction & Major Renovation         40         45         490         4           Residential Multi-Family Retrofit         55         37         358         3           Residential Home Energy Services         109         45         584         11           Residential Behavior/Feedback Program         -         <	C&I Direct Install	79	1,841	23,930	443
Residential         8,424         1,003         8,716         130           1. Residential Whole House         204         126         1,432         17           Residential New Construction & Major Renovation         40         45         490         4           Residential Multi-Family Retrofit         55         37         358         3           Residential Home Energy Services         109         45         584         11           Residential Behavior/Feedback Program         -	2015				
1. Residential Whole House       204       126       1,432       17         Residential New Construction & Major Renovation       40       45       490       4         Residential Multi-Family Retrofit       55       37       358       3         Residential Home Energy Services       109       45       584       11         Residential Behavior/Feedback Program       -       -       -       -         2. Residential Products       8,220       877       7,284       113         Residential Cooling & Heating Equipment       159       25       359       8         Residential Lighting       5,831       723       5,721       78         Residential Consumer Products       2,230       129       1,204       27         Low-Income       182       232       3,323       17         4. Low-Income Whole House       182       232       3,323       17         Low-Income New Construction       14       20       249       1         Low-Income Multi-Family Retrofit       39       119       2,201       6         Commercial & Industrial       294       6,720       87,082       1,635         6. C&I New Construction       171       901 <td>Planned</td> <td>8,900</td> <td>7,955</td> <td>99,121</td> <td>1,782</td>	Planned	8,900	7,955	99,121	1,782
Residential New Construction & Major Renovation       40       45       490       4         Residential Multi-Family Retrofit       55       37       358       3         Residential Home Energy Services       109       45       584       11         Residential Behavior/Feedback Program       -       -       -       -         2. Residential Products       8,220       877       7,284       113         Residential Cooling & Heating Equipment       159       25       359       8         Residential Lighting       5,831       723       5,721       78         Residential Consumer Products       2,230       129       1,204       27         Low-Income       182       232       3,323       17         4. Low-Income Whole House       182       232       3,323       17         Low-Income New Construction       14       20       249       1         Low-Income Multi-Family Retrofit       129       94       873       10         Commercial & Industrial       294       6,720       87,082       1,635         6. C&I New Construction       171       901       11,439       175         7. C&I Retrofit       123       5,819	Residential	8,424	1,003	8,716	130
Residential Multi-Family Retrofit       55       37       358       3         Residential Home Energy Services       109       45       584       11         Residential Behavior/Feedback Program       -       -       -       -         2. Residential Products       8,220       877       7,284       113         Residential Cooling & Heating Equipment       159       25       359       8         Residential Lighting       5,831       723       5,721       78         Residential Consumer Products       2,230       129       1,204       27         Low-Income       182       232       3,323       17         4. Low-Income Whole House       182       232       3,323       17         Low-Income New Construction       14       20       249       1         Low-Income Single Family Retrofit       129       94       873       10         Low-Income Multi-Family Retrofit       39       119       2,201       6         Commercial & Industrial       294       6,720       87,082       1,635         6. C&I New Construction       171       901       11,439       175         7. C&I Retrofit       41       3,903       50,735<	1. Residential Whole House	204	126	1,432	17
Residential Home Energy Services       109       45       584       11         Residential Behavior/Feedback Program       -        -       -       -       -       -       -       -       -       -       -       -       -       -       -       -        -       -       -       -       -       -       -       -       -       -       -       -       -       -       -        -       -       -       -       -       -       -       -       -       -       - <th< td=""><td>Residential New Construction &amp; Major Renovation</td><td>40</td><td>45</td><td>490</td><td>4</td></th<>	Residential New Construction & Major Renovation	40	45	490	4
Residential Behavior/Feedback Program       -        -       -       -       -       -       -       -       -       -       -       -       -       -       -       -        -       -       -       -       -       -       -       -       -       -       -       -       -       -       -        -       -       -       -       -       -       -       -       -       -       -       -       -       -       -        -       -       -       -       -       -       -       - </td <td>Residential Multi-Family Retrofit</td> <td>55</td> <td>37</td> <td>358</td> <td>3</td>	Residential Multi-Family Retrofit	55	37	358	3
2. Residential Products       8,220       877       7,284       113         Residential Cooling & Heating Equipment       159       25       359       8         Residential Lighting       5,831       723       5,721       78         Residential Consumer Products       2,230       129       1,204       27         Low-Income       182       232       3,323       17         4. Low-Income Whole House       182       232       3,323       17         Low-Income New Construction       14       20       249       1         Low-Income Single Family Retrofit       129       94       873       10         Low-Income Multi-Family Retrofit       39       119       2,201       6         Commercial & Industrial       294       6,720       87,082       1,635         6. C&I New Construction       171       901       11,439       175         7. C&I Retrofit       123       5,819       75,643       1,460         C&I Retrofit       41       3,903       50,735       999	Residential Home Energy Services	109	45	584	11
Residential Cooling & Heating Equipment       159       25       359       8         Residential Lighting       5,831       723       5,721       78         Residential Consumer Products       2,230       129       1,204       27         Low-Income       182       232       3,323       17         4. Low-Income Whole House       182       232       3,323       17         Low-Income New Construction       14       20       249       1         Low-Income Single Family Retrofit       129       94       873       10         Low-Income Multi-Family Retrofit       39       119       2,201       6         Commercial & Industrial       294       6,720       87,082       1,635         6. C&I New Construction       171       901       11,439       175         7. C&I Retrofit       123       5,819       75,643       1,460         C&I Retrofit       41       3,903       50,735       999	Residential Behavior/Feedback Program	-	-	-	-
Residential Lighting       5,831       723       5,721       78         Residential Consumer Products       2,230       129       1,204       27         Low-Income       182       232       3,323       17         4. Low-Income Whole House       182       232       3,323       17         Low-Income New Construction       14       20       249       1         Low-Income Single Family Retrofit       129       94       873       10         Low-Income Multi-Family Retrofit       39       119       2,201       6         Commercial & Industrial       294       6,720       87,082       1,635         6. C&I New Construction       171       901       11,439       175         C&I New Construction       171       901       11,439       175         7. C&I Retrofit       123       5,819       75,643       1,460         C&I Retrofit       41       3,903       50,735       999	2. Residential Products	8,220	877	7,284	113
Residential Consumer Products         2,230         129         1,204         27           Low-Income         182         232         3,323         17           4. Low-Income Whole House         182         232         3,323         17           Low-Income New Construction         14         20         249         1           Low-Income Single Family Retrofit         129         94         873         10           Low-Income Multi-Family Retrofit         39         119         2,201         6           Commercial & Industrial         294         6,720         87,082         1,635           6. C&I New Construction         171         901         11,439         175           C&I New Construction         171         901         11,439         175           7. C&I Retrofit         123         5,819         75,643         1,460           C&I Retrofit         41         3,903         50,735         999	Residential Cooling & Heating Equipment	159	25	359	8
Low-Income         182         232         3,323         17           4. Low-Income Whole House         182         232         3,323         17           Low-Income New Construction         14         20         249         1           Low-Income Single Family Retrofit         129         94         873         10           Low-Income Multi-Family Retrofit         39         119         2,201         6           Commercial & Industrial         294         6,720         87,082         1,635           6. C&I New Construction         171         901         11,439         175           C&I New Construction         171         901         11,439         175           7. C&I Retrofit         123         5,819         75,643         1,460           C&I Retrofit         41         3,903         50,735         999	Residential Lighting	5,831	723	5,721	78
4. Low-Income Whole House       182       232       3,323       17         Low-Income New Construction       14       20       249       1         Low-Income Single Family Retrofit       129       94       873       10         Low-Income Multi-Family Retrofit       39       119       2,201       6         Commercial & Industrial       294       6,720       87,082       1,635         6. C&I New Construction       171       901       11,439       175         C&I New Construction       171       901       11,439       175         7. C&I Retrofit       123       5,819       75,643       1,460         C&I Retrofit       41       3,903       50,735       999	Residential Consumer Products	2,230	129	1,204	27
Low-Income New Construction       14       20       249       1         Low-Income Single Family Retrofit       129       94       873       10         Low-Income Multi-Family Retrofit       39       119       2,201       6         Commercial & Industrial       294       6,720       87,082       1,635         6. C&I New Construction       171       901       11,439       175         C&I New Construction       171       901       11,439       175         7. C&I Retrofit       123       5,819       75,643       1,460         C&I Retrofit       41       3,903       50,735       999	Low-Income	182	232	3,323	17
Low-Income Single Family Retrofit       129       94       873       10         Low-Income Multi-Family Retrofit       39       119       2,201       6         Commercial & Industrial       294       6,720       87,082       1,635         6. C&I New Construction       171       901       11,439       175         C&I New Construction       171       901       11,439       175         7. C&I Retrofit       123       5,819       75,643       1,460         C&I Retrofit       41       3,903       50,735       999	4. Low-Income Whole House	182	232	3,323	17
Low-Income Multi-Family Retrofit       39       119       2,201       6         Commercial & Industrial       294       6,720       87,082       1,635         6. C&I New Construction       171       901       11,439       175         C&I New Construction       171       901       11,439       175         7. C&I Retrofit       123       5,819       75,643       1,460         C&I Retrofit       41       3,903       50,735       999	Low-Income New Construction	14	20	249	1
Commercial & Industrial         294         6,720         87,082         1,635           6. C&I New Construction         171         901         11,439         175           C&I New Construction         171         901         11,439         175           7. C&I Retrofit         123         5,819         75,643         1,460           C&I Retrofit         41         3,903         50,735         999	Low-Income Single Family Retrofit	129	94	873	10
6. C&I New Construction       171       901       11,439       175         C&I New Construction       171       901       11,439       175         7. C&I Retrofit       123       5,819       75,643       1,460         C&I Retrofit       41       3,903       50,735       999	Low-Income Multi-Family Retrofit	39	119	2,201	6
C&I New Construction       171       901       11,439       175         7. C&I Retrofit       123       5,819       75,643       1,460         C&I Retrofit       41       3,903       50,735       999	Commercial & Industrial	294	6,720	87,082	1,635
7. C&I Retrofit       123       5,819       75,643       1,460         C&I Retrofit       41       3,903       50,735       999	6. C&I New Construction	171	901	11,439	175
C&I Retrofit 41 3,903 50,735 999	C&I New Construction	171	901	11,439	175
-,	7. C&I Retrofit	123	5,819	75,643	1,460
C&I Direct Install 82 1,916 24,908 461	C&I Retrofit	41	3,903	50,735	999
	C&I Direct Install	82	1,916	24,908	461

### 2013 Plan-Year Report - Electric Division

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#### Savings for the Three-Year Term

Savings Table 4

	Sum of Participants	Sum of Energy (Annual MWh)	Sum of Energy (Lifetime MWh)	Sum of Summer Capacity (kW)
Savings for the Three-Year Term: Year 1 Evaluated + Year 2 Pla	n + Year 3 Plan			
Total	28,182	24,143	312,167	6,078
Residential	26,710	3,792	34,716	523
1. Residential Whole House	819	688	9,619	115
Residential New Construction & Major Renovation	180	274	5,324	43
Residential Multi-Family Retrofit	198	146	1,334	12
Residential Home Energy Services	441	268	2,961	60
Residential Behavior/Feedback Program	-	-	-	-
2. Residential Products	25,891	3,103	25,097	408
Residential Cooling & Heating Equipment	441	152	2,134	31
Residential Lighting	19,760	2,479	19,140	291
Residential Consumer Products	5,690	472	3,823	86
Low-Income	694	742	9,326	64
4. Low-Income Whole House	694	742	9,326	64
Low-Income New Construction	27	38	482	3
Low-Income Single Family Retrofit	382	305	2,793	43
Low-Income Multi-Family Retrofit	285	399	6,050	18
Commercial & Industrial	778	19,610	268,125	5,490
6. C&I New Construction	458	2,778	33,737	539
C&I New Construction	458	2,778	33,737	539
7. C&I Retrofit	320	16,832	234,388	4,951
C&I Retrofit	92	11,451	164,446	3,687
C&I Direct Install	228	5,381	69,942	1,264

# Significant Lifetime Savings Variances: Planned v Preliminary Page 11 of 45

Savings Table 5

Sum of Energy (Lifetime MWh)					
		Planned		Planned Total	Preliminary
	2013	2014	2015		2013
Residential	9,174	9,412	8,716	27,303	16,303
1. Residential Whole House	2,027	1,481	1,432	4,940	6,601
Residential New Construction & Major Renovation	618	496	490	1,603	4,339
Residential Multi-Family Retrofit	781	366	358	1,505	740
Residential Home Energy Services	628	619	584	1,831	1,522
Residential Behavior/Feedback Program	-	-	-	-	-
2. Residential Products	7,147	7,931	7,284	22,363	9,702
Residential Cooling & Heating Equipment	436	455	359	1,250	1,294
Residential Lighting	5,170	6,272	5,721	17,163	6,993
Residential Consumer Products	1,541	1,204	1,204	3,950	1,415
Low-Income	3,301	3,317	3,323	9,941	2,699
4. Low-Income Whole House	3,301	3,317	3,323	9,941	2,699
Low-Income New Construction	247	233	249	729	-
Low-Income Single Family Retrofit	864	877	873	2,614	975
Low-Income Multi-Family Retrofit	2,190	2,207	2,201	6,598	1,724
Commercial & Industrial	84,170	85,796	87,082	257,048	93,229
6. C&I New Construction	10,673	11,167	11,439	33,279	10,365
C&I New Construction	10,673	11,167	11,439	33,279	10,365
7. C&I Retrofit	73,498	74,629	75,643	223,769	82,863
C&I Retrofit	50,550	50,698	50,735	151,983	61,746
C&I Direct Install	22,948	23,930	24,908	71,786	21,118
Grand Total	96,645	98,526	99,121	294,292	112,231

Planned v Preliminary Savings Variances	Planned Three-Yea	r Goal Cumulative by Year	Achievement	Actual Plan-Year Three-Year Goal Cumulative	Difference in Plan-Year Three-Year Goal Cumulative
	2013	2014	2015	Achievement	Achievement
Residential	34%	68%	100%	60%	78%
1. Residential Whole House	41%	71%	100%	134%	226%
Residential New Construction & Major Renovation	39%	69%	100%	271%	602%
Residential Multi-Family Retrofit	52%	76%	100%	49%	-5%
Residential Home Energy Services	34%	68%	100%	83%	142%
Residential Behavior/Feedback Program	0%	0%	0%	0%	0%
2. Residential Products	32%	67%	100%	43%	36%
Residential Cooling & Heating Equipment	35%	71%	100%	104%	197%
Residential Lighting	30%	67%	100%	41%	35%
Residential Consumer Products	39%	70%	100%	36%	-8%
Low-Income	33%	67%	100%	27%	-18%
4. Low-Income Whole House	33%	67%	100%	27%	-18%
Low-Income New Construction	34%	66%	100%	0%	-100%
Low-Income Single Family Retrofit	33%	67%	100%	37%	13%
Low-Income Multi-Family Retrofit	33%	67%	100%	26%	-21%
Commercial & Industrial	33%	66%	100%	36%	11%
6. C&I New Construction	32%	66%	100%	31%	-3%
C&I New Construction	32%	66%	100%	31%	-3%
7. C&I Retrofit	33%	66%	100%	37%	13%
C&I Retrofit	33%	67%	100%	41%	22%
C&I Direct Install	32%	65%	100%	29%	-8%
Grand Total	33%	66%	100%	38%	16%

<sup>-</sup> Plan-year core initiative significant variance explanations are required for: (2) variances between planned and preliminary core initiative total lifetime savings showing a decrease of 15 percent or greater. See Appendix 1 for more information.

<sup>-</sup> Variances are calculated by percent of three-year goal (i.e., variance calculated as the percentage difference between the percentage of the Three-Year Plan goals planned to be achieved through the Plan-Year Report year compared to the percentage of the Three-Year Plan goals actually achieved through the Plan-Year Report year).

#### Planned v Preliminary Benefits (2013\$): Plan-Year Analysis Plan-Year Report - Electric Division Page 12 of 45

Benefits Table 1

Date of Filing 6/20/2014 Distribution Company Electric Program Administrator Unitil 2013 Year

	En	um of Total ergy Benefits		Capacity Benefits	(	Sum of Total Gas Benefits	Ot	um of Total her Resource Benefits		um of Total Resource Benefits	No	um of Total on Resource Benefits		um of Total Benefits	Be Pa	Resource enefits per articipant
Planned	\$	10,226,595		7,092,073		297,155		1,170,222		18,786,045		2,541,461		21,327,506		2,375
Residential	\$	982,530		373,821		•				2,265,349	-	1,274,760			\$	304
1. Residential Whole House	\$	214,151		92,689		201,615	-	713,888		1,222,343	-	1,204,009	-	2,426,352	-	6,051
Residential New Construction & Major Renovation	\$	66,943	\$	7,868	-	201,615		-	\$	276,427		209,774		486,201	-	6,911
Residential Multi-Family Retrofit	\$	81,439	\$	11,644	\$	-	\$	-	\$	,	\$	271,529		364,611		1,692
Residential Home Energy Services	\$	65,769	\$	73,177	-	-	\$	713,888	\$	852,834	\$	722,707		1,575,541	-	7,970
Residential Behavior/Feedback Program	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2. Residential Products	\$	768,379	\$	281,131	-	(6,505)		-	\$	1,043,005	\$	70,751		, -,	\$	144
Residential Cooling & Heating Equipment	\$	47,923	\$	37,015	\$	(6,505)	-	-	\$	78,433	\$	34,031		112,464	\$	519
Residential Lighting	\$	552,429	\$	158,095	\$	-	\$	-	\$	710,524	-	36,720		747,244	-	146
Residential Consumer Products	\$	168,027	\$	86,022		-	\$	-	\$	254,048	\$	-	\$	254,048	\$	114
Low-Income	\$	343,941	\$	56,071		102,751		456,335	\$	959,097	\$	296,292	-	1,255,389	\$	5,21
4. Low-Income Whole House	\$	343,941	\$	56,071	\$		-	456,335	\$	959,097	\$	296,292	\$	1,255,389	\$	5,21
Low-Income New Construction	\$	26,796	\$	2,913	\$	102,751	\$	-	\$	132,459	\$	114,652	\$	247,111	\$	7,79
Low-Income Single Family Retrofit	\$	89,851	\$	32,872	\$	-	\$	456,335	\$	579,057	\$	113,362	\$	692,419	\$	4,52
Low-Income Multi-Family Retrofit	\$	227,295	\$	20,285	\$	-	\$	-	\$	247,580	\$	68,278	\$	315,858	\$	6,34
Commercial & Industrial	\$	8,900,124	\$	6,662,182	\$	(706)	\$	-	\$	15,561,600	\$	970,409	\$	16,532,009	\$	58,28
6. C&I New Construction	\$	1,098,799	\$	601,867	\$	(697)	\$	-	\$	1,699,970	\$	-	\$	1,699,970	\$	11,33
C&I New Construction	\$	1,098,799	\$	601,867	\$	(697)	\$	-	\$	1,699,970	\$	-	\$	1,699,970	\$	11,33
7. C&I Retrofit	\$	7,801,325	\$	6,060,315	\$	(10)	\$	-	\$	13,861,630	\$	970,409	\$	14,832,039	\$	118,47
C&I Retrofit	\$	5,375,132	\$	4,246,977	\$	(1)	\$	-	\$	9,622,108	\$	383,175	\$	10,005,284	\$	234,680
C&I Direct Install	\$	2,426,193	\$	1,813,338	\$	(9)	\$	-	\$	4,239,522	\$	587,234	\$	4,826,756	\$	55,78
Preliminary	\$	11,690,204	\$	13,609,632	\$	97,292	\$	2,700,306	\$	28,097,435	\$	4,417,062	\$	32,514,497	\$	2,62
Residential	\$	1,721,748	\$	777,923	\$	96,738	\$	2,058,825	\$	4,655,234	\$	2,172,656	\$	6,827,891	\$	45
1. Residential Whole House	\$	684,275	\$	444,298	\$	98,562	\$	2,058,825	\$	3,285,959	\$	2,090,418	\$	5,376,377	\$	8,15
Residential New Construction & Major Renovation	\$	445,752	\$	266,168	\$	83,787	\$	-	\$	795,707	\$	411,103	\$	1,206,810	\$	8,55
Residential Multi-Family Retrofit	\$	78,922	\$	9,493	\$	-	\$	-	\$	88,415	\$	1,514	\$	89,928	\$	1,00
Residential Home Energy Services	\$	159,601	\$	168,637	\$	14,775	\$	2,058,825	\$	2,401,838	\$	1,677,802	\$	4,079,640	\$	10,81
Residential Behavior/Feedback Program	\$	-	\$	· -	\$	-	\$	· · ·	\$		\$	-	\$	-	\$	-
2. Residential Products	\$	1,037,474	\$	333,625	\$	(1,824)	\$	-	\$	1,369,275	\$	82,238	\$	1,451,513	\$	14
Residential Cooling & Heating Equipment	Ś	137,809	Ś	54,801	Ś	(1,824)	-	_	Ś	190,786	Ś	21,706	Ś	212,492	-	1,55
Residential Lighting	s s	745,873	Ś	,	Ś	-	Ś	_	Ś	963,232	Ś	60,532		1,023,764		11
Residential Consumer Products	s s	153,792	Ś	,	-	_	Ś	_	Ś	215,257	Ś	-	Ś	215,257	-	17
Low-Income	Ś	286.788		53,814		936	Ś	641,482		983,019		474,343		1,457,362		2.92
4. Low-Income Whole House	Ś	286,788	\$	53,814	-		Ś	641,482	•	983,019	\$	474,343	-	1,457,362	-	2,92
Low-Income New Construction	Ś		\$	-	Ś	-	Ś	-	\$	-	Ś	-	\$	-,,	\$	-,
Low-Income Single Family Retrofit	\$	102.867	\$	27.962		936	Ś	641.482		773.247	\$	223.031		996.278	-	5.99
Low-Income Multi-Family Retrofit	\$	183.921	Ś	25.852		-	Ś		\$	209.772		251.312		461.084	\$	1.01
Commercial & Industrial	\$	9,681,667		12,777,896		(382)		_	\$	22,459,181		1,770,063		24,229,244		110,09
6. C&I New Construction	Ś	1,088,199	Ś			(372)	-	_	\$	1,882,516		193,585	-	2,076,102	-	14,82
C&I New Construction	\$	1,088,199	•	794,689		(372)	-	_	Ś	1,882,516	-	193,585		2,076,102	-	14,82
7. C&I Retrofit	, \$	8.593.468	ب \$	11,983,207		(10)	-		ب \$	20,576,665	-	1,576,478		22,153,142		267,22
C&I Retrofit	ş S	6,360,696		10,471,319	\$	(0)	•	-	ş S	16,832,014		1,041,652			-	1,683,20
C&I Direct Install	\$ \$	2,232,772		1,511,888		(10)	-	-	\$	3,744,651	-	534,825		4,279,476		55,89
CAI DII ECL IIISLAII	Ş	2,232,112	Ş	1,311,688	Ş	(10)	Ş	-	Ş	3,744,051	Ş	554,625	Ş	4,2/9,4/6	Ş	55,89

		Sum of Total		Sum of Total	Sum of Total	Sum of Total		Resource
Planned v Preliminary Variances: (Prelim - Plan) / Plan	Sum of Total	Capacity	Sum of Total	Other Resource	Resource	Non Resource	Sum of Total	Benefits per
	Energy Benefits	Benefits	Gas Benefits	Benefits	Benefits	Benefits	Benefits	Participant
Total Annual Variance	14%	92%	-67%	131%	50%	74%	52%	11%
Residential	75%	108%	-50%	188%	105%	70%	93%	51%
1. Residential Whole House	220%	379%	-51%	188%	169%	74%	122%	35%
Residential New Construction & Major Renovation	566%	3283%	-58%	0%	188%	96%	148%	24%
Residential Multi-Family Retrofit	-3%	-18%	0%	0%	-5%	-99%	-75%	-41%
Residential Home Energy Services	143%	130%	0%	188%	182%	132%	159%	36%
Residential Behavior/Feedback Program	0%	0%	0%	0%	0%	0%	0%	0%
2. Residential Products	35%	19%	-72%	0%	31%	16%	30%	-2%
Residential Cooling & Heating Equipment	188%	48%	-72%	0%	143%	-36%	89%	199%
Residential Lighting	35%	37%	0%	0%	36%	65%	37%	-21%
Residential Consumer Products	-8%	-29%	0%	0%	-15%	0%	-15%	54%
Low-Income	-17%	-4%	-99%	41%	2%	60%	16%	-44%
4. Low-Income Whole House	-17%	-4%	-99%	41%	2%	60%	16%	-44%
Low-Income New Construction	-100%	-100%	-100%	0%	-100%	-100%	-100%	-100%
Low-Income Single Family Retrofit	14%	-15%	0%	41%	34%	97%	44%	33%
Low-Income Multi-Family Retrofit	-19%	27%	0%	0%	-15%	268%	46%	-84%
Commercial & Industrial	9%	92%	-46%	0%	44%	82%	47%	89%
6. C&I New Construction	-1%	32%	-47%	0%	11%	0%	22%	31%
C&I New Construction	-1%	32%	-47%	0%	11%	0%	22%	31%
7. C&I Retrofit	10%	98%	1%	0%	48%	62%	49%	126%
C&I Retrofit	18%	147%	-65%	0%	75%	172%	79%	617%
C&I Direct Install	-8%	-17%	8%	0%	-12%	-9%	-11%	0%

The Plan-Year variances provided above are intended to indicate the Program Administrator's performance in the Plan-Year only. The variances used to determine significant variances are provided later in this report. The variances above and the significant variances use different calculations to determine variances on an annual basis and over the three-year term, respectively.

#### Planned v Evaluated Benefits (2013\$): Plan-Year Analysis Plan-Year Report - Electric Division Page 13 of 45

Date of Filing 6/20/2014 Distribution Company Electric Program Administrator Unitil 2013 Year

		S	um of Total			S	um of Total	S	um of Total	Sı	ım of Total			ı	Resource
	um of Total		Capacity		Sum of Total	Ot	her Resource		Resource		n Resource	S	um of Total		enefits per
	ergy Benefits		Benefits		Gas Benefits		Benefits		Benefits		Benefits		Benefits		articipant
Planned	\$ 10,226,595		7,092,073	•	297,155		1,170,222		18,786,045	_	2,541,461		21,327,506		2,375
Residential	\$ 982,530	\$	373,821		195,111		713,888		2,265,349		1,274,760		3,540,108		304
1. Residential Whole House	\$ 214,151		92,689	\$	201,615			\$	1,222,343		1,204,009	-	2,426,352		6,051
Residential New Construction & Major Renovation	\$ 66,943	\$	7,868	\$	201,615		-	\$	276,427		209,774		486,201		6,911
Residential Multi-Family Retrofit	\$ 81,439	\$	11,644	\$	-	\$	-	\$	,	\$	271,529	\$	364,611		1,692
Residential Home Energy Services	\$ 65,769	\$	73,177	\$	-	\$	713,888	\$	•	\$	722,707	\$	1,575,541		7,970
Residential Behavior/Feedback Program	\$ 	\$	-	\$	- ()	\$	-	\$	-	\$		\$	-	\$	-
2. Residential Products	\$ 768,379	\$	281,131	\$	(6,505)		-	\$	1,043,005	\$	70,751	\$	1,113,756	-	144
Residential Cooling & Heating Equipment	\$ 47,923	\$		\$	(6,505)		-	\$	78,433		34,031		112,464	\$	519
Residential Lighting	\$ 552,429	\$		\$	-	\$	-	\$	710,524		36,720	-	747,244		146
Residential Consumer Products	\$ 168,027		86,022			\$	-	\$	254,048		-	\$	254,048		114
Low-Income	\$ 343,941		56,071		102,751		456,335	\$	959,097	-	296,292	\$	1,255,389		5,212
4. Low-Income Whole House	\$ 343,941	-	56,071		102,751	-	456,335	\$	959,097		296,292	-	1,255,389	-	5,212
Low-Income New Construction	\$ 26,796		2,913		102,751		-	\$	,	\$	114,652		247,111		7,792
Low-Income Single Family Retrofit	\$ 89,851		32,872		-	\$	456,335	\$	579,057		113,362	-	692,419		4,524
Low-Income Multi-Family Retrofit	\$ 227,295		-,	\$	· .	\$	-	\$	247,580		68,278		315,858		6,348
Commercial & Industrial	\$ 8,900,124		6,662,182		(706)		-	\$	15,561,600	-	•	\$	16,532,009	-	58,283
6. C&I New Construction	\$ 1,098,799	\$	601,867		(697)		-	\$	1,699,970		-	\$	1,699,970		11,333
C&I New Construction	\$ 1,098,799		601,867		(697)		-	\$	1,699,970		-	\$	1,699,970		11,333
7. C&I Retrofit	\$ 7,801,325		6,060,315		(10)		-	\$	13,861,630			\$	14,832,039		118,475
C&I Retrofit	\$ 5,375,132		4,246,977	\$	(1)		-	\$	9,622,108		383,175	-	-,,		234,686
C&I Direct Install	\$ 2,426,193		1,813,338	\$	(9)			\$	4,239,522		587,234		4,826,756		55,783
Evaluated	\$ 13,425,444	\$	15,234,759	\$	97,348		, .,	\$	31,536,988		4,495,376		36,032,364	-	2,946
Residential	\$ 1,799,437		881,646	-	96,738		2,137,954		4,915,775		2,261,590	-	7,177,365		484
1. Residential Whole House	\$ 701,359	\$	469,946	\$	98,562		2,137,954		3,407,821	-	2,194,764		5,602,584	-	8,456
Residential New Construction & Major Renovation	\$ 446,035	\$	,	\$	83,787		-	\$	796,301		411,103		1,207,403		8,562
Residential Multi-Family Retrofit	\$ 65,338	\$		\$	-	\$	- 2 427 054	\$	76,304		1,514	-	77,818		867
Residential Home Energy Services	\$ 189,986		192,500	\$	14,775	\$	2,137,954	\$	2,535,216	\$	1,782,148	\$	4,317,363		11,420
Residential Behavior/Feedback Program	\$ -	\$	-	\$		\$	-	\$	-	\$	-	\$	-	\$	-
2. Residential Products	\$ 1,098,078	\$	411,701	\$	(1,824)		-	\$	1,507,955	-	66,826	\$	1,574,781		154
Residential Cooling & Heating Equipment	\$ 135,870		75,352		(1,824)		-	\$	209,398		6,294		215,692		1,702
Residential Lighting	\$ 808,417	\$	274,883	\$	-	\$	-	\$	1,083,300		60,532	-	1,143,832		129
Residential Consumer Products	\$ 153,792		61,465	\$	-	\$	-	\$	215,257		-	\$	215,257		175
Low-Income	\$ 288,649	\$	117,844	\$	936	\$	641,482	\$	1,048,911		474,169	\$	1,523,080		3,122
4. Low-Income Whole House	\$ 288,649	\$	117,844	\$	936		641,482		1,048,911		474,169	\$	1,523,080	-	3,122
Low-Income New Construction	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Low-Income Single Family Retrofit	\$ 113,384	\$	93,533	\$	936	\$	641,482	\$	849,334	\$	224,564	\$	1,073,898		6,584
Low-Income Multi-Family Retrofit	\$ 175,265	\$	24,312			\$	-	\$	199,577		249,605		449,182		964
Commercial & Industrial	\$ 11,337,358	\$	14,235,269	\$	(326)		-	\$	25,572,301		1,759,618	-	27,331,919		125,354
6. C&I New Construction	\$ 1,302,387		736,705		(316)		-	\$	2,038,776		185,358		2,224,135		16,053
C&I New Construction	\$ 1,302,387	\$	736,705	\$	(316)		-	\$	2,038,776		185,358		2,224,135		16,053
7. C&I Retrofit	\$ 10,034,971		13,498,564	\$	(10)		-	\$	23,533,525	-	1,574,259	-	25,107,784	-	305,630
C&I Retrofit	\$ 7,621,769	\$	11,966,076	\$	(0)		-	\$		\$		\$	20,629,497		1,958,785
C&I Direct Install	\$ 2,413,202	\$	1,532,488	\$	(10)	\$	-	\$	3,945,680	\$	532,607	\$	4,478,287	\$	58,891

		Sum of Total		Sum of Total	Sum of Total	Sum of Total		Resource
Planned v Evaluated Variances: (Eval - Plan) / Plan	Sum of Total Energy Benefits	Capacity Benefits	Sum of Total Gas Benefits	Other Resource Benefits	Resource Benefits	Non Resource Benefits	Sum of Total Benefits	Benefits per Participant
Total Annual Variance	31%	115%	-67%	138%	68%	77%	69%	24%
Residential	83%	136%	-50%	199%	117%	77%	103%	59%
1. Residential Whole House	228%	407%	-51%	199%	179%	82%	131%	40%
Residential New Construction & Major Renovation	566%	3287%	-58%	0%	188%	96%	148%	24%
Residential Multi-Family Retrofit	-20%	-6%	0%	0%	-18%	-99%	-79%	-49%
Residential Home Energy Services	189%	163%	0%	199%	197%	147%	174%	43%
Residential Behavior/Feedback Program	0%	0%	0%	0%	0%	0%	0%	0%
2. Residential Products	43%	46%	-72%	0%	45%	-6%	41%	7%
Residential Cooling & Heating Equipment	184%	104%	-72%	0%	167%	-82%	92%	228%
Residential Lighting	46%	74%	0%	0%	52%	65%	53%	-12%
Residential Consumer Products	-8%	-29%	0%	0%	-15%	0%	-15%	54%
Low-Income	-16%	110%	-99%	41%	9%	60%	21%	-40%
4. Low-Income Whole House	-16%	110%	-99%	41%	9%	60%	21%	-40%
Low-Income New Construction	-100%	-100%	-100%	0%	-100%	-100%	-100%	-100%
Low-Income Single Family Retrofit	26%	185%	0%	41%	47%	98%	55%	46%
Low-Income Multi-Family Retrofit	-23%	20%	0%	0%	-19%	266%	42%	-85%
Commercial & Industrial	27%	114%	-54%	0%	64%	81%	65%	115%
6. C&I New Construction	19%	22%	-55%	0%	20%	0%	31%	42%
C&I New Construction	19%	22%	-55%	0%	20%	0%	31%	42%
7. C&I Retrofit	29%	123%	1%	0%	70%	62%	69%	158%
C&I Retrofit	42%	182%	-72%	0%	104%	172%	106%	735%
C&I Direct Install	-1%	-15%	8%	0%	-7%	-9%	-7%	6%

The Plan-Year variances provided above are intended to indicate the Program Administrator's performance in the Plan-Year only. The variances used to determine significant variances are provided later in this report. The variances above and the significant variances use different calculations to determine variances on an annual basis and over the three-year term, respectively.

#### Preliminary v Evaluated Benefits (2013\$): Plan-Year Analysis Plan-Year Report - Electric Division Page 14 of 45

Date of Filing 6/20/2014 Distribution Company Electric Program Administrator Unitil 2013 Year

	En	um of Total ergy Benefits	S	um of Total Capacity Benefits		Sum of Total Gas Benefits		um of Total her Resource Benefits	S	oum of Total Resource Benefits		um of Total on Resource Benefits	s	um of Total Benefits	Ве	Resource enefits per articipant
Preliminary	\$	11,690,204	_	13,609,632	_	97,292		2,700,306	_	28,097,435	_	4,417,062		32,514,497		2,625
Residential	\$	1,721,748		777,923		96,738		2,058,825		4,655,234		2,172,656		6,827,891	-	458
1. Residential Whole House	\$	684,275		444,298		98,562		2,058,825		3,285,959	-	2,090,418		5,376,377	-	8,154
Residential New Construction & Major Renovation	\$	445,752		266,168		83,787		-	\$	795,707		411,103		1,206,810		8,556
Residential Multi-Family Retrofit	\$	78,922		9,493		-	\$	-	\$	88,415		1,514		89,928		1,005
Residential Home Energy Services	\$	159,601	\$	168,637		14,775	\$	2,058,825	\$	2,401,838	\$	1,677,802		4,079,640	\$	10,819
Residential Behavior/Feedback Program	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2. Residential Products	\$	1,037,474		333,625	-	(1,824)		-	\$	1,369,275	\$	82,238	\$	, - ,	\$	140
Residential Cooling & Heating Equipment	\$	137,809	\$	54,801		(1,824)		-	\$	190,786	\$	21,706		212,492		1,551
Residential Lighting	\$	745,873		,		-	\$	-	\$	963,232		60,532		1,023,764		115
Residential Consumer Products	\$	153,792		- ,		-	\$	-	\$	215,257		-	\$	215,257		175
Low-Income	\$	286,788	\$	53,814	\$	936	\$		•	983,019	\$	474,343	\$	1,457,362	\$	2,926
4. Low-Income Whole House	\$	286,788	\$	53,814	\$	936	\$	641,482	\$	983,019	\$	474,343		1,457,362	\$	2,926
Low-Income New Construction	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Low-Income Single Family Retrofit	\$	102,867	\$	27,962	\$	936	\$	641,482	\$	773,247	\$	223,031	\$	996,278	\$	5,994
Low-Income Multi-Family Retrofit	\$	183,921	\$	25,852	\$	-	\$	-	\$	209,772	\$	251,312	\$	461,084	\$	1,013
Commercial & Industrial	\$	9,681,667	\$	12,777,896	\$	(382)	\$	-	\$	22,459,181	\$	1,770,063	\$	24,229,244	\$	110,094
6. C&I New Construction	\$	1,088,199	\$	794,689	\$	(372)	\$	-	\$	1,882,516	\$	193,585	\$	2,076,102	\$	14,823
C&I New Construction	\$	1,088,199	\$	794,689	\$	(372)	\$	-	\$	1,882,516	\$	193,585	\$	2,076,102	\$	14,823
7. C&I Retrofit	\$	8,593,468	\$	11,983,207	\$	(10)	\$	-	\$	20,576,665	\$	1,576,478	\$	22,153,142	\$	267,229
C&I Retrofit	\$	6,360,696	\$	10,471,319	\$	(0)	\$	-	\$	16,832,014	\$	1,041,652	\$	17,873,666	\$	1,683,201
C&I Direct Install	\$	2,232,772	\$	1,511,888	\$	(10)	\$	-	\$	3,744,651	\$	534,825	\$	4,279,476	\$	55,890
Evaluated	\$	13,425,444	\$	15,234,759	\$	97,348	\$	2,779,436	\$	31,536,988	\$	4,495,376	\$	36,032,364	\$	2,946
Residential	\$	1,799,437	\$	881,646	\$	96,738	\$	2,137,954	\$	4,915,775	\$	2,261,590	\$	7,177,365	\$	484
1. Residential Whole House	\$	701,359	\$	469,946	\$	98,562	\$	2,137,954	\$	3,407,821	\$	2,194,764	\$	5,602,584	\$	8,456
Residential New Construction & Major Renovation	\$	446,035	\$	266,479	\$	83,787	\$	-	\$	796,301	\$	411,103	\$	1,207,403	\$	8,562
Residential Multi-Family Retrofit	\$	65,338	\$	10,967	\$	-	\$	-	\$	76,304	\$	1,514	\$	77,818	\$	867
Residential Home Energy Services	\$	189,986	\$	192,500	\$	14,775	\$	2,137,954	\$	2,535,216	\$	1,782,148	\$	4,317,363	\$	11,420
Residential Behavior/Feedback Program	Ś	· -	Ś	· -	Ś	-	Ś	-	\$	-	Ś	· · ·	Ś		Ś	-
2. Residential Products	Ś	1,098,078	\$	411,701	Ś	(1,824)	Ś	-	\$	1,507,955	Ś	66.826	Ś	1,574,781	Ś	154
Residential Cooling & Heating Equipment	\$	135,870		75,352		(1,824)		-	\$	209,398		6,294	Ś	215,692	-	1,702
Residential Lighting	Ś	808,417	\$	274,883		-	Ś	-	Ś	1,083,300	\$	60,532		1,143,832		129
Residential Consumer Products	Ś	153,792				_	Ś	_	Ś	215,257	-	-	Ś	215,257		175
Low-Income	Ś	288.649	Ś	117,844		936	Ś	641.482		1,048,911		474,169		1,523,080	Ś	3.122
4. Low-Income Whole House	Ś	288,649	\$	117,844	•	936	•	641,482		1,048,911		474,169		1,523,080	•	3,122
Low-Income New Construction	Ś		\$		\$	-	\$	0.1,.01	\$	-,0 .0,511	\$	., .,205	Ś	-,525,555	Ś	
Low-Income Single Family Retrofit	\$	113,384		93,533		936	\$	641,482		849,334	\$	224,564		1,073,898	\$	6,584
Low-Income Multi-Family Retrofit	\$	175,265	\$	24,312		-	\$	041,462	\$	199,577		249,605		449,182		964
Commercial & Industrial	Ś	11,337,358	\$	14,235,269	-	(326)	•	_	۰ \$	25,572,301		1,759,618	-	,	ب \$	125,354
6. C&I New Construction	Ś	1,302,387		736,705	-	(316)	•	-	\$	2,038,776		185,358		2,224,135	-	16,053
C&I New Construction	<b>.</b> \$	1,302,387	\$	736,705		(316)			\$			185,358		2,224,135		16,053
	\$ \$					, ,		-	\$ \$							
7. C&I Retrofit		10,034,971		13,498,564		(10)		-	\$	23,533,525		1,574,259		25,107,784		305,630
C&I Retrofit	\$	7,621,769	\$	11,966,076		(0)		-		19,587,845	\$	1,041,652		20,629,497		1,958,785
C&I Direct Install	\$	2,413,202	Ş	1,532,488	\$	(10)	\$	-	\$	3,945,680	Ş	532,607	Ş	4,478,287	Ş	58,891

		Sum of Total		Sum of Total	Sum of Total	Sum of Total		Resource
Preliminary v Evaluated Variances: (Eval - Prelim) / Prelim	Sum of Total	Capacity	Sum of Total	Other Resource	Resource	Non Resource	Sum of Total	Benefits per
	Energy Benefits	Benefits	Gas Benefits	Benefits	Benefits	Benefits	Benefits	Participant
Total Annual Variance	15%	12%	0%		12%	2%	11%	12%
Residential	5%	13%	0%	4%	6%	4%	5%	6%
1. Residential Whole House	2%	6%	0%	4%	4%	5%	4%	4%
Residential New Construction & Major Renovation	0%	0%	0%	0%	0%	0%	0%	0%
Residential Multi-Family Retrofit	-17%	16%	0%	0%	-14%	0%	-13%	-14%
Residential Home Energy Services	19%	14%	0%	4%	6%	6%	6%	6%
Residential Behavior/Feedback Program	0%	0%	0%	0%	0%	0%	0%	0%
2. Residential Products	6%	23%	0%	0%	10%	-19%	8%	10%
Residential Cooling & Heating Equipment	-1%	38%	0%	0%	10%	-71%	2%	10%
Residential Lighting	8%	26%	0%	0%	12%	0%	12%	12%
Residential Consumer Products	0%	0%	0%	0%	0%	0%	0%	0%
Low-Income	1%	119%	0%	0%	7%	0%	5%	7%
4. Low-Income Whole House	1%	119%	0%	0%	7%	0%	5%	7%
Low-Income New Construction	0%	0%	0%	0%	0%	0%	0%	0%
Low-Income Single Family Retrofit	10%	234%	0%	0%	10%	1%	8%	10%
Low-Income Multi-Family Retrofit	-5%	-6%	0%	0%	-5%	-1%	-3%	-5%
Commercial & Industrial	17%	11%	-15%	0%	14%	-1%	13%	14%
6. C&I New Construction	20%	-7%	-15%	0%	8%	-4%	7%	8%
C&I New Construction	20%	-7%	-15%	0%	8%	-4%	7%	8%
7. C&I Retrofit	17%	13%	-1%	0%	14%	0%	13%	14%
C&I Retrofit	20%	14%	-21%	0%	16%	0%	15%	16%
C&I Direct Install	8%	1%	0%	0%	5%	0%	5%	5%

The Plan-Year variances provided above are intended to indicate the Program Administrator's performance in the Plan-Year only. The variances used to determine significant variances are provided later in this report. The variances above and the significant variances use different calculations to determine variances on an annual basis and over the three-year term, respectively.

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#### Benefits for the Three-Year Term (2013\$)

Benefits Table 4

			S	um of Total			Si	um of Total	S	um of Total	Si	um of Total			F	Resource
	s	um of Total		Capacity	Sı	um of Total		ner Resource	Ī	Resource		n Resource	S	um of Total		nefits per
	En	ergy Benefits		Benefits	G	as Benefits		Benefits		Benefits		Benefits		Benefits		articipant
2013																
Planned	\$	10,226,595	\$	7,092,073	\$	297,155	\$	1,170,222	\$	18,786,045	\$	2,541,461	\$	21,327,506	\$	2,375
Residential	\$	982,530	\$	373,821	\$	195,111	\$	713,888	\$	2,265,349	\$	1,274,760	\$	3,540,108	\$	304
1. Residential Whole House	\$	214,151	\$	92,689	\$	201,615	\$	713,888	\$	1,222,343	\$	1,204,009	\$	2,426,352	\$	6,051
Residential New Construction & Major Renovation	\$	66,943	\$	7,868	\$	201,615	\$	-	\$	276,427	\$	209,774	\$	486,201	\$	6,911
Residential Multi-Family Retrofit	\$	81,439	\$	11,644	\$	-	\$	-	\$	93,083	\$	271,529	\$	364,611	\$	1,692
Residential Home Energy Services	\$	65,769	\$	73,177	\$	-	\$	713,888	\$	852,834	\$	722,707	\$	1,575,541	\$	7,970
Residential Behavior/Feedback Program	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2. Residential Products	\$	768,379	\$	281,131	\$	(6,505)	\$	-	\$	1,043,005	\$	70,751	\$	1,113,756	\$	144
Residential Cooling & Heating Equipment	\$	47,923	\$	37,015	\$	(6,505)	\$	-	\$	78,433	\$	34,031	\$	112,464	\$	519
Residential Lighting	\$	552,429	\$	158,095	\$	-	\$	-	\$	710,524	\$	36,720	\$	747,244	\$	146
Residential Consumer Products	\$	168,027	\$	86,022	\$	-	\$	-	\$	254,048	\$	-	\$	254,048	\$	114
Low-Income	\$	343,941	\$	56,071	\$	102,751	\$	456,335	\$	959,097	\$	296,292	\$	1,255,389	\$	5,212
4. Low-Income Whole House	\$	343,941	\$	56,071	\$	102,751	\$	456,335	\$	959,097	\$	296,292	\$	1,255,389	\$	5,212
Low-Income New Construction	\$	26,796	\$	2,913	\$	102,751	\$	-	\$	132,459	\$	114,652	\$	247,111	\$	7,792
Low-Income Single Family Retrofit	\$	89,851	\$	32,872	\$	-	\$	456,335	\$	579,057	\$	113,362	\$	692,419	\$	4,524
Low-Income Multi-Family Retrofit	\$	227,295	\$	20,285	\$	-	\$	-	\$	247,580	\$	68,278	\$	315,858	\$	6,348
Commercial & Industrial	\$	8,900,124	\$	6,662,182	\$	(706)	\$	_	\$	15,561,600	\$	970,409	\$	16,532,009	\$	58,283
6. C&I New Construction	\$	1,098,799	\$	601,867	\$	(697)	\$	-	\$	1,699,970	\$	-	\$	1,699,970	\$	11,333
C&I New Construction	\$	1,098,799	\$	601,867	\$	(697)	\$	-	\$	1,699,970	\$	_	\$	1,699,970	\$	11,333
7. C&I Retrofit	\$	7,801,325	\$	6,060,315	\$	(10)	\$	-	\$	13,861,630	\$	970,409	\$	14,832,039	\$	118,475
C&I Retrofit	\$	5,375,132	\$	4,246,977		(1)		-	\$	9,622,108	\$	383,175	\$	10,005,284	\$	234,686
C&I Direct Install	\$	2,426,193	\$	1,813,338	\$	(9)	\$	-	\$	4,239,522	\$	587,234	\$	4,826,756	\$	55,783
Evaluated	\$	13,425,444	\$		\$	97,348	\$	2,779,436	\$	31,536,988	\$	4,495,376		36,032,364	\$	2,946
Residential	Ś	1,799,437		881,646	Ś	96,738	Ś	2,137,954	\$	4,915,775	Ś	2,261,590		7,177,365	Ś	484
1. Residential Whole House	\$	701,359	\$	469,946	\$	98,562	\$	2,137,954	\$	3,407,821	\$	2,194,764		5,602,584	\$	8,456
Residential New Construction & Major Renovation	\$		\$	266,479	\$	83,787	\$		\$	796,301			\$	1,207,403	\$	8,562
Residential Multi-Family Retrofit	Ś	65,338	Ś	10,967	\$	, -	Ś	_	Ś	76,304	\$	1,514	\$	77,818	\$	867
Residential Home Energy Services	Ś	189,986	\$	192,500	\$	14,775	Ś	2,137,954	Ś	2,535,216	Ś	1,782,148	\$	4,317,363	\$	11,420
Residential Behavior/Feedback Program	Ś	-	Ś	-	Ś	-	Ś	-	Ś	-	Ś	-	Ś	-	Ś	-
2. Residential Products	Ś	1,098,078	\$	411,701	Ś	(1,824)	\$	_	Ś	1,507,955	\$	66,826	Ś	1,574,781	\$	154
Residential Cooling & Heating Equipment	Ś		\$			(1,824)	•	_	Ś	209,398	•	6,294	Ś	215,692	\$	1,702
Residential Lighting	Ś	808,417		274,883	\$	-	\$	_	Ś	1,083,300		60,532	Ś	1,143,832	\$	129
Residential Consumer Products	Ś	153,792		61,465		_	\$	_	Ś		\$	-	Ś	215,257	\$	175
Low-Income	Ś	288,649	Ś	117,844	Ś	936	Ś	641,482	\$	1,048,911	•	474,169	Ś	1,523,080	\$	3,122
4. Low-Income Whole House	Ś	288,649	\$	117,844		936	\$	641,482	\$	1,048,911	\$	474,169	\$	1,523,080	\$	3,122
Low-Income New Construction	Ś	-	Ś	-	Ś	-	Ś	-	\$	-	Ś	-	Ś	-	\$	-,
Low-Income Single Family Retrofit	Ś	113,384	\$	93,533		936	Ś	641,482	Ś	849,334	\$	224,564	\$	1,073,898	\$	6,584
Low-Income Multi-Family Retrofit	Ś	175,265	\$	24,312		-	\$	-	Ś	199,577	\$	249,605		449,182	\$	964
Commercial & Industrial	Ś	11,337,358	\$	14,235,269	Ś	(326)		_	Ś		\$	1,759,618		27,331,919	\$	125,354
6. C&I New Construction	Ś	1,302,387		736,705		(316)	•	_	Ś	2,038,776		185,358		2,224,135	\$	16,053
C&I New Construction	Ś	1,302,387	\$	736,705	Ś	(316)		_	Ś		\$	185,358		2,224,135	\$	16,053
7. C&I Retrofit	Ś	10,034,971	\$	13,498,564	\$	(10)		_	Ś	23,533,525	\$		\$		\$	305,630
C&I Retrofit	\$	7,621,769	\$	11,966,076	\$	(0)		-	Ś	19,587,845	\$	1,041,652			•	1,958,785
C&I Direct Install	Ś		\$	1,532,488		(10)		_	Ś		\$	532,607		4,478,287	\$	58.891
כמו טוופנו ווואנמוו	Ş	2,413,202	Ş	1,332,488	Ş	(10)	Ş	-	Ş	3,543,080	Ş	332,007	Ş	4,4/0,28/	Ş	20,89

#### Docket No. D.P.U. 14-87 2013 Plan-Year Report - Electric Division

### Benefits for the Three-Year Term (2013\$) Benefits Table 4

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6/20/2014 Electric

Unitil

Date of Filing
Distribution Company

Program Administrator

		um of Total ergy Benefits	Sı	um of Total Capacity Benefits		m of Total		um of Total ner Resource Benefits	S	Sum of Total Resource Benefits		um of Total on Resource Benefits	S	ium of Total Benefits	Ве	Resource enefits per articipant
2014																
Planned	\$	9,222,751		7,322,102		163,169	\$		\$			2,538,952	\$	20,748,254		2,123
Residential	\$	931,823	\$	423,546	\$	134,428	\$		\$		\$	1,275,686	\$	3,693,118	\$	298
1. Residential Whole House	\$	-,	\$	95,702	-	•	\$	927,634	•		\$	1,197,793	\$	2,510,758		6,193
Residential New Construction & Major Renovation	\$	52,663	\$	6,325	\$	140,545	\$	-	\$	199,533	\$	179,223	\$	378,756	\$	4,245
Residential Multi-Family Retrofit	\$	35,290	\$	11,155	\$	-	\$	146,548	\$	192,993	\$	277,348	\$	470,342	\$	3,509
Residential Home Energy Services	\$	61,131	\$	78,221	\$	-	\$	781,086	\$	920,438	\$	741,222	\$	1,661,660	\$	8,368
Residential Behavior/Feedback Program	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2. Residential Products	\$	782,739	\$	327,845	\$	(6,117)	\$	-	\$	1,104,467	\$	77,893	\$	1,182,360	\$	140
Residential Cooling & Heating Equipment	\$	46,919	\$	40,208	\$	(6,117)	\$	-	\$	81,010	\$	35,285	\$	116,295	\$	509
Residential Lighting	\$	616,993	\$	210,662	\$	-	\$	-	\$	827,655	\$	42,608	\$	870,263	\$	150
Residential Consumer Products	\$	118,827	\$	76,974	\$	-	\$	-	\$	195,802	\$	-	\$	195,802	\$	88
Low-Income	\$	329,882	\$	56,643	\$	29,419	\$	573,646	\$	989,590	\$	266,595	\$	1,256,185	\$	5,623
4. Low-Income Whole House	\$	329,882	\$	56,643	\$	29,419	\$	573,646	\$	989,590	\$	266,595	\$	1,256,185	\$	5,623
Low-Income New Construction	\$	24,902	\$	2,259	\$	29,419	\$	107,333	\$	163,913	\$	88,295	\$	252,208	\$	12,609
Low-Income Single Family Retrofit	\$	84,839	\$	33,598	\$	-	\$	466,313	\$	584,750	\$	109,906	\$	694,657	\$	4,716
Low-Income Multi-Family Retrofit	\$	220,141	\$	20,786	\$	-	\$	-	\$	240,926	\$	68,394	\$	309,320	\$	6,178
Commercial & Industrial	\$	7,961,046	\$	6,841,913	\$	(678)	\$	-	\$	14,802,281	\$	996,671	\$	15,798,952	\$	52,865
6. C&I New Construction	\$	1,028,393	\$	657,722	\$	(670)	\$	-	\$	1,685,446	\$	-	\$	1,685,446	\$	10,534
C&I New Construction	\$	1,028,393	\$	657,722	\$	(670)	\$	-	\$	1,685,446	\$	-	\$	1,685,446	\$	10,534
7. C&I Retrofit	\$	6,932,654	\$	6,184,190	\$	(9)	\$	-	\$	13,116,835	\$	996,671	\$	14,113,506	\$	109,307
C&I Retrofit	\$	4,678,612	\$	4,282,853	\$	(1)	\$	-	\$	8,961,464	\$	384,302	\$	9,345,766	\$	218,572
C&I Direct Install	\$	2,254,042	\$	1,901,338	\$	(8)	\$	-	\$	4,155,371	\$	612,369	\$	4,767,741	\$	52,600
2015																
Planned	\$	9,174,798	\$	7,761,142	\$	167,750	\$	1,544,095	\$	18,647,786	\$	2,564,457	\$	21,212,243	\$	2,095
Residential	\$	853,939	\$	430,667	\$	135,209	\$	936,654	\$	2,356,469	\$	1,266,031	\$	3,622,500	\$	280
1. Residential Whole House	\$	143,811	\$	97,899	\$	141,442	\$	936,654	\$	1,319,807	\$	1,186,619	\$	2,506,425	\$	6,470
Residential New Construction & Major Renovation	\$	52,048	\$	6,657	\$	141,442	\$	-	\$	200,147	\$	179,223	\$	379,370	\$	5,004
Residential Multi-Family Retrofit	\$	33,997	\$	11,463	\$	-	\$	148,880	\$	194,341	\$	271,530	\$	465,870	\$	3,533
Residential Home Energy Services	\$	57,767	\$	79,778	\$	-	\$	787,774	\$	925,319	\$	735,866	\$	1,661,185	\$	8,489
Residential Behavior/Feedback Program	\$	, -	\$	,	\$	_	\$	-	\$	-	\$	· -	\$	· · ·	\$	-
2. Residential Products	\$	710,127	\$	332,768	\$	(6,233)	\$	-	\$	1,036,662	\$	79,412	\$	1,116,074	\$	126
Residential Cooling & Heating Equipment	\$	36,476	\$	48,658	\$	(6,233)		_	\$	78,901	\$	35,285	\$	114,186	\$	496
Residential Lighting	Ś	556,838	\$		\$		\$	_	Ś	759,520	\$	44,127	\$		\$	130
Residential Consumer Products	Ś	116,813	Ś	81,428	Ś	_	Ś	_	\$	198,241	Ś	· -	Ś	198,241		89
Low-Income	\$	329,900	\$	,	\$	33,331	\$	607,441	\$		\$	276,467	\$			5,669
4. Low-Income Whole House	\$	,	\$	61,039		33,331		,				276,467	\$	1,308,178		5,669
Low-Income New Construction	Ś	26,595	\$	2,597	-	•	\$	115,823	•		\$	94,182	\$			12,649
Low-Income Single Family Retrofit	Ś	,	\$	35,861		1,259	\$		\$			113,938		726,261		4,747
Low-Income Multi-Family Retrofit	Ś	219,720	\$	22,581		-	\$	-	\$	,	\$	68,347	\$			6,213
Commercial & Industrial	\$	7,990,960	\$	7,269,437		(790)		_	\$	15,259,606	\$	1,021,959	\$	,		51,903
6. C&I New Construction	Ś	1,040,653		718,832		(781)		_	\$		\$	-	\$			10,285
C&I New Construction	Ś		\$	718,832		(781)		_	Ś	1,758,704	\$	_	\$			10,285
7. C&I Retrofit	Ś		\$	6,550,604		(9)		_	Ś	13,500,902	\$	1,021,959	\$			109,763
C&I Retrofit	Ś	4,633,644	\$	4,481,387	-				-	_3,300,302	•					
					\$	(1)	¢	_	Ś	9,115,030	\$	384,581	\$	9,499,612	\$	222,318

#### Benefits for the Three-Year Term (2013\$)

2013 Plan-Year Report - Electric Division Page 17 of 45

Benefits Table 4

6/20/2014 Date of Filing Distribution Company Electric Unitil Program Administrator

		Sum of Total ergy Benefits	S	cum of Total Capacity Benefits	um of Total Gas Benefits	um of Total her Resource Benefits	S	um of Total Resource Benefits	um of Total on Resource Benefits	S	oum of Total Benefits	Ве	Resource enefits per articipant
Benefits for the Three-Year Term (2013\$): Year 1 Evaluated +	Year 2 F	Plan + Year 3 P	lan										
Total	\$	31,822,994	\$	30,318,004	\$ 428,267	\$ 5,824,811	\$	68,394,076	\$ 9,598,786	\$	77,992,862	\$	2,427
Residential	\$	3,585,199	\$	1,735,860	\$ 366,375	\$ 4,002,242	\$	9,689,675	\$ 4,803,307	\$	14,492,983	\$	363
1. Residential Whole House	\$	994,255	\$	663,546	\$ 380,549	\$ 4,002,242	\$	6,040,592	\$ 4,579,176	\$	10,619,767	\$	7,376
Residential New Construction & Major Renovation	\$	550,746	\$	279,461	\$ 365,774	\$ -	\$	1,195,981	\$ 769,548	\$	1,965,529	\$	6,644
Residential Multi-Family Retrofit	\$	134,625	\$	33,585	\$ -	\$ 295,428	\$	463,638	\$ 550,392	\$	1,014,030	\$	2,342
Residential Home Energy Services	\$	308,884	\$	350,500	\$ 14,775	\$ 3,706,814	\$	4,380,973	\$ 3,259,236	\$	7,640,209	\$	9,934
Residential Behavior/Feedback Program	\$	-	\$	-	\$ -	\$ -	\$	-	\$ -	\$	-	\$	-
2. Residential Products	\$	2,590,944	\$	1,072,314	\$ (14,174)	\$ -	\$	3,649,083	\$ 224,132	\$	3,873,215	\$	141
Residential Cooling & Heating Equipment	\$	219,265	\$	164,219	\$ (14,174)	\$ -	\$	369,310	\$ 76,864	\$	446,173	\$	837
Residential Lighting	\$	1,982,248	\$	688,227	\$ -	\$ -	\$	2,670,475	\$ 147,268	\$	2,817,743	\$	135
Residential Consumer Products	\$	389,432	\$	219,867	\$ -	\$ -	\$	609,299	\$ -	\$	609,299	\$	107
Low-Income	\$	948,431	\$	235,526	\$ 63,686	\$ 1,822,569	\$	3,070,212	\$ 1,017,231	\$	4,087,443	\$	4,424
4. Low-Income Whole House	\$	948,431	\$	235,526	\$ 63,686	\$ 1,822,569	\$	3,070,212	\$ 1,017,231	\$	4,087,443	\$	4,424
Low-Income New Construction	\$	51,497	\$	4,856	\$ 61,491	\$ 223,157	\$	341,000	\$ 182,476	\$	523,477	\$	12,630
Low-Income Single Family Retrofit	\$	281,808	\$	162,992	\$ 2,195	\$ 1,599,412	\$	2,046,407	\$ 448,408	\$	2,494,815	\$	5,357
Low-Income Multi-Family Retrofit	\$	615,126	\$	67,678	\$ -	\$ -	\$	682,805	\$ 386,346	\$	1,069,151	\$	2,396
Commercial & Industrial	\$	27,289,364	\$	28,346,618	\$ (1,794)	\$ -	\$	55,634,189	\$ 3,778,248	\$	59,412,436	\$	71,509
6. C&I New Construction	\$	3,371,433	\$	2,113,260	\$ (1,766)	\$ -	\$	5,482,926	\$ 185,358	\$	5,668,285	\$	11,971
C&I New Construction	\$	3,371,433	\$	2,113,260	\$ (1,766)	\$ -	\$	5,482,926	\$ 185,358	\$	5,668,285	\$	11,971
7. C&I Retrofit	\$	23,917,932	\$	26,233,358	\$ (27)	\$ -	\$	50,151,262	\$ 3,592,889	\$	53,744,152	\$	156,723
C&I Retrofit	\$	16,934,026	\$	20,730,315	\$ (2)	\$ -	\$	37,664,340	\$ 1,810,535	\$	39,474,875	\$	409,395
C&I Direct Install	\$	6,983,906	\$	5,503,043	\$ (26)	\$ -	\$	12,486,923	\$ 1,782,354	\$	14,269,277	\$	54,767

# Significant Total Benefits Variances (2013\$): Planned v Preliminary Page 18 of 45

Benefits Table 5

Sum of Total Benefits					
		Planned		Planned Total	Preliminary
	2013	2014	2015		2013
Residential	\$ 3,540,108	\$ 3,693,118	\$ 3,622,500	\$ 10,855,726	\$ 6,827,891
1. Residential Whole House	\$ 2,426,352	\$ 2,510,758	\$ 2,506,425	\$ 7,443,535	\$ 5,376,377
Residential New Construction & Major Renovation	\$ 486,201	\$ 378,756	\$ 379,370	\$ 1,244,326	\$ 1,206,810
Residential Multi-Family Retrofit	\$ 364,611	\$ 470,342	\$ 465,870	\$ 1,300,823	\$ 89,928
Residential Home Energy Services	\$ 1,575,541	\$ 1,661,660	\$ 1,661,185	\$ 4,898,386	\$ 4,079,640
Residential Behavior/Feedback Program	\$ -	\$ -	\$ -	\$ -	\$ -
2. Residential Products	\$ 1,113,756	\$ 1,182,360	\$ 1,116,074	\$ 3,412,190	\$ 1,451,513
Residential Cooling & Heating Equipment	\$ 112,464	\$ 116,295	\$ 114,186	\$ 342,945	\$ 212,492
Residential Lighting	\$ 747,244	\$ 870,263	\$ 803,648	\$ 2,421,155	\$ 1,023,764
Residential Consumer Products	\$ 254,048	\$ 195,802	\$ 198,241	\$ 648,091	\$ 215,257
Low-Income	\$ 1,255,389	\$ 1,256,185	\$ 1,308,178	\$ 3,819,751	\$ 1,457,362
4. Low-Income Whole House	\$ 1,255,389	\$ 1,256,185	\$ 1,308,178	\$ 3,819,751	\$ 1,457,362
Low-Income New Construction	\$ 247,111	\$ 252,208	\$ 271,269	\$ 770,588	\$ -
Low-Income Single Family Retrofit	\$ 692,419	\$ 694,657	\$ 726,261	\$ 2,113,337	\$ 996,278
Low-Income Multi-Family Retrofit	\$ 315,858	\$ 309,320	\$ 310,649	\$ 935,827	\$ 461,084
Commercial & Industrial	\$ 16,532,009	\$ 15,798,952	\$ 16,281,565	\$ 48,612,526	\$ 24,229,244
6. C&I New Construction	\$ 1,699,970	\$ 1,685,446	\$ 1,758,704	\$ 5,144,119	\$ 2,076,102
C&I New Construction	\$ 1,699,970	\$ 1,685,446	\$ 1,758,704	\$ 5,144,119	\$ 2,076,102
7. C&I Retrofit	\$ 14,832,039	\$ 14,113,506	\$ 14,522,861	\$ 43,468,407	\$ 22,153,142
C&I Retrofit	\$ 10,005,284	\$ 9,345,766	\$ 9,499,612	\$ 28,850,661	\$ 17,873,666
C&I Direct Install	\$ 4,826,756	\$ 4,767,741	\$ 5,023,249	\$ 14,617,746	\$ 4,279,476
Grand Total	\$ 21,327,506	\$ 20,748,254	\$ 21,212,243	\$ 63,288,003	\$ 32,514,497

Planned v Preliminary Benefit Variances	Planned Three-Ye	ar Goal Cumulative by Year	e Achievement	Actual Plan-Year Three-Year Goal Cumulative	Difference in Plan- Year Three-Year Goal Cumulative
	2013	2014	2015	Achievement	Achievement
Residential	33%	67%	100%	63%	93%
1. Residential Whole House	33%	66%	100%	72%	122%
Residential New Construction & Major Renovation	39%	70%	100%	97%	148%
Residential Multi-Family Retrofit	28%	64%	100%	7%	-75%
Residential Home Energy Services	32%	66%	100%	83%	159%
Residential Behavior/Feedback Program	0%	0%	0%	0%	0%
2. Residential Products	33%	67%	100%	43%	30%
Residential Cooling & Heating Equipment	33%	67%	100%	62%	89%
Residential Lighting	31%	67%	100%	42%	37%
Residential Consumer Products	39%	69%	100%	33%	-15%
Low-Income	33%	66%	100%	38%	16%
4. Low-Income Whole House	33%	66%	100%	38%	16%
Low-Income New Construction	32%	65%	100%	0%	-100%
Low-Income Single Family Retrofit	33%	66%	100%	47%	44%
Low-Income Multi-Family Retrofit	34%	67%	100%	49%	46%
Commercial & Industrial	34%	67%	100%	50%	47%
6. C&I New Construction	33%	66%	100%	40%	22%
C&I New Construction	33%	66%	100%	40%	22%
7. C&I Retrofit	34%	67%	100%	51%	49%
C&I Retrofit	35%	67%	100%	62%	79%
C&I Direct Install	33%	66%	100%	29%	-11%
Grand Total	34%	66%	100%	51%	52%

<sup>-</sup> Plan-year core initiative significant variance explanations are required for: (3) variances between planned and preliminary core initiative total benefits showing a decrease of 15 percent or greater. See Appendix 1 for more information.

<sup>-</sup> Variances are calculated by percent of three-year goal (i.e., variance calculated as the percentage difference between the percentage of the Three-Year Plan goals planned to be achieved through the Plan-Year Report year compared to the percentage of the Three-Year Plan goals actually achieved through the Plan-Year Report year).

## Significant Resource Benefits Variances (2013\$): Preliminary v Evaluated Page 19 of 45

Benefits Table 6

Date of Filing	6/20/2014
Distribution Company	Electric
Program Administrator	Unitil
Year	2013

Sum of Total Resource Benefits			Preliminary v Evaluated
	Preliminary	Evaluated	Benefit Variances
Residential	\$ 4,655,234	\$ 4,915,775	6%
1. Residential Whole House	\$ 3,285,959	\$ 3,407,821	49
Residential New Construction & Major Renovation	\$ 795,707	\$ 796,301	0%
Residential Multi-Family Retrofit	\$ 88,415	\$ 76,304	-14%
Residential Home Energy Services	\$ 2,401,838	\$ 2,535,216	6%
Residential Behavior/Feedback Program	\$ -	\$ -	0%
2. Residential Products	\$ 1,369,275	\$ 1,507,955	109
Residential Cooling & Heating Equipment	\$ 190,786	\$ 209,398	109
Residential Lighting	\$ 963,232	\$ 1,083,300	129
Residential Consumer Products	\$ 215,257	\$ 215,257	09
Low-Income	\$ 983,019	\$ 1,048,911	7%
4. Low-Income Whole House	\$ 983,019	\$ 1,048,911	79
Low-Income New Construction	\$ -	\$ -	09
Low-Income Single Family Retrofit	\$ 773,247	\$ 849,334	109
Low-Income Multi-Family Retrofit	\$ 209,772	\$ 199,577	-5%
Commercial & Industrial	\$ 22,459,181	\$ 25,572,301	149
6. C&I New Construction	\$ 1,882,516	\$ 2,038,776	89
C&I New Construction	\$ 1,882,516	\$ 2,038,776	89
7. C&I Retrofit	\$ 20,576,665	\$ 23,533,525	149
C&I Retrofit	\$ 16,832,014	\$ 19,587,845	169
C&I Direct Install	\$ 3,744,651	\$ 3,945,680	59
Grand Total	\$ 28,097,435	\$ 31,536,988	129

<sup>-</sup> Plan-year core initiative significant variance explanations are required for: (4) variances between preliminary and evaluated core initiative total resource benefits showing a decrease of 15 percent or greater. See Appendix 1 for more information.

<sup>-</sup> Variances are calculated by percent change between preliminary and evaluated benefits for the Plan-Year (i.e., variance calculated as the percentage difference between the Plan-Year's preliminary total benefits compared to the Plan-Year's evaluated total benefits).

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#### Planned Budget v Actual Expenditures (Nominal\$): Plan-Year Analysis

Budget Table 1

							S	um of Sales,														
		of Program		Sum of		Sum of		Technical		Sum of				Sum of								Resource
		inning and		rketing and		Participant	,	Assistance &		valuation and		um of Total		rformance		Sum of		Sum of Total		Cost per		enefit per
		ninistration		dvertising		Incentive		Training		arket Research		ogram Costs				rticipant Costs				rticipant		llar Spent
Planned	\$	342,617		409,252	_	2,966,526	-	1,025,082	_	342,228		5,085,704	•	262,132	-	3,062,471		8,410,307	-	643		3.69
Residential	\$	108,195		137,435		749,975		302,972		114,521		1,413,098		47,121		274,699		1,734,918	•	189	•	1.60
1. Residential Whole House	\$	61,689		50,218		413,186	•	176,686		59,294	•	761,073	•	33,489	•	209,847			\$	3,768		1.61
Residential New Construction & Major Renovation	\$	12,194		10,579		102,080		45,899		14,848		185,600		5,435		125,505		316,539		4,640		1.49
Residential Multi-Family Retrofit	\$	13,590		15,000		104,800		50,610		16,000		,	\$	4,311		10,644			\$	3,636		0.47
Residential Home Energy Services	\$	35,905		24,639		206,306		80,177		28,446		375,473		23,744	•	73,699		,	\$	3,509		2.27
Residential Behavior/Feedback Program	\$	-	\$	-	\$	-	\$	-	\$	-	\$		\$	-	\$	-	\$		\$	-	\$	-
2. Residential Products	\$	29,195	•	45,217		246,790	•	104,612		39,186		•	\$	13,632	\$	64,851		,	\$		\$	2.24
Residential Cooling & Heating Equipment	\$	6,885		8,700		50,200		25,865		8,350		,	\$	-	\$	15,527		-,-	\$	662		0.78
Residential Lighting	\$	11,020		21,204		100,130		39,900		17,746		190,000		,	\$	40,266		241,298		39		3.74
Residential Consumer Products	\$	11,291	\$	15,313		96,460		38,847		13,090	\$	175,000	\$	2,600	\$	9,058		186,658	\$	78	\$	1.45
3. Residential Hard-to-Measure	\$	17,311	\$	42,000	\$	90,000		21,673	\$	16,041	\$	187,025	\$	-	\$	-	\$	187,025				
Residential Statewide Marketing	\$	-	\$	42,000	\$	-	\$	-	\$	-	\$	42,000	\$	-	\$	-	\$	42,000				
Residential DOER Assessment	\$	8,984	\$	-	\$	-	\$	-	\$	1,041	\$	10,025	\$	-	\$	-	\$	10,025				
Residential EEAC Consultants	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-				
Residential Sponsorship & Subscriptions	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-				
Residential HEAT Loan	\$	7,250	\$	-	\$	90,000	\$	12,750	\$	=	\$	110,000	\$	-	\$	-	\$	110,000				
Residential Workforce Development	\$	-	\$	-	\$	-	\$	-	\$	15,000	\$	15,000	\$	-	\$	-	\$	15,000				
Residential R&D and Demonstration	\$	200	\$	-	\$	-	\$	1,800	\$	-	\$	2,000	\$	-	\$	-	\$	2,000				
Residential Education	\$	877	\$	-	\$		\$	7,123	\$	-	\$	8,000	\$	-	\$	-	\$	8,000				
Low-Income	\$	52,369	\$	52,643	\$	362,430	\$	187,770	\$	44,497	\$	699,708	\$	19,966	\$	94,219	\$	813,893	\$	3,803	\$	1.37
4. Low-Income Whole House	\$	46,179	\$	37,643	\$	362,430	\$	173,370	\$	43,965	\$	663,587	\$	19,966	\$	94,219	\$	777,772	\$	3,606	\$	1.45
Low-Income New Construction	\$	5,089	\$	5,963	\$	40,350	\$	19,166	\$	4,433	\$	75,000	\$	3,476	\$	94,219	\$	172,694	\$	4,412	\$	1.77
Low-Income Single Family Retrofit	\$	23,410	\$	15,248	\$	179,080	\$	86,890	\$	23,959	\$	328,587	\$	13,039	\$	-	\$	341,626	\$	2,567	\$	1.76
Low-Income Multi-Family Retrofit	\$	17,680	\$	16,432	\$	143,000	\$	67,314	\$	15,574	\$	260,000	\$	3,452	\$	-	\$	263,452	\$	6,667	\$	0.95
5. Low-Income Hard-to-Measure	\$	6,189	\$	15,000	\$	-	\$	14,400	\$	532	\$	36,121	\$	-	\$	-	\$	36,121				
Low-Income Statewide Marketing	\$	-	\$	15,000	\$	-	\$	-	\$	-	\$	15,000	\$	-	\$	-	\$	15,000				
Low-Income DOER Assessment	\$	4,589	\$	-	\$	-	\$	-	\$	532	\$	5,121	\$	-	\$	-	\$	5,121				
Low-Income Energy Affordability Network	\$	1,600	\$	-	\$	-	\$	14,400	\$	-	\$	16,000	\$	-	\$	-	\$	16,000				
Commercial & Industrial	\$	182,053	Ś	219,175	Ś	1,854,120	Ś	534,340	Ś	183,210	Ś	2,972,898	Ś	195,045	Ś	2,693,554	\$	5,861,496	Ś	11,134	Ś	5.23
6. C&I New Construction	\$	28,944		35,000	\$	315,975	•	90,081		30,000	•	500,000		•	\$	476,054		993,234	\$	3,333	•	3.40
C&I New Construction	Ś	28,944	•	35,000	Ś	315,975	•	90,081		30,000	•	500,000	•	17,180	Ś	476,054		993,234		3,333		3.40
7. C&I Retrofit	\$	136,280		156,575		1,538,145		444,259		151,259		2,426,519		177,865		2,217,500			\$	20,739		5.71
C&I Retrofit	Ś	72.282		76.275		867,145		228,307		82.509		1,326,519		•	Ś	1,409,510		2,858,877	•	32,354	•	7.25
C&I Direct Install	Ś	63,998		80,300		671,000		215,952		68,750	•	1,100,000		55,016	•	807,990		1,963,006		14,474		3.85
8. C&I Hard-to-Measure	\$	16,829		27,600		-	\$	-	\$	1,950		46,379		-	Ś	-	Ś	46,379	7	± ·, · · · ·	~	5.05
C&I Statewide Marketing	Ś		Ś	27,600		-	Ś	_	\$	-	\$	•	\$	-	\$	_	Ś	27,600				
C&I DOER Assessment	Ś	16,829		27,000	Ś	_	Ś	=	\$	1,950	\$	,	\$	_	\$	_	Ś	18,779				
C&I EEAC Consultants	Ś	10,023	\$	-	\$	_	\$	-	\$	1,930	\$	,	\$	_	\$	_	\$	-				
C&I Sponsorships & Subscriptions	Ś	_	ب \$	_	Ś	_	Ś	_	\$	_	\$		\$	_	\$		\$	_				
car sponsorships a subscriptions	Ą	-	ب	=	ڔ	-	ڔ	-	ڔ	-	ڔ	=	ڔ	-	ڔ	=	ڔ	=				

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#### Planned Budget v Actual Expenditures (Nominal\$): Plan-Year Analysis

Budget Table 1

							Su	m of Sales,														
	Sum	of Program		Sum of		Sum of	1	<b>Fechnical</b>	S	um of			Sı	ım of								source
	Plar	nning and	Mar	rketing and	F	Participant	As	sistance &	Evalu	ation and	S	um of Total	Perfo	ormance		Sum of	S	um of Total	Cost	per	Bene	efit per
	Adm	inistration	Ac	dvertising		Incentive		Training	Marke	t Research	Pr	ogram Costs	Inc	entive	Par	ticipant Costs	Re	source Costs	Partici	oant	Dolla	r Spent
Evaluated	\$	329,857	\$	101,547	\$	3,109,769	\$	866,918	\$	122,798	\$	4,530,889	\$	314,464	\$	4,091,393	\$	8,936,746	\$	423	\$	6.96
Residential	\$	98,153	\$	55,819	\$	907,292	\$	285,143	\$	29,061	\$	1,375,468	\$	70,644	\$	481,499	\$	1,927,611	\$	135	\$	3.57
1. Residential Whole House	\$	51,181	\$	4,398	\$	585,621	\$	157,641	\$	13,781	\$	812,622	\$	56,103		318,312	\$	1,187,038	\$	2,016	\$	4.19
Residential New Construction & Major Renovation	\$	11,930	\$	-	\$	80,911	\$	26,784	\$	2,139	\$	121,763	\$	12,368	\$	76,535	\$	210,666	\$	1,309	\$	6.54
Residential Multi-Family Retrofit	\$	9,225	\$	780	\$	35,012	\$	19,515	\$	3,331	\$	67,864	\$	411	\$	8,264	\$	76,538	\$	771	\$	1.12
Residential Home Energy Services	\$	30,026	\$	3,618	\$	469,698	\$	111,341	\$	8,311	\$	622,995	\$	43,325	\$	233,514	\$	899,833	\$	2,806	\$	4.07
Residential Behavior/Feedback Program	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
2. Residential Products	\$	32,842	\$	18,312	\$	173,001	\$	116,967	\$	14,985	\$	356,107	\$	14,541	\$	163,187	\$	533,835	\$	36	\$	4.23
Residential Cooling & Heating Equipment	\$	4,408	\$	607	\$	68,834	\$	17,561	\$	2,721	\$	94,131	\$	1,659	\$	31,602	\$	127,392	\$	765	\$	2.22
Residential Lighting	\$	14,276	\$	10,221	\$	80,281	\$	49,879	\$	5,837	\$	160,493	\$	11,156	\$	119,343	\$	290,992	\$	19	\$	6.75
Residential Consumer Products	\$	14,158	\$	7,484	\$	23,886	\$	49,527	\$	6,427	\$	101,483	\$	1,727	\$	12,242	\$	115,451	\$	83	\$	2.12
3. Residential Hard-to-Measure	\$	14,131	\$	33,109	\$	148,669	\$	10,535	\$	295	\$	206,738	\$	-	\$	-	\$	206,738				
Residential Statewide Marketing	\$	-	\$	33,109	\$	-	\$	=	\$	-	\$	33,109	\$	-	\$	-	\$	33,109				
Residential DOER Assessment	\$	14,131	\$	-	\$	-	\$	=	\$	-	\$	14,131	\$	-	\$	-	\$	14,131				
Residential EEAC Consultants	\$	-	\$	-	\$	-	\$	=	\$	-	\$	-	\$	-	\$	-	\$	-				
Residential Sponsorship & Subscriptions	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-				
Residential HEAT Loan	\$	-	\$		\$	148,669	\$	2,923	\$	-	\$	151,592	\$	-	\$	-	\$	151,592				
Residential Workforce Development	\$	-	\$	-	\$	-	\$	=	\$	295	\$	295	\$	-	\$	-	\$	295				
Residential R&D and Demonstration	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-				
Residential Education	\$	-	\$		\$	-	\$	7,612	\$	-	\$	7,612	\$	-	\$	-	\$	7,612				
Low-Income	\$	44,409	\$	8,300	\$	366,982	\$	130,683	\$	14,631	\$	565,005	\$	21,805	\$	3,752	\$	590,562	\$	1,682	\$	1.86
4. Low-Income Whole House	\$	38,063	\$	-	\$	366,982	\$	130,683	\$	14,631	\$	550,359	\$	21,805	\$	3,752	\$	575,916	\$	1,638	\$	1.91
Low-Income New Construction	\$	5,865	\$		\$	-	\$	12,922	\$	1,621	\$	20,407	\$	-	\$	-	\$	20,407	\$	-	\$	-
Low-Income Single Family Retrofit	\$	21,045	\$	-	\$	248,277	\$	87,896	\$	9,365	\$	366,582	\$	15,459	\$	3,752	\$	385,792	\$	2,842	\$	2.32
Low-Income Multi-Family Retrofit	\$	11,153	\$	-	\$	118,706	\$	29,866	\$	3,645	\$	163,370	\$	6,346	\$	-	\$	169,717	\$	789	\$	1.22
5. Low-Income Hard-to-Measure	\$	6,346	\$	8,300	\$	-	\$	-	\$	-	\$	14,646	\$	-	\$	-	\$	14,646				
Low-Income Statewide Marketing	\$	-	\$	8,300	\$	-	\$	-	\$	-	\$	8,300	\$	-	\$	-	\$	8,300				
Low-Income DOER Assessment	\$	6,346	\$	-	\$	-	\$	-	\$	-	\$	6,346	\$	-	\$	-	\$	6,346				
Low-Income Energy Affordability Network	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-				
Commercial & Industrial	\$	187,295	\$	37,427	\$	1,835,495	\$	451,092	\$	79,106	\$	2,590,416	\$	222,014	\$	3,606,143	\$	6,418,573	\$	12,698	\$	9.87
6. C&I New Construction	\$	36,822	\$	7,380	\$	223,776	\$	97,532	\$	14,187	\$	379,697	\$	17,851	\$	178,089	\$	575,637	\$	2,990	\$	5.37
C&I New Construction	\$	36,822	\$	7,380	\$	223,776	\$	97,532	\$	14,187	\$	379,697	\$	17,851	\$	178,089	\$	575,637	\$	2,990	\$	5.37
7. C&I Retrofit	\$	127,193	\$	671	\$	1,611,719	\$	353,560	\$	64,919	\$	2,158,062	\$	204,163	\$	3,428,054	\$	5,790,279	\$	28,027	\$	10.90
C&I Retrofit	\$	71,980	\$	-	\$	695,551	\$	232,010	\$	45,904	\$	1,045,445	\$	170,098	\$	2,913,849	\$	4,129,392	\$ 1	04,545	\$	18.74
C&I Direct Install	\$	55,214	\$	671	\$	916,168	\$	121,549	\$	19,015	\$	1,112,617	\$	34,066	\$	514,205	\$	1,660,887	\$	16,606	\$	3.55
8. C&I Hard-to-Measure	\$	23,280	\$	29,377	\$	-	\$	-	\$	-	\$	52,657	\$	-	\$	-	\$	52,657				
C&I Statewide Marketing	\$	-	\$	29,377	\$	-	\$	-	\$	-	\$	29,377	\$	-	\$	-	\$	29,377				
C&I DOER Assessment	\$	23,280	\$	-	\$	-	\$	-	\$	-	\$	23,280	\$	-	\$	-	\$	23,280				
C&I EEAC Consultants	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-				
C&I Sponsorships & Subscriptions	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-				

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#### Planned Budget v Actual Expenditures (Nominal\$): Plan-Year Analysis

Rudaet Tahle

 Date of Filing
 6/20/2014

 Distribution Company
 Electric

 Program Administrator
 Unitil

 Year
 2013

	Sum of Program Planning and Administration	Sum of Marketing and Advertising	Sum of Participant Incentive	Sum of Sales, Technical Assistance & Training	Sum of Evaluation and Market Research	Sum of Total Program Costs	Sum of Performance Incentive	Sum of Participant Costs	Sum of Total Resource Costs	Cost per Participant	Resource Benefit per Dollar Spent
Planned v Actual Variances: (Actual - Plan) / Plan											
Total Annual Variance	-4%	-75%	5%	-15%	-64%	-11%	20%	34%	6%	-34%	88%
Residential	-9%	-59%	21%	-6%	-75%	-3%	50%	75%	11%	-29%	123%
1. Residential Whole House	-17%	-91%	42%	-11%	-77%	7%	68%	52%	18%	-46%	161%
Residential New Construction & Major Renovation	-2%	-100%	-21%	-42%	-86%	-34%	128%	-39%	-33%	-72%	339%
Residential Multi-Family Retrofit	-32%	-95%	-67%	-61%	-79%	-66%	-90%	-22%	-64%	-79%	142%
Residential Home Energy Services	-16%	-85%	128%	39%	-71%	66%	82%	217%	90%	-20%	79%
Residential Behavior/Feedback Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2. Residential Products	12%	-60%	-30%	12%	-62%	-23%	7%	152%	-2%	-43%	89%
Residential Cooling & Heating Equipment	-36%	-93%	37%	-32%	-67%	-6%	0%	104%	10%	16%	184%
Residential Lighting	30%	-52%	-20%	25%	-67%	-16%	1%	196%	21%	-51%	80%
Residential Consumer Products	25%	-51%	-75%	27%	-51%	-42%	-34%	35%	-38%	5%	46%
3. Residential Hard-to-Measure	-18%	-21%	65%	-51%		11%	0%		11%	0%	0%
Residential Statewide Marketing	0%	-21%	0%	0%	0%	-21%	0%		-21%	0%	0%
Residential DOER Assessment	57%	0%	0%	0%	-100%	41%	0%	0%	41%	0%	0%
Residential EEAC Consultants	0%	0%	0%	0%	0%	0%	0%		0%	0%	0%
Residential Sponsorship & Subscriptions	0%	0%	0%	0%		0%	0%		0%	0%	0%
Residential HEAT Loan	-100%	0%	65%	-77%	0%	38%	0%	0%	38%	0%	0%
Residential Workforce Development	0%	0%	0%	0%	-98%	-98%	0%		-98%	0%	0%
Residential R&D and Demonstration	-100%	0%	0%	-100%	0%	-100%	0%		-100%	0%	0%
Residential Education	-100%	0%	0%	7%	0%	-5%	0%	0%	-5%	0%	0%
Low-Income	-15%	-84%	1%	-30%	-67%	-19%	9%	-96%	-27%	-56%	35%
4. Low-Income Whole House	-18%	-100%	1%	-25%		-17%	9%		-26%	-55%	32%
Low-Income New Construction	15%	-100%	-100%	-33%		-73%	-100%		-88%	-100%	-100%
Low-Income Single Family Retrofit	-10%	-100%	39%	1%		12%	19%		13%	11%	31%
Low-Income Multi-Family Retrofit	-37%	-100%	-17%	-56%		-37%	84%		-36%	-88%	28%
5. Low-Income Hard-to-Measure	3%	-45%	0%	-100%		-59%	0%		-59%	0%	0%
Low-Income Statewide Marketing	0%	-45%	0%	0%	0%	-45%	0%		-45%	0%	0%
Low-Income DOER Assessment	38%	0%	0%	0%	-100%	24%	0%		24%	0%	0%
Low-Income Energy Affordability Network	-100%	0%	0%	-100%		-100%	0%		-100%	0%	0%
Commercial & Industrial	3%	-83%	-1%	-16%		-13%	14%		10%	14%	89%
6. C&I New Construction	27%	-79%	-29%	8%		-24%	4%		-42%	-10%	58%
C&I New Construction	27%	-79%	-29%	8%		-24%	4%		-42%	-10%	58%
7. C&I Retrofit	-7%	-100%	5%	-20%		-11%	15%		20%	35%	91%
C&I Retrofit	0%	-100%	-20%	2%		-21%	38%		44%	223%	158%
C&I Direct Install	-14%	-99%	37%	-44%		1%	-38%		-15%	15%	-8%
8. C&I Hard-to-Measure	38%	6%	0%	0%		14%	0%		14%	0%	0%
C&I Statewide Marketing	0%	6%	0%	0%		6%	0%		6%	0%	0%
C&I DOER Assessment	38%	0%	0%	0%		24%	0%		24%	0%	0%
C&I EEAC Consultants	0%	0%	0%	0%		0%	0%		0%	0%	0%
C&I Sponsorships & Subscriptions	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

The Plan-Year variances provided above are intended to indicate the Program Administrator's performance in the Plan-Year only. The variances used to determine significant variances are provided later in this report. The variances above and the significant variances used ifferent calculations to determine variances on an annual basis and over the three-year term, respectively.

2013	Plar	of Program nning and ninistration		Marketing dvertising	Sum of Participant Incentive		Sum of Sales, Technical Assistance & Training		n of Evaluation and Market Research		um of Total ogram Costs	F	Sum of Performance Incentive	Par	Sum of ticipant Costs		m of Total ource Costs		Cost per erticipant	Resource Benefit per Dollar Spent
Planned	Ś	342,617	ć	409,252	\$ 2,966,526	ć	1,025,082	ć	342,228	ć	5,085,704	ć	262,132	ć	3,062,471	ć	8,410,307	ċ	643	3.69
Residential	ċ	108,195	•	137,435			302,972	-	114,521		1,413,098	•	47,121		274,699		1,734,918		189	1.60
1. Residential Whole House	Š	61,689	•	50,218			176,686	-	59,294	•	761,073	•	33,489		209,847		1,004,409		3,768	1.61
Residential New Construction & Major Renovation	Ś	12,194		10,579			45,899	-	14,848	•		\$	5,435		125,505		316,539		4,640	1.49
Residential Multi-Family Retrofit	ċ	13,590		15,000			50,610		16,000		200,000	•	4,311		10,644		214,955		3,636	0.47
Residential Home Energy Services	ç	35,905	•	24,639			80,177		28,446		375,473		23,744		73,699		472,915		3,509	2.27
Residential Home Energy Services  Residential Behavior/Feedback Program	ç	33,903	\$ \$		\$ 200,300	\$		\$	,	۶ \$		э \$	23,744	\$	75,099	۶ \$		\$	5,509	2.27
2. Residential Products	\$ <b>\$</b>	29.195	•	45,217	•		104.612		39.186			۶ \$	13.632	•	64.851		543.483		64	2.24
	ş	-,	•	•		•	- ,-	•	,	•	,	<b>,</b>	-,	•	- ,	•	,	•		
Residential Cooling & Heating Equipment	\$	6,885	•	8,700			25,865		8,350			-	-	\$	15,527		115,527		662	0.78
Residential Lighting	\$	11,020	•	21,204			39,900		17,746		,	\$	11,032		40,266		241,298		39	3.74
Residential Consumer Products	Ÿ	11,291	•	15,313			38,847		13,090		-,	\$	2,600	\$	9,058		186,658	\$	78	1.45
3. Residential Hard-to-Measure	\$	17,311		42,000			21,673	-	16,041	•	187,025	•	-	\$	-	\$	187,025			
Residential Statewide Marketing	\$	-	\$	42,000		\$	-	\$		\$	,	\$	-	\$	-	\$	42,000			
Residential DOER Assessment	\$	8,984	\$		\$	\$	-	\$	,	\$	10,023	\$	-	Ş	-	\$	10,025			
Residential EEAC Consultants	\$	-	\$		\$ -	\$	-	\$	-	\$		\$	-	\$	-	\$	-			
Residential Sponsorship & Subscriptions	\$	-	\$		\$ -	\$	-	\$	-	\$		\$	-	\$	-	\$	-			
Residential HEAT Loan	\$	7,250	\$	-	\$ 90,000	\$	12,750	\$	-	\$	110,000	\$	-	\$	-	\$	110,000			
Residential Workforce Development	\$	-	\$	-	\$ -	\$	-	\$	15,000	\$	15,000	\$	-	\$	-	\$	15,000			
Residential R&D and Demonstration	\$	200	\$	-	\$ -	\$	1,800	\$	-	\$	2,000	\$	-	\$	-	\$	2,000			
Residential Education	\$	877	\$	-	\$ -	\$	7,123	\$	-	\$	8,000	\$	-	\$	-	\$	8,000			
Low-Income	\$	52,369	\$	52,643	\$ 362,430	\$	187,770	\$	44,497	\$	699,708	\$	19,966	\$	94,219	\$	813,893	\$	3,803	1.37
4. Low-Income Whole House	\$	46,179	\$	37,643	\$ 362,430	\$	173,370	\$	43,965	\$	663,587	\$	19,966	\$	94,219	\$	777,772	\$	3,606	1.45
Low-Income New Construction	\$	5,089	\$	5,963	\$ 40,350	\$	19,166	\$	4,433	\$	75,000	\$	3,476	\$	94,219	\$	172,694	\$	4,412	1.77
Low-Income Single Family Retrofit	\$	23,410	\$	15,248	\$ 179,080	\$	86,890	\$	23,959	\$	328,587	\$	13,039	\$	-	\$	341,626	\$	2,567	1.76
Low-Income Multi-Family Retrofit	\$	17,680	\$	16,432	\$ 143,000	\$	67,314	\$	15,574	\$	260,000	\$	3,452	\$	-	\$	263,452	\$	6,667	0.95
5. Low-Income Hard-to-Measure	\$	6,189	\$	15,000	\$ -	\$	14,400	\$	532	\$	36,121	\$	-	\$	-	\$	36,121			
Low-Income Statewide Marketing	\$	· -	\$	15,000	\$ -	\$	-	\$	_	\$		\$	-	\$	-	\$	15,000			
Low-Income DOER Assessment	Ś	4,589	Ś	-	\$ -	Ś	_	Ś	532	Ś	5,121	Ś	-	Ś	_	Ś	5,121			
Low-Income Energy Affordability Network	Ś	1,600	•	-	, \$ -	Ś	14,400	Ś		\$	16,000		_	Ś	_	\$	16,000			
Commercial & Industrial	Ś	182,053	•	219,175		Ś	534.340			Ś	2,972,898		195,045	Ś	2,693,554	Ś	5,861,496	Ś	11,134	5.23
6. C&I New Construction	Ś	28,944	•	35,000			90,081	•	30,000	•		Ś	17,180		476,054	•	993,234		3,333	3.40
C&I New Construction	Ś	28.944	•	35.000			90,081	-	30.000			Ś	17.180		476,054		993,234		3,333	3.40
7. C&I Retrofit	Ś	136,280	•	156,575	,		444,259		151,259		2,426,519	•	177,865	•	2,217,500		4,821,883		20,739	5.71
C&I Retrofit	Š	72,282		76,275			228,307	-	82,509		1,326,519		122,849		1,409,510		2,858,877		32,354	7.25
C&I Direct Install	Ś	63,998	•	80.300			215,952		68,750		1,100,000		55,016		807,990		1,963,006		14.474	3.85
8. C&I Hard-to-Measure	Ġ	16,829	•	27.600	. ,	Ś	-	Ś	1,950		46,379		33,010	Ś	-	Ś	46,379	Y	17,77	3.03
C&I Statewide Marketing	¢	10,023	\$	27,600	•	Ś	-	Ś	•	\$		\$	-	\$	-	\$	27,600			
C&I DOER Assessment	ş ¢	16,829	\$ \$	,	, - \$ -	\$	-	\$		\$ \$		э \$	-	ş	-	ş S	18,779			
C&I EEAC Consultants	ې د	10,029	\$ \$		; ; -	\$	-	\$		\$ \$		Ş	-	\$ \$	-	\$ \$	18,779			
	\$	-	\$ \$		; ; -	\$	-	\$	-	\$ \$		\$ \$	-	ç	-	\$ \$	-			
C&I Sponsorships & Subscriptions	Þ	-	Ş	-	-	Þ	-	Þ	-	Ş	-	Þ	-	Þ	-	Ş	-			

						9	Sum of Sales,													
	Sum	of Program			Sum of		Technical	Sum	of Evaluation				Sum of							Resource
	Pla	nning and	Sum of M	arketing	Participant		Assistance &	aı	nd Market	S	um of Total	P	erformance		Sum of	Su	ım of Total	C	ost per	Benefit per
	Adm	inistration	and Adve	ertising	Incentive		Training	- 1	Research	Pr	ogram Costs		Incentive	Par	ticipant Costs	Res	source Costs	Pai	rticipant	Dollar Spent
Evaluated	\$	329,857	\$	101,547	\$ 3,109,769	\$	866,918	\$	122,798	\$	4,530,889	\$	314,464	\$	4,091,393	\$	8,936,746	\$	423	6.96
Residential	\$	98,153	\$	55,819	\$ 907,292	\$	285,143	\$	29,061	\$	1,375,468	\$	70,644	\$	481,499	\$	1,927,611	\$	135	3.57
1. Residential Whole House	\$	51,181	\$	4,398	\$ 585,621	\$	157,641	\$	13,781	\$	812,622	\$	56,103	\$	318,312	\$	1,187,038	\$	2,016	4.19
Residential New Construction & Major Renovation	\$	11,930	\$	-	\$ 80,911	\$	26,784	\$	2,139	\$	121,763	\$	12,368	\$	76,535	\$	210,666	\$	1,309	6.54
Residential Multi-Family Retrofit	\$	9,225	\$	780	\$ 35,012	\$	19,515	\$	3,331	\$	67,864	\$	411	\$	8,264	\$	76,538	\$	771	1.12
Residential Home Energy Services	\$	30,026	\$	3,618	\$ 469,698	\$	111,341	\$	8,311	\$	622,995	\$	43,325	\$	233,514	\$	899,833	\$	2,806	4.07
Residential Behavior/Feedback Program	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-
2. Residential Products	\$	32,842	\$	18,312	\$ 173,001	\$	116,967	\$	14,985	\$	356,107	\$	14,541	\$	163,187	\$	533,835	\$	36	4.23
Residential Cooling & Heating Equipment	\$	4,408	\$	607	\$ 68,834	\$	17,561	\$	2,721	\$	94,131	\$	1,659	\$	31,602	\$	127,392	\$	765	2.22
Residential Lighting	\$	14,276	\$	10,221	\$ 80,281	\$	49,879	\$	5,837	\$	160,493	\$	11,156	\$	119,343	\$	290,992	\$	19	6.75
Residential Consumer Products	\$	14,158	\$	7,484	\$ 23,886	\$	49,527	\$	6,427	\$	101,483	\$	1,727	\$	12,242	\$	115,451	\$	83	2.12
3. Residential Hard-to-Measure	\$	14,131	\$	33,109	\$ 148,669	\$	10,535	\$	295	\$	206,738	\$	-	\$	-	\$	206,738			
Residential Statewide Marketing	\$	-	\$	33,109	\$ -	\$	-	\$	-	\$	33,109	\$	-	\$	-	\$	33,109			
Residential DOER Assessment	\$	14,131	\$	-	\$ -	\$	-	\$	-	\$	14,131	\$	-	\$	-	\$	14,131			
Residential EEAC Consultants	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-			
Residential Sponsorship & Subscriptions	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-			
Residential HEAT Loan	\$	-	\$	-	\$ 148,669	\$	2,923	\$	-	\$	151,592	\$	-	\$	-	\$	151,592			
Residential Workforce Development	\$	-	\$	-	\$ -	\$	-	\$	295	\$	295	\$	-	\$	-	\$	295			
Residential R&D and Demonstration	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-			
Residential Education	\$	-	\$	-	\$ -	\$	7,612	\$	-	\$	7,612	\$	-	\$	-	\$	7,612			
Low-Income	\$	44,409	Ś	8,300	\$ 366,982	\$	130,683	\$	14,631	\$	565,005	\$	21,805	\$	3,752	\$	590,562	\$	1,682	1.86
4. Low-Income Whole House	\$	38,063	\$	· -	\$ 366,982	\$	130,683	\$	14,631	\$	550,359	\$	21,805	\$	3,752	\$	575,916	\$	1,638	1.91
Low-Income New Construction	\$	5,865	\$	-	\$ -	\$	12,922	\$	1,621	\$	20,407	\$	-	\$	-	\$	20,407	\$	-	-
Low-Income Single Family Retrofit	\$	21,045	\$	-	\$ 248,277	\$	87,896	\$	9,365	\$	366,582	\$	15,459	\$	3,752	\$	385,792	\$	2,842	2.32
Low-Income Multi-Family Retrofit	\$	11,153	\$	-	\$ 118,706	\$	29,866	\$	3,645	\$	163,370	\$	6,346	\$	, -	\$	169,717	\$	789	1.22
5. Low-Income Hard-to-Measure	\$	6,346		8,300	\$ -	\$	· -	\$	· -	\$	14,646	\$		\$	-	\$	14,646			
Low-Income Statewide Marketing	Ś	-	Ś	8,300	\$ -	Ś	_	Ś	_	Ś	8,300	Ś	-	Ś	-	Ś	8,300			
Low-Income DOER Assessment	Ś	6,346	S	,	\$ -	Ś	_	S	_	Ś		Ś	-	Ś	_	S	6,346			
Low-Income Energy Affordability Network	Ś	-	S	_	\$ -	Ś	_	S	_	Ś		Ś	-	Ś	_	S	-			
Commercial & Industrial	Ś	187,295	Ś	37,427	\$ 1,835,495	Ś	451,092	Ś	79,106	Ś	2,590,416	Ś	222,014	\$	3,606,143	Ś	6,418,573	Ś	12,698	9.87
6. C&I New Construction	s .	36,822	•	,	\$ 223,776		97,532		14,187	Ś	379,697		17,851	•	178,089	Ś	575,637	•	2,990	5.37
C&I New Construction	Ś	36,822	•	7,380	\$ 223,776		97,532		14,187	•	379,697		17,851	•	178,089		575,637	•	2,990	5.37
7. C&I Retrofit	Ś	127,193		671	. ,		353,560		64,919		2,158,062		204,163		3,428,054		5,790,279		28,027	10.90
C&I Retrofit	Ś	71,980	•		\$ 695,551		232,010		45,904	•	1,045,445		170,098	•	2,913,849		4,129,392	•	104,545	18.74
C&I Direct Install	Ś	55,214			\$ 916,168		121,549			Ś	1,112,617		34,066			Ś	1,660,887		16,606	3.55
8. C&I Hard-to-Measure	Ś	23,280			\$ -	Ś	-	Ś	,	\$	52,657			\$	-	\$	52,657	*	,	2.33
C&I Statewide Marketing	Ś		Ś	,	\$ -	Ś	_	Ś	_	Ś	29,377			Ś	-	Ś	29,377			
C&I DOER Assessment	Ś	23,280	т	,	\$ -	\$	_	Ś	_	Ś		Ś		Ś	_	Ś	23,280			
C&I EEAC Consultants	Ś	-	\$	_	\$ -	Ś	_	Ś	_	Ś	-	Ś		Ś	_	Ś	-			
C&I Sponsorships & Subscriptions	\$	_	\$		\$ -	\$	_	\$	_	Ś		Ś		Ś	_	\$	_			
car sponsoranipa a subscriptions	ب		7		-	ب		Ļ		ب		Ļ		ų		Ļ				

	Pla	of Program nning and inistration		of Marketing Advertising	Sum of Participant Incentive		Sum of Sales, Technical Assistance & Training	Sum of Eval and Mai Resear	rket		um of Total ogram Costs		Sum of erformance Incentive	Par	Sum of ticipant Costs		m of Total ource Costs		Cost per rticipant	Resource Benefit per Dollar Spent
Planned	Ś	349,606	,	418.803	\$ 3,034,38		1,047,379	ć 2/	49,180	_	5,199,357	,	228,144	,	2,501,967		7,929,468	,	606	3.50
Residential	÷	110,356	•	139,394	,,			-	16,298	•	1,444,288		38,408		2,501,967	•	1,765,733		178	3.50 1.67
1. Residential Whole House	ç	62,280	•	50,624			•	-	59,762	•	767,252		27,279		211,012	•	1,005,543		3,619	1.71
Residential New Construction & Major Renovation	Š	12.194	•	10.579	. ,			•	14.848	•	185.600		3.332		125.892		314.825		3,949	1.08
Residential Multi-Family Retrofit	ş	13,590	•	15,000					16,000	•	200,000	•	5,053		10,644		215,696		3,636	0.96
,	ې د	,			. ,		,		,	•					74,476		475,022		,	
Residential Home Energy Services	\$	36,496	•	25,044	. ,				28,914	•	381,652		•	\$	,		,		3,470	2.41
Residential Behavior/Feedback Program	\$	-	\$		\$ -	- 7		\$		\$		\$	-	\$		\$		\$	-	-
2. Residential Products	\$	30,098	•	46,770			•	-	40,494	•	480,000		•	\$	72,025	•	563,154		61	2.30
Residential Cooling & Heating Equipment	\$	6,885		8,700	. ,			-	8,350	•			-	\$	16,172		116,172		629	0.81
Residential Lighting	\$	11,600		22,320	. ,		,		18,680	•			9,694		48,976		258,670		36	4.14
Residential Consumer Products	\$	11,613		15,750	. ,		,	-	13,464	•			1,435	\$	6,877		188,312	\$	81	1.09
3. Residential Hard-to-Measure	\$	17,979	•	42,000				•	16,042	•	197,035	•	-	\$	-	\$	197,035			
Residential Statewide Marketing	\$	-	\$	42,000		\$		\$		\$	,		-	\$	-	\$	42,000			
Residential DOER Assessment	\$	8,993	\$	-	\$ -	\$		\$	1,042	\$	10,035	\$	-	\$	-	\$	10,035			
Residential EEAC Consultants	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-			
Residential Sponsorship & Subscriptions	\$	-	\$	- :	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-			
Residential HEAT Loan	\$	7,909	\$	- :	\$ 98,18	32 \$	13,909	\$	-	\$	120,000	\$	-	\$	-	\$	120,000			
Residential Workforce Development	\$	-	\$	-	\$ -	\$	-	\$ 1	15,000	\$	15,000	\$	-	\$	-	\$	15,000			
Residential R&D and Demonstration	\$	200	\$	- :	\$ -	\$	1,800	\$	-	\$	2,000	\$	-	\$	-	\$	2,000			
Residential Education	\$	877	\$	- :	\$ -	\$	7,123	\$	-	\$	8,000	\$	-	\$	-	\$	8,000			
Low-Income	\$	53,581	\$	53,425	\$ 371,55	io \$	192,288	\$ 4	45,726	\$	716,569	\$	11,832	\$	70,663	\$	799,064	\$	4,071	1.38
4. Low-Income Whole House	\$	47,387	\$	38,425	\$ 371,55	io \$	177,888	\$ 4	45,194	\$	680,443	\$	11,832	\$	70,663	\$	762,938	\$	3,866	1.45
Low-Income New Construction	\$	5,089	\$	5,963	\$ 40,35	50 \$	19,166	\$	4,433	\$	75,000	\$	2,406	\$	70,663	\$	148,069	\$	5,769	2.19
Low-Income Single Family Retrofit	\$	24,618	\$	16,030	\$ 188,20	00 \$	91,408	\$ 2	25,188	\$	345,443	\$	6,951	\$	-	\$	352,394	\$	2,786	1.69
Low-Income Multi-Family Retrofit	\$	17,680	Ś	16,432	\$ 143,00	00 Ś	67,314	\$ 1	15,574	Ś	260,000	Ś	2,475	Ś	_	\$	262,475	Ś	6,667	0.93
5. Low-Income Hard-to-Measure	Ś	6,194		15,000	. ,	\$		-	532	•	36,126		-	Ś	_	\$	36,126	•	-,	-
Low-Income Statewide Marketing	S	-	\$	15,000		Ś	•	\$	_	\$			_	Ś	_	S	15,000			_
Low-Income DOER Assessment	Ś	4,594			, \$ -	Ś	_	Ś	532	Ś	5,126		_	Ś	_	Ś	5,126			_
Low-Income Energy Affordability Network	Ś	1,600		_		Ś		Ś		Ś	16,000		_	Ś	_	\$	16,000			_
Commercial & Industrial	Š	185,669		225,985		- 7	,	-		•	3,038,501		177,904	-	2,148,267	Ś	5,364,671	Ġ	10,852	4.87
6. C&I New Construction	Š	28,944		35,000				-	30,000	•	500,000		18.970		49,565	•	568,535		3,125	3.37
C&I New Construction	Ġ	28,944	•	35,000			•		30,000	•	500,000		18,970	•	49,565		568,535	•	3,125	3.37
7. C&I Retrofit	ć	139,909		160,985	. ,		,		55,207		2,489,736		158,934		2,098,701		4,747,372		20,748	5.27
C&I Retrofit	ċ	73,002	•	77,035	. , ,			•	83,332	•	1,339,736	•	107,479		1,338,698	•	2,785,913		32,676	6.69
C&I Direct Install	ڊ ذ	66,907		83,950	. ,		,		71,875						760,003		1,961,458		14,557	3.61
8. C&I Hard-to-Measure	ڊ خ	,		<b>30,000</b>	. ,	,∪ ,> Si		\$	1,949	•			31,433	ب \$	700,003	ب \$	48,764	٦	14,337	3.01
	Ç	16,816	<b>)</b> \$		•	<b>)</b> \$		<b>)</b> \$	1,949	<b>,</b> \$	48,764		-	ş S	-	•	•			
C&I Statewide Marketing	\$	10.010	•	30,000		\$ \$		\$ \$			,	\$	-	\$ \$	-	\$ \$	30,000			
C&I DOER Assessment	\$	16,816			•			\$ \$	,	\$	,	\$	-	\$ ¢	-		18,764			
C&I EEAC Consultants	\$	-	\$	-		\$		7	-	\$	-	Y	-	\$ ¢	-	\$	-			
C&I Sponsorships & Subscriptions	\$	-	\$	- :	5 -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-			

2015	Pla	of Program nning and ninistration		of Marketing Advertising	Sum of Participant Incentive		Sum of Sales, Technical Assistance & Training	an	f Evaluation d Market esearch		um of Total ogram Costs	P	Sum of Performance Incentive	Par	Sum of ticipant Costs		ım of Total cource Costs		Cost per rticipant	Resource Benefit per Dollar Spent
Planned	Ś	355,458		425,388	\$ 3,086,095		1,066,642		355,324	,	5,288,906		233,451	,	2,596,032		8,118,389	,	594	3.53
Residential	÷	355,458 112,178	•	425,388 141,442	. , ,		313,669		355,324 118,257	•	1,467,838		37,383		2,596,032	-	1,788,713	-	594 174	3.53 1.61
1. Residential Whole House	ż	63,383	•	51,381	. ,		180,470		60,636	•	778,793		27,284		216,499	-	1,022,576	-	3,818	1.69
Residential New Construction & Major Renovation	ş S	12.194	•	10.579			45,899		14.848	•	185.600		3.286		130.814		319.700		4.640	1.08
	\$ \$	, -		-,-	. ,				,		,		-,		,-		,		,	
Residential Multi-Family Retrofit	\$	13,590		15,000			50,610		16,000		200,000		4,936		10,644		215,579		3,636	0.97
Residential Home Energy Services	\$	37,600		25,802	. ,		83,961		29,788		,	\$	19,063		75,041		487,297		3,607	2.35
Residential Behavior/Feedback Program	\$	-	\$		\$ -	\$	-	\$		\$		\$	-	\$		\$		\$	-	
2. Residential Products	Ş	30,807	•	48,061	. ,		110,366		41,578	•	492,000		-,	\$	66,993	-	569,092	-	60	2.11
Residential Cooling & Heating Equipment	\$	6,885		8,700	. ,		25,865		8,350				-	\$	16,172		116,172		629	0.79
Residential Lighting	\$	12,180		23,436	. ,		44,100		19,614		,		-,	\$	43,943		262,701		36	3.62
Residential Consumer Products	\$	11,742		15,925			40,401		13,614		,		1,340	\$	6,878		190,218	\$	82	1.09
3. Residential Hard-to-Measure	\$	17,987	•	42,000	\$ 98,182		22,832		16,043	•	197,045		-	\$	-	\$	197,045			
Residential Statewide Marketing	\$	-	\$	42,000		\$	-	\$		\$	42,000	\$	-	\$	-	\$	42,000			
Residential DOER Assessment	\$	9,002	\$	-	\$ -	\$	-	\$	1,043	\$	10,045	\$	-	\$	-	\$	10,045			
Residential EEAC Consultants	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-			
Residential Sponsorship & Subscriptions	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-			
Residential HEAT Loan	\$	7,909	\$	-	\$ 98,182	2 \$	13,909	\$	-	\$	120,000	\$	-	\$	-	\$	120,000			
Residential Workforce Development	\$	-	\$	-	\$ -	\$	-	\$	15,000	\$	15,000	\$	-	\$	-	\$	15,000			
Residential R&D and Demonstration	\$	200	\$	-	\$ -	\$	1,800	\$	_	\$	2,000	\$	-	\$	-	\$	2,000			
Residential Education	\$	877	\$	=	\$ -	\$	7,123	\$	-	\$	8,000	\$	-	\$	-	\$	8,000			
Low-Income	\$	54,711	\$	54,306	379,989	\$	196,712	\$	46,783	\$	732,501	\$	12,534	\$	57,286	\$	802,321	\$	4,025	1.41
4. Low-Income Whole House	Ś	48,463		39,306	379,989	Š	181,862	Ś	46,250	Ś	695,870		12,534	Ś	57.286	Ś	765,691	Ś	3.823	1.48
Low-Income New Construction	Ś	5,429	•	6,360	. ,		20,443		4,728	•	80,000		2,709		57,286	Ś	139,996		5,714	2.21
Low-Income Single Family Retrofit	Ś	25,354		16,514	. ,		94,105		25,948		355,870		7,322		-	\$	363,192		2,759	1.72
Low-Income Multi-Family Retrofit	Ś	17,680	•	16,432			67,314		15,574		,		2,502		_	\$	262,502		6,667	0.93
5. Low-Income Hard-to-Measure	Ś	6,248		15,000	. ,	\$	14,850		533		36,631		-,	Ś	_	\$	36,631	*	-,	
Low-Income Statewide Marketing	Ś	-	\$	15,000		Ś	,	\$		\$			_	Ś	_	\$	15,000			
Low-Income DOER Assessment	Ś	4,598			, S -	Ś	_	Ś		Ś	5,131		_	ς	_	Ś	5,131			
Low-Income Energy Affordability Network	Ś	1,650			, \$ -	Ś	14,850			Ś	16,500		_	Ś	_	\$	16,500			
Commercial & Industrial	Ġ	188,569	•	229,640			556,261			Ś	3,088,567		183,534	-		\$	5,527,355	¢	10,505	4.94
6. C&I New Construction	ċ	28,944		35,000			90.081		30,000	•	500,000		19.972		48,246		568.218	-	2,924	3.52
C&I New Construction	ç	28,944	•	35,000	. ,		90,081	•	30,000	•	500,000		19,972	•	48,246		568,218	•	2,924	3.52
7. C&I Retrofit	÷,	142,823	•	164,640	. ,		466,180		158,337		2,539,818		163,563		2,207,007		4,910,388		20,649	5.32 5.32
	Ģ		•				•		,	•			•					-	•	
C&I Retrofit	\$ ¢	73,007	•	77,040			230,596		83,337		1,339,818		109,653		1,333,727		2,783,198		32,678	6.80
C&I Direct Install	\$	69,816		87,600	. ,		235,584		75,000		,,		53,909	\$	873,281		2,127,190	\$	14,634	3.65
8. C&I Hard-to-Measure	\$	16,802	•	30,000	•	\$	-	\$	1,947	•	48,750		-	\$	-	\$	48,750			
C&I Statewide Marketing	\$	-	\$	30,000	•	\$	-	\$		\$	,		-	\$	-	\$	30,000			
C&I DOER Assessment	\$	16,802			\$	\$	-	\$		\$		\$	-	\$	-	\$	18,750			
C&I EEAC Consultants	\$	-	\$		\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-			
C&I Sponsorships & Subscriptions	\$	-	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-			

							Sı	um of Sales,													
	Sun	of Program				Sum of		Technical	Sun	n of Evaluation				Sum of							Resource
		anning and	Sum	of Marketing		Participant		ssistance &		and Market	ς	um of Total		Performance		Sum of	,	Sum of Total		Cost per	Benefit per
		ministration		Advertising		Incentive		Training		Research		ogram Costs		Incentive	Par	rticipant Costs		esource Costs		rticipant	Dollar Spent
Budget for the Three-Year Term (Nominal\$): Year 1 Evaluate												-6				,					
Total	\$	1,034,921	\$	945,737	\$	9,230,254	\$	2,980,939	\$	827,301	\$	15,019,152	\$	776,060	\$	9,189,392	\$	24,984,604	\$	533	4.55
Residential	\$	320,688	\$	336,655	\$	2,459,163	\$	907,472	\$	263,616	\$	4,287,593	\$	146,436	\$	1,048,028	\$	5,482,057	\$	161	2.26
1. Residential Whole House	\$	176,844	\$	106,403	\$	1,425,125	\$	516,117	\$	134,179	\$	2,358,667	\$	110,667	\$	745,823	\$	3,215,157	\$	2,880	2.56
Residential New Construction & Major Renovation	\$	36,317	\$	21,158	\$	285,071	\$	118,582	\$	31,835	\$	492,963	\$	18,986	\$	333,242	\$	845,191	\$	2,739	2.43
Residential Multi-Family Retrofit	\$	36,405	\$	30,780	\$	244,612	\$	120,735	\$	35,331	\$	467,864	\$	10,399	\$	29,551	\$	507,814	\$	2,363	0.99
Residential Home Energy Services	\$	104,122	\$	54,464	\$	895,441	\$	276,800	\$	67,013	\$	1,397,840	\$	81,282	\$	383,030	\$	1,862,152	\$	3,170	3.13
Residential Behavior/Feedback Program	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-
2. Residential Products	\$	93,747	\$	113,143	\$	689,006	\$	335,155	\$	97,057	\$	1,328,107	\$	35,769	\$	302,205	\$	1,666,081	\$	51	2.75
Residential Cooling & Heating Equipment	\$	18,178	\$	18,007	\$	169,234	\$	69,292	\$	19,421	\$	294,131	\$	1,659	\$	63,947	\$	359,737	\$	667	1.26
Residential Lighting	\$	38,056	\$	55,977	\$	296,351	\$	135,979	\$	44,131	\$	570,493	\$	29,608	\$	212,261	\$	812,363	\$	29	4.68
Residential Consumer Products	\$	37,514	\$	39,159	\$	223,421	\$	129,884	\$	33,505	\$	463,483	\$	4,502	\$	25,997	\$	493,982	\$	81	1.31
3. Residential Hard-to-Measure	\$	50,097	\$	117,109	\$	345,033	\$	56,199	\$	32,380	\$	600,818	\$	-	\$	-	\$	600,818	\$	-	-
Residential Statewide Marketing	\$	-	\$	117,109	\$	-	\$	-	\$	-	\$	117,109	\$	-	\$	-	\$	117,109	\$	-	-
Residential DOER Assessment	\$	32,125	\$	-	\$	-	\$	-	\$	2,085	\$	34,210	\$	-	\$	-	\$	34,210	\$	-	-
Residential EEAC Consultants	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-
Residential Sponsorship & Subscriptions	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-
Residential HEAT Loan	\$	15,818	\$	-	\$	345,033	\$	30,741	\$	-	\$	391,592	\$	-	\$	-	\$	391,592	\$	-	-
Residential Workforce Development	\$	-	\$	-	\$	-	\$	-	\$	30,295	\$	30,295	\$	-	\$	-	\$	30,295	\$	-	-
Residential R&D and Demonstration	\$	400	\$	-	\$	-	\$	3,600	\$	-	\$	4,000	\$	-	\$	-	\$	4,000	\$	-	-
Residential Education	\$	1,754	\$	-	\$	-	\$	21,858	\$	-	\$	23,612	\$	-	\$	-	\$	23,612	\$	-	-
Low-Income	\$	152,700	\$	116,031	\$	1,118,521	\$	519,683	\$	107,140	\$	2,014,076	\$	46,171	\$	131,701	\$	2,191,948	\$	2,902	1.52
4. Low-Income Whole House	\$	133,913	•	77,731		1,118,521		490,433	-	106,075		1,926,673		46,171		131,701		2,104,545		2,776	1.59
Low-Income New Construction	\$	16,383		12,323	•	,	•	52,531		10,781		175,407		5,115		,	\$	308,472		6,497	1.94
Low-Income Single Family Retrofit	\$	71,016		32,544		630,425		273,409		60,500		1,067,895		29,732		3,752		1,101,379		2,796	1.92
Low-Income Multi-Family Retrofit	\$	46,513	\$	32,864	\$	404,706	\$	164,494	\$	34,793	\$	683,370	\$	11,324	\$	-	\$	694,694	\$	2,398	1.00
5. Low-Income Hard-to-Measure	\$	18,787	\$	38,300	\$	-	\$	29,250	\$	1,065	\$	87,403	\$	-	\$	-	\$	87,403	\$	-	-
Low-Income Statewide Marketing	\$	-	\$	38,300	\$	-	\$	-	\$		\$	38,300		=	\$	-	\$	,	\$	-	-
Low-Income DOER Assessment	\$	15,537	\$	-	\$	-	\$	-	\$	1,065	\$	16,603	\$	-	\$	-	\$	16,603	\$	-	-
Low-Income Energy Affordability Network	\$	3,250		-	\$	-	\$	29,250	\$	-	\$	32,500	\$	=	\$	-	\$	32,500	\$	-	-
Commercial & Industrial	\$	561,533		493,052		-,,-	\$	1,553,784		456,546	•	8,717,484	_	583,453	\$	8,009,663	•	17,310,599		11,205	6.38
6. C&I New Construction	\$	94,710	•	77,380	•	855,726		,	-	74,187		1,379,697		56,792	•	275,900		1,712,389	•	3,012	3.97
C&I New Construction	\$	94,710		77,380	\$	855,726	\$	277,694	\$	74,187	\$	1,379,697	\$	56,792	\$	275,900	\$	1,712,389	\$	3,012	3.97
7. C&I Retrofit	\$	409,925		326,295			\$	1,276,090		378,462	•	7,187,616		526,660		7,733,763			\$	22,461	6.98
C&I Retrofit	\$	217,989	\$	154,074	\$	2,447,175	\$	693,189	\$	212,573	\$	3,724,999	\$	387,230	\$	5,586,274	\$	9,698,503	\$	40,489	10.11
C&I Direct Install	\$	191,937	\$	172,221	\$	2,349,668	\$	582,901	\$	165,890	\$	3,462,617	\$	139,430	\$	2,147,489	\$	5,749,536	\$	15,187	3.61
8. C&I Hard-to-Measure	\$	56,898	\$	89,377	\$	-	\$	-	\$	3,896	\$	150,171	\$	-	\$	-	\$	150,171	\$	-	-
C&I Statewide Marketing	\$	-	\$	89,377	\$	-	\$	-	\$	-	\$	89,377	\$	-	\$	-	\$	89,377	\$	-	-
C&I DOER Assessment	\$	56,898	\$	-	\$	-	\$	-	\$	3,896	\$	60,794	\$	-	\$	-	\$	60,794	\$	-	-
C&I EEAC Consultants	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-
C&I Sponsorships & Subscriptions	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-

#### Significant Planned Budget v Actual Expenditures Variances (Nominals) Report - Electric Division Rocc 39 of 45 Budget Table 3

				Planned				Planned Total		Preliminary
		2013		2014		2015				2013
Residential	\$	1,413,098	\$	1,444,288	\$	1,467,838	\$	4,325,224		1,375,46
1. Residential Whole House	\$	761,073	\$	767,252	\$	778,793	\$	2,307,118	\$	812,62
Residential New Construction & Major Renovation	\$	185,600	\$	185,600	\$	185,600	\$	556,800		121,76
Residential Multi-Family Retrofit	\$	200,000	\$	200,000	\$	200,000	\$	600,000	\$	67,86
Residential Home Energy Services	\$	375,473	\$	381,652	\$	393,193	\$	1,150,318	\$	622,99
Residential Behavior/Feedback Program	\$	-	\$	-	\$	-	\$	-	\$	-
2. Residential Products	\$	465,000	\$	480,000	\$	492,000	\$	1,437,000	\$	356,10
Residential Cooling & Heating Equipment	\$	100,000	\$	100,000	\$	100,000	\$	300,000	\$	94,13
Residential Lighting	\$	190,000	\$	200,000	\$	210,000	\$	600,000	\$	160,49
Residential Consumer Products	\$	175,000	\$	180,000	\$	182,000	\$	537,000	\$	101,48
3. Residential Hard-to-Measure	\$	187,025	\$	197,035	\$	197,045	\$	581,105	\$	206,7
Residential Statewide Marketing	\$	42,000	\$	42,000	\$	42,000	\$	126,000	\$	33,10
Residential DOER Assessment	\$	10,025	\$	10,035	\$	10,045	\$	30,105	\$	14,1
Residential EEAC Consultants	\$	-	\$	-	\$	-	\$	-	\$	-
Residential Sponsorship & Subscriptions	\$	-	\$	-	\$	-	\$	-	\$	-
Residential HEAT Loan	\$	110,000	\$	120,000	\$	120,000	\$	350,000	\$	151,5
Residential Workforce Development	\$	15,000	\$	15,000	\$	15,000	\$	45,000	\$	2:
Residential R&D and Demonstration	\$	2,000	\$	2,000	\$	2,000	\$	6,000	\$	-
Residential Education	\$	8,000	\$	8,000	\$	8,000	\$	24,000	\$	7,6
Low-Income	\$	699,708	\$	716,569	\$	732,501	\$	2,148,778	\$	565,00
4. Low-Income Whole House	\$	663,587	\$	680,443	\$	695,870	\$	2,039,900	\$	550,3
Low-Income New Construction	\$	75,000	\$	75,000	\$	80,000		230,000		20,4
Low-Income Single Family Retrofit	\$	328,587	\$	345,443	\$	355,870	\$	1,029,900	\$	366,5
Low-Income Multi-Family Retrofit	\$		\$	260,000	\$	260,000	\$	780,000		163,3
5. Low-Income Hard-to-Measure	\$	36,121	\$	36,126		36,631	\$	108,878		14,6
Low-Income Statewide Marketing	\$		\$	15,000	\$	15,000	\$	45,000	\$	8,3
Low-Income DOER Assessment	\$	5,121	Ś	5.126	\$	5,131	Ś	15,378	\$	6,3
Low-Income Energy Affordability Network	\$	16,000	\$	16,000	\$	16,500	\$	48,500	\$	· -
Commercial & Industrial	\$	2,972,898	\$	3,038,501	\$	3,088,567	\$	9,099,966		2,590,4
6. C&I New Construction	\$	500,000		500,000	\$	500,000		1,500,000		379,69
C&I New Construction	Ś		\$	500,000	\$	500,000		1,500,000		379,69
7. C&I Retrofit	Ś	2,426,519		2,489,736	Ś	2,539,818		7,456,073		2,158,0
C&I Retrofit	S		Ś	1,339,736	Ś	1,339,818	\$	4,006,073	•	1,045,4
C&I Direct Install	\$		\$	1,150,000	\$		\$	3,450,000		1,112,6
8. C&I Hard-to-Measure	Ś		\$	48,764	Ś	48,750	\$	143,893		52,6
C&I Statewide Marketing	\$	•	\$	30,000	\$	30,000	\$	87,600		29,3
C&I DOER Assessment	\$	18,779	\$	18,764	\$	18,750	\$	56,293	\$	23,2
C&I EEAC Consultants	\$	-	\$	-	\$	10,730	\$	30,233	\$	-
C&I Sponsorships & Subscriptions	۶ \$	-	۶ \$	-	۶ \$	-	۶ \$		۶ \$	-
rand Total	Ş Š	5,085,704	\$	5,199,357	-	5,288,906	\$	15,573,967	۶ \$	4,530,8

#### Significant Planned Budget v Actual Expenditures Variances (Nominals) Report - Electric Division Budget Table 3

Planned v Actual Budget Variances	Planned Three-Ye	ar Goal Cumulative A	chievement by Year	Actual Plan-Year Three- Year Goal Cumulative	Three-Year Goal Cumulative
	2013	2014	2015	Achievement	Achievement
Residential	33%	66%	100%	32%	-3%
1. Residential Whole House	33%	66%	100%	35%	7%
Residential New Construction & Major Renovation	33%	67%	100%	22%	-34%
Residential Multi-Family Retrofit	33%	67%	100%	11%	-66%
Residential Home Energy Services	33%	66%	100%	54%	66%
Residential Behavior/Feedback Program	0%	0%	0%	0%	0%
2. Residential Products	32%	66%	100%	25%	-23%
Residential Cooling & Heating Equipment	33%	67%	100%	31%	-6%
Residential Lighting	32%	65%	100%	27%	-16%
Residential Consumer Products	33%	66%	100%	19%	-42%
3. Residential Hard-to-Measure	32%	66%	100%	36%	11%
Residential Statewide Marketing	33%	67%	100%	26%	-21%
Residential DOER Assessment	33%	67%	100%	47%	41%
Residential EEAC Consultants	0%	0%	0%	0%	0%
Residential Sponsorship & Subscriptions	0%	0%	0%	0%	0%
Residential HEAT Loan	31%	66%	100%	43%	38%
Residential Workforce Development	33%	67%	100%	1%	-98%
Residential R&D and Demonstration	33%	67%	100%	0%	-100%
Residential Education	33%	67%	100%	32%	-5%
.ow-Income	33%	66%	100%	26%	-19%
4. Low-Income Whole House	33%	66%	100%	27%	-17%
Low-Income New Construction	33%	65%	100%	9%	-73%
Low-Income Single Family Retrofit	32%	65%	100%	36%	12%
Low-Income Multi-Family Retrofit	33%	67%	100%	21%	-37%
5. Low-Income Hard-to-Measure	33%	66%	100%	13%	-59%
Low-Income Statewide Marketing	33%	67%	100%	18%	-45%
Low-Income DOER Assessment	33%	67%	100%	41%	24%
Low-Income Energy Affordability Network	33%	66%	100%	0%	-100%
Commercial & Industrial	33%	66%	100%	28%	-13%
6. C&I New Construction	33%	67%	100%	25%	-24%
C&I New Construction	33%	67%	100%	25%	-24%
7. C&I Retrofit	33%	66%	100%	29%	-11%
C&I Retrofit	33%	67%	100%	26%	-21%
C&I Direct Install	32%	65%	100%	32%	1%
8. C&I Hard-to-Measure	32%	66%	100%	37%	14%
C&I Statewide Marketing	32%	66%	100%	34%	6%
C&I DOER Assessment	33%	67%	100%	41%	24%
C&I EEAC Consultants	0%	0%	0%	0%	0%
C&I Sponsorships & Subscriptions	0%	0%	0%	0%	0%
Grand Total	33%	66%	100%	29%	-11%

<sup>-</sup> Plan-year core initiative significant variance explanations are required for: (1) variances between planned and actual core initiative budget of 15 percent or greater. See Appendix 1 for more information.

<sup>-</sup> Variances are calculated by percent of three-year goal (i.e., variance calculated as the percentage difference between the percentage of the Three-Year Plan goals planned to be achieved through the Plan-Year Report year compared to the percentage of the Three-Year Plan goals actually achieved through the Plan-Year Report year).

# Cost-Effectiveness (2013\$): Plan-Year Analysis 2013 Plan-Year Report - Electric Division

Cost-Effectiveness Table 1

6/20/2014 Electric Date of Filing **Distribution Company** Program Administrator Unitil 2013

		um of Total ogram Costs		Sum of Performance	Pa	Sum of rticipant Costs		Sum of Total esource Costs		Sum of Total	ç	m of Total Net	Benefit Cost
	Pi	(2013\$)		centive (2013\$)	Pa	(2013\$)	K	(2013\$)		Benefits	Su	Benefits	Ratio
Planned	\$	5,085,704	\$	262,132	\$	3,062,471	\$	8,410,307	\$	21,327,506	\$	12,917,199	2.54
Residential	\$	1,413,098	\$	47,121	\$	274,699	\$	1,734,918	\$	3,540,108	\$	1,805,191	2.04
1. Residential Whole House	\$	761,073	\$	33,490	\$	209,847	\$	1,004,410	\$	2,426,352	\$	1,421,942	2.42
Residential New Construction & Major Renovation	\$	185,600	\$	5,437	\$	125,505	\$	316,542	\$	486,201	\$	169,658	1.54
Residential Multi-Family Retrofit	\$	200,000	\$	4,313	\$	10,644	\$	214,957	\$	364,611	\$	149,655	1.70
Residential Home Energy Services	\$	375,473	\$	23,740	\$	73,699	\$	472,911	\$	1,575,541	\$	1,102,629	3.3
Residential Behavior/Feedback Program	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-
2. Residential Products	\$	465,000	\$	13,631	\$	64,851	\$	543,482	\$	1,113,756	\$	570,274	2.0
Residential Cooling & Heating Equipment	\$	100,000	\$	-	\$	15,527	\$	115,527	\$	112,464	\$	(3,063)	0.9
Residential Lighting	\$	190,000	\$	11,030	\$	40,266	\$	241,296	\$	747,244	\$	505,948	3.1
Residential Consumer Products	\$	175,000	\$	2,601	\$	9,058	\$	186,659	\$	254,048	\$	67,389	1.3
3. Residential Hard-to-Measure	\$	187,025	\$	-	\$	-	\$	187,025	\$	-	\$	(187,025)	-
Low-Income	\$	699,708	\$	19,966	\$	94,219	\$	813,893	\$	1,255,389	\$	441,496	1.5
4. Low-Income Whole House	\$	663,587	\$	19,966	\$	94,219	\$	777,772	\$	1,255,389	\$	477,617	1.6
Low-Income New Construction	\$	75,000	\$	3,478	\$	94,219	\$	172,697	\$		\$	74,415	1.4
Low-Income Single Family Retrofit	Ś	328,587	\$	13,032	Ś	, _	Ś	341,619	\$	692,419	Ś	350,801	2.0
Low-Income Multi-Family Retrofit	Ś	260,000	\$	3,457	\$	_	Ś	263,457	\$	315,858	\$	52,402	1.2
5. Low-Income Hard-to-Measure	Ś	36.121	Ś	-	\$	-	Ś	36.121	Ś	-	\$	(36,121)	
Commercial & Industrial	\$	2,972,898	•	195,045	\$	2,693,554	\$	5,861,496	\$	16,532,009	\$	10,670,512	2.8
6. C&I New Construction	Ś	500,000		17,184		476,054	Ś	993,239	Ś	1,699,970	•	706,731	1.7
C&I New Construction	Ś	500,000	\$	17,184	\$	476,054	\$	993,239	\$	1,699,970	\$	706,731	1.7
7. C&I Retrofit	\$	2,426,519	Ś		Ś	2,217,500	\$	4,821,879	Ś		Ś	10,010,161	3.0
C&I Retrofit	\$	1,326,519	\$	122,842	•	1,409,510	\$	2,858,871	\$	10,005,284	\$	7,146,413	3.5
C&I Direct Install	\$	1,100,000	\$	55,018	\$	807,990	\$	1,963,008	\$	4,826,756	\$	2,863,748	2.4
8. C&I Hard-to-Measure	Ś	46,379	\$	33,010	\$	507,550	\$	46,379	Ś	4,020,730	\$	(46,379)	2.4
valuated	\$	4,530,889	\$	314,464	\$	4,091,393	\$	8,936,746	\$	36,032,364	\$	27,095,618	4.0
Residential	\$	1,375,468	\$	70,644	\$	481,499	\$	1,927,611	_		\$	5,249,754	3.7
1. Residential Whole House	Ś	812,622		56,103	\$	318,312	\$	1,187,038	\$		\$	4,415,547	4.7
Residential New Construction & Major Renovation	\$	121,763	\$	12,368	\$	76,535	\$	210,666	\$	1,207,403	\$	996,737	5.7
Residential Multi-Family Retrofit	\$	67,864	\$	411		8,264	\$	76,538	\$		\$	1,279	1.0
Residential Home Energy Services	\$	622,995	\$	43,325	\$	233,514	\$	899,833	\$	4,317,363	\$	3,417,530	4.8
Residential Behavior/Feedback Program	\$	022,993	\$	43,323	\$	255,514	\$	699,633	\$	4,317,303	\$	3,417,330	4.0
2. Residential Products	۶ \$		۶ \$	14,541	-	462.407	۶ \$	533,835	۶ \$	1,574,781	•	1,040,946	2.9
	<b>,</b> \$	356,107	•	•	<b>,</b>	163,187	<b>\$</b>	•	•		•		1.6
Residential Cooling & Heating Equipment	\$ \$	94,131	\$	1,659		31,602		127,392	\$	215,692	\$	88,301	
Residential Lighting		160,493	\$	11,156	\$	119,343	\$	290,992	\$	1,143,832		852,840	3.9
Residential Consumer Products	\$	101,483	\$	1,727	\$	12,242	\$	115,451		215,257	\$	99,805	1.8
3. Residential Hard-to-Measure	\$	206,738	\$	-	\$	-	\$	206,738	\$	-	\$	(206,738)	-
Low-Income	\$	565,005	\$	21,805	\$	3,752	\$	590,562		1,523,080	\$	932,518	2.5
4. Low-Income Whole House	\$	550,359	\$	21,805	\$	3,752	\$	575,916		1,523,080	\$	947,164	2.6
Low-Income New Construction	\$	20,407	\$	-	\$	-	\$	20,407	\$		\$	(20,407)	-
Low-Income Single Family Retrofit	\$	366,582	\$	15,459	\$	3,752	\$	385,792		1,073,898	\$	688,106	2.7
Low-Income Multi-Family Retrofit	\$	163,370	\$	6,346	\$	-	\$	169,717	\$	449,182		279,466	2.6
5. Low-Income Hard-to-Measure	\$	14,646	\$	-	\$	-	\$	14,646	\$	-	\$	(14,646)	-
Commercial & Industrial	\$	2,590,416		222,014		3,606,143	\$	6,418,573		27,331,919	\$	20,913,346	4.2
6. C&I New Construction	\$	379,697	\$	17,851		178,089	\$	575,637	\$	2,224,135	•	1,648,498	3.8
C&I New Construction	\$	379,697	\$	17,851		178,089	\$	575,637	\$	2,224,135	\$	1,648,498	3.8
7. C&I Retrofit	\$	2,158,062	•	- ,	\$	3,428,054	\$	5,790,279	\$	25,107,784	•	19,317,505	4.3
C&I Retrofit	\$	1,045,445	\$	170,098	\$	2,913,849	\$	4,129,392	\$	20,629,497	\$	16,500,106	5.0
C&I Direct Install	\$	1,112,617	\$	34,066	\$	514,205	\$	1,660,887	\$	4,478,287	\$	2,817,400	2.7
8. C&I Hard-to-Measure	\$	52,657	\$	-	\$	-	\$	52,657	\$	-	\$	(52,657)	-

# Cost-Effectiveness (2013\$): Plan-Year Analysis 2013 Plan-Year Report - Electric Division

Cost-Effectiveness Table 1

Date of Filing 6/20/2014 **Distribution Company** Electric Program Administrator Unitil 2013

Planned v Evaluated Variances	Sum of Total	Sum of	Sum of	Sum of Total			
Planned v Evaluated variances	Program Costs	Performance	Participant Costs	Resource Costs	Sum of Total	Sum of Total Net	<b>Benefit Cost</b>
	(2013\$)	Incentive (2013\$)	(2013\$)	(2013\$)	Benefits	Benefits	Ratio
Total Annual Variance	-11%	20%	34%	6%	69%	110%	59%
Residential	-3%	50%	75%	11%	103%	191%	82%
1. Residential Whole House	7%	68%	52%	18%	131%	211%	95%
Residential New Construction & Major Renovation	-34%	127%	-39%	-33%	148%	487%	273%
Residential Multi-Family Retrofit	-66%	-90%	-22%	-64%	-79%	-99%	-40%
Residential Home Energy Services	66%	82%	217%	90%	174%	210%	44%
Residential Behavior/Feedback Program	0%	0%	0%	0%	0%	0%	0%
2. Residential Products	-23%	7%	152%	-2%	41%	83%	44%
Residential Cooling & Heating Equipment	-6%	0%	104%	10%	92%	-2983%	74%
Residential Lighting	-16%	1%	196%	21%	53%	69%	27%
Residential Consumer Products	-42%	-34%	35%	-38%	-15%	48%	37%
3. Residential Hard-to-Measure	11%	0%	0%	11%	0%	11%	0%
Low-Income	-19%	9%	-96%	-27%	21%	111%	67%
4. Low-Income Whole House	-17%	9%	-96%	-26%	21%	98%	64%
Low-Income New Construction	-73%	-100%	-100%	-88%	-100%	-127%	-100%
Low-Income Single Family Retrofit	12%	19%	0%	13%	55%	96%	37%
Low-Income Multi-Family Retrofit	-37%	84%	0%	-36%	42%	433%	121%
5. Low-Income Hard-to-Measure	-59%	0%	0%	-59%	0%	-59%	0%
Commercial & Industrial	-13%	14%	34%	10%	65%	96%	51%
6. C&I New Construction	-24%	4%	-63%	-42%	31%	133%	126%
C&I New Construction	-24%	4%	-63%	-42%	31%	133%	126%
7. C&I Retrofit	-11%	15%	55%	20%	69%	93%	41%
C&I Retrofit	-21%	38%	107%	44%	106%	131%	43%
C&I Direct Install	1%	-38%	-36%	-15%	-7%	-2%	10%
8. C&I Hard-to-Measure	14%	0%	0%	14%	0%	14%	0%

The Plan-Year variances provided above are intended to indicate the Program Administrator's performance in the Plan-Year only. The variances used to determine significant variances are provided later in this report. The variances above and the significant variances use different calculations to determine variances on an annual basis and over the three-year term, respectively.

# Cost-Effectiveness for the Three-Year Term (2013\$) Plan-Year Report - Electric Division

Cost-Effectiveness Table 2

6/20/2014 Date of Filing Distribution Company Electric Program Administrator Unitil

	Pro	m of Total gram Costs (2013\$)		Sum of Performance centive (2013\$)	Pa	Sum of articipant Costs (2013\$)		Sum of Total esource Costs (2013\$)		Sum of Total Benefits	Sur	n of Total Net Benefits	Benefit Cost Ratio
2013													
Planned	\$	5,085,704	\$	262,132	\$	3,062,471	\$	8,410,307	\$	21,327,506	\$	12,917,199	2.54
Residential	\$	1,413,098	\$	47,121	\$	274,699	\$	1,734,918	\$	3,540,108	\$	1,805,191	2.04
1. Residential Whole House	\$	761,073	\$	33,490	\$	209,847	\$	1,004,410	\$	2,426,352	\$	1,421,942	2.42
Residential New Construction & Major Renov	\$	185,600	\$	5,437	\$	125,505	\$	316,542	\$	486,201	\$	169,658	1.54
Residential Multi-Family Retrofit	\$	200,000	\$	4,313	\$	10,644	\$	214,957	\$	364,611	\$	149,655	1.70
Residential Home Energy Services	\$	375,473	\$	23,740	\$	73,699	\$	472,911	\$	1,575,541	\$	1,102,629	3.33
Residential Behavior/Feedback Program	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-
2. Residential Products	\$	465,000	\$	13,631	\$	64,851	\$	543,482	\$	1,113,756	\$	570,274	2.05
Residential Cooling & Heating Equipment	\$	100,000	\$	-	\$	15,527	\$	115,527	\$	112,464	\$	(3,063)	0.97
Residential Lighting	\$	190,000	\$	11,030	\$	40,266	\$	241,296	\$	747,244	\$	505,948	3.10
Residential Consumer Products	\$	175,000	\$	2,601	\$	9,058	\$	186,659	\$		\$	67,389	1.36
3. Residential Hard-to-Measure	\$	187,025	\$	· -	\$	· -	\$	187,025	Ś	· <u>-</u>	\$	(187,025)	-
Low-Income	\$	699,708	Ś	19.966	Ś	94.219	Ś	813,893	Ś	1,255,389	Ś	441,496	1.54
4. Low-Income Whole House	\$	663,587	\$	19,966	\$	94,219	\$	777,772			\$	477,617	1.61
Low-Income New Construction	\$	75,000	\$	3,478	\$	94,219	\$	172,697		247,111		74,415	1.43
Low-Income Single Family Retrofit	\$	328,587	\$	13,032	\$	5.,215	\$	341,619	\$	692,419	\$	350,801	2.03
Low-Income Multi-Family Retrofit	\$	260,000	\$	3,457	\$	_	Ś	263,457	\$	315,858	\$	52,402	1.20
5. Low-Income Hard-to-Measure	\$	36,121		3,437	Ś	_	Ś	36,121		515,656	\$	(36,121)	-
Commercial & Industrial	\$	2,972,898	\$	195,045	\$	2,693,554	\$	5,861,496	\$	16,532,009	\$	10,670,512	2.82
6. C&I New Construction	\$	500,000	Ś	17,184	Ś	476,054	Ś	993,239	Ś		Ś	706,731	1.71
C&I New Construction	<b>ب</b> \$	500,000	<b>ب</b> \$	17,184	<b>ب</b> \$	476,054	<b>ب</b> \$	993,239	<b>ب</b> \$	1,699,970	•	706,731	1.71
7. C&I Retrofit	۶ \$		۶ \$		۶ \$		۶ \$		۶ \$		۶ \$		
	<b>,</b> \$	2,426,519		177,860	<b>,</b>	2,217,500	•	4,821,879	<b>,</b>	14,832,039		10,010,161	3.08
C&I Retrofit	\$ \$	1,326,519	\$	122,842		1,409,510		2,858,871	\$	10,005,284		7,146,413	3.50
C&I Direct Install		1,100,000	\$	55,018	\$	807,990	\$	1,963,008		4,826,756	\$	2,863,748	2.46
8. C&I Hard-to-Measure	\$	46,379	\$	-	\$	-	\$	46,379	\$	-	\$	(46,379)	-
Evaluated	\$	4,530,889	\$	314,464	\$	4,091,393	\$	8,936,746	\$	36,032,364	\$	27,095,618	4.03
Residential	\$	1,375,468	\$	70,644	\$	481,499	\$	1,927,611	\$	7,177,365	\$	5,249,754	3.72
1. Residential Whole House	\$	812,622	\$	56,103	\$	318,312	\$	1,187,038	\$		\$	4,415,547	4.72
Residential New Construction & Major Renov		121,763	\$	12,368	\$	76,535	\$	210,666	\$	, - ,	\$	996,737	5.73
Residential Multi-Family Retrofit	\$	67,864	\$	411	\$	8,264	\$	76,538	\$	•	\$	1,279	1.02
Residential Home Energy Services	\$	622,995	\$	43,325	\$	233,514	\$	899,833	\$	4,317,363	\$	3,417,530	4.80
Residential Behavior/Feedback Program	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	-
2. Residential Products	\$	356,107	\$	14,541	\$	163,187	\$	533,835	\$		\$	1,040,946	2.95
Residential Cooling & Heating Equipment	\$	94,131	\$	1,659	\$	31,602	\$	127,392		,	\$	88,301	1.69
Residential Lighting	\$	160,493	\$	11,156	\$	119,343	\$	290,992		1,143,832		852,840	3.93
Residential Consumer Products	\$	101,483	\$	1,727	\$	12,242	\$	115,451	\$	215,257	\$	99,805	1.86
3. Residential Hard-to-Measure	\$	206,738	\$	-	\$	-	\$	206,738	\$	-	\$	(206,738)	-
Low-Income	\$	565,005	\$	21,805	\$	3,752	\$	590,562	\$	1,523,080	\$	932,518	2.58
4. Low-Income Whole House	\$	550,359	\$	21,805	\$	3,752	\$	575,916	\$	1,523,080	\$	947,164	2.64
Low-Income New Construction	\$	20,407	\$	-	\$	-	\$	20,407	\$	-	\$	(20,407)	-
Low-Income Single Family Retrofit	\$	366,582	\$	15,459	\$	3,752	\$	385,792	\$	1,073,898	\$	688,106	2.78
Low-Income Multi-Family Retrofit	\$	163,370	\$	6,346	\$	-	\$	169,717	\$	449,182	\$	279,466	2.65
5. Low-Income Hard-to-Measure	\$	14,646	\$	-	\$	-	\$	14,646	\$	-	\$	(14,646)	-
Commercial & Industrial	\$	2,590,416	\$	222,014	\$	3,606,143	\$	6,418,573	\$	27,331,919	\$	20,913,346	4.26
6. C&I New Construction	\$	379,697	\$	17,851	\$	178,089	\$	575,637			\$	1,648,498	3.86
C&I New Construction	\$	379,697		17,851		178,089	\$	575,637			;	1,648,498	3.86
7. C&I Retrofit	\$	2,158,062	\$	204,163	\$	3,428,054	\$	5,790,279	\$	25,107,784	\$	19,317,505	4.34
C&I Retrofit	\$	1,045,445	Ś	•	Ś		Ś		Ś	20,629,497		16,500,106	5.00
C&I Direct Install	\$	1,112,617	\$	34,066	\$	514,205	\$	, -,	\$		\$	2,817,400	2.70
8. C&I Hard-to-Measure	\$	52,657		-	\$	,233	\$	52,657		., 0,207	\$	(52,657)	-

# Cost-Effectiveness for the Three-Year Term (2013\$) Plan-Year Report - Electric Division

Cost-Effectiveness Table 2

Date of Filing 6/20/2014 **Distribution Company** Electric Unitil Program Administrator

		um of Total ogram Costs (2013\$)		Sum of Performance centive (2013\$)	Pa	Sum of rticipant Costs (2013\$)		Sum of Total esource Costs (2013\$)		Sum of Total Benefits	Su	m of Total Net Benefits	Benefit Cost Ratio
2014													
Planned	\$	5,170,917	\$	226,896	\$	2,488,281		7,886,095	\$	20,748,254		12,862,159	2.63
Residential	\$		\$	38,198	\$	281,489		1,756,074	\$	3,693,118		1,937,043	2.10
1. Residential Whole House	\$	763,056	\$	27,135	\$	209,857		1,000,048	\$	2,510,758		1,510,709	2.51
Residential New Construction & Major Renov		,	\$	3,314	\$	125,204		313,102		378,756		65,654	1.21
Residential Multi-Family Retrofit	\$	198,906	\$	5,028	\$	10,585		214,519		470,342		255,822	2.19
Residential Home Energy Services	\$	379,565	\$	18,793	\$	74,068		472,426		1,661,660		1,189,234	3.52
Residential Behavior/Feedback Program	\$	-	\$	-	\$	-	\$		\$		\$		-
2. Residential Products	\$	477,374	\$	11,063	\$	71,631		560,069	\$	1,182,360		622,291	2.11
Residential Cooling & Heating Equipment	\$	99,453	\$	-	\$	16,084		115,537		116,295		758	1.01
Residential Lighting	\$	198,906	\$	9,637	\$	48,708	\$	257,251		870,263		613,013	3.38
Residential Consumer Products	\$	179,015	\$	1,427	\$	6,840	\$	187,281		195,802		8,520	1.05
3. Residential Hard-to-Measure	\$	195,957		-	\$		\$	195,957		-	\$	(195,957)	-
Low-Income	\$	712,650	\$	11,767	\$	70,277	\$	794,694		1,256,185	\$	461,491	1.58
4. Low-Income Whole House	\$	676,721		11,767	\$	70,277	\$	•	\$	1,256,185		497,419	1.66
Low-Income New Construction	\$	74,590	\$	2,389	\$	70,277	\$	,	\$	252,208		104,952	1.71
Low-Income Single Family Retrofit	\$	343,554	\$	6,917		-	\$	350,470		694,657		344,186	1.98
Low-Income Multi-Family Retrofit	\$	258,578	\$	2,462	\$	-	\$	261,039	\$	309,320		48,281	1.18
5. Low-Income Hard-to-Measure	\$	35,928	\$	-	\$	-	\$	-	\$	-	\$	(35,928)	-
Commercial & Industrial	\$	3,021,880	\$	176,931	\$	2,136,516	\$	5,335,327		15,798,952		10,463,625	2.96
6. C&I New Construction	\$	497,265		-	\$	49,294		565,426		1,685,446		1,120,020	2.98
C&I New Construction	\$	,	\$	,	\$	49,294		565,426		1,685,446		1,120,020	2.98
7. C&I Retrofit	\$	2,476,118			\$	2,087,222		4,721,404		14,113,506	•	9,392,103	2.99
C&I Retrofit	\$		\$	106,887	\$	1,331,375		2,770,671		9,345,766		6,575,095	3.37
C&I Direct Install 8. C&I Hard-to-Measure	\$		\$	51,177	\$	755,846		1,950,733		4,767,741		2,817,008	2.44
8. C&I Hard-to-Measure	\$	48,498	Þ	-	\$	-	\$	48,498	Þ	-	\$	(48,498)	-
Planned	\$	5,231,205	\$	230,904	\$	2,567,709	ċ	8,029,818	ċ	21,212,243	ċ	13,182,425	2.64
Residential	Ś	1,451,824	\$	36,975	\$	280,399			\$	3,622,500		1,853,302	2.04
1. Residential Whole House	Ś	770,297		26,994	\$	214,137		1,011,427		2,506,425		1,494,998	2.48
Residential New Construction & Major Renov	*	183,575	\$	3,249	\$	129,387		316,212		379,370		63,158	1.20
Residential Multi-Family Retrofit	\$	197,818	\$	4,884	\$	10,527		213,230		465,870		252,640	2.18
Residential Home Energy Services	\$	388,904	\$	18,860	\$	74,222	\$	481,986	\$	1,661,185		1,179,200	3.45
Residential Behavior/Feedback Program	\$	-	\$	-	\$		\$		\$	-	\$	-	-
2. Residential Products	\$	486,632	\$	9,981	\$	66,262	\$	562,876	\$	1,116,074		553,199	1.98
Residential Cooling & Heating Equipment	\$	98,909	\$	-	\$	15,996	\$	114,905	\$	114,186		(719)	0.99
Residential Lighting	\$	207,709	\$	8,657	\$	43,463			\$	803,648		543,819	3.09
Residential Consumer Products	Ś	180,014	\$	1,324	\$	6,803	\$	188,141		198,241		10,099	1.05
3. Residential Hard-to-Measure	\$		\$	-,	\$	-	\$	194,895			\$	(194,895)	-
Low-Income	Ś	724,509	\$	12,397	\$	56,661		793,568		1,308,178		514,610	1.65
4. Low-Income Whole House	Ś	688,278	\$	12,397	\$	56,661		757,337		1,308,178		550,841	1.73
Low-Income New Construction	\$	-	\$	2,676	\$	56,661		138,465		271,269		132,804	1.96
Low-Income Single Family Retrofit	\$	351,987	\$	7,247	\$	-	\$	359,234	\$	726,261		367,027	2.02
Low-Income Multi-Family Retrofit	\$	257,163	\$		\$	-	\$	259,638	\$	310,649		51,011	1.20
5. Low-Income Hard-to-Measure	\$	36,231		, -	\$	-	\$	36,231		-	\$	(36,231)	-
Commercial & Industrial	\$	3,054,871		181,532		2,230,649		5,467,052		16,281,565		10,814,513	2.98
6. C&I New Construction	\$	494,545		19,753		47,720		562,018		1,758,704		1,196,687	3.13
C&I New Construction	\$	494,545		19,753		47,720		562,018		1,758,704		1,196,687	3.13
7. C&I Retrofit	\$	2,512,109		161,779		2,182,929		4,856,817		14,522,861		9,666,044	2.99
C&I Retrofit	\$	1,325,201		108,455		1,319,176		2,752,831		9,499,612		6,746,780	3.45
C&I Direct Install	\$	1,186,908		53,324		863,753		2,103,986		5,023,249		2,919,264	2.39
8. C&I Hard-to-Measure	\$	48,218		-	\$	-	\$	48,218		-	\$	(48,218)	

# Cost-Effectiveness for the Three-Year Term (2013\$) Plan-Year Report - Electric Division

Cost-Effectiveness Table 2

Date of Filing 6/20/2014 Distribution Company Electric Unitil Program Administrator

		um of Total ogram Costs		Sum of erformance	Par	Sum of ticipant Costs	Sum of Total esource Costs	9	Sum of Total	Sur	m of Total Net	Benefit
		(2013\$)	Ince	entive (2013\$)		(2013\$)	(2013\$)		Benefits		Benefits	Cost Ratio
Cost-Effectiveness for the Three-Year Term (2013\$): Yea	ar 1 Ev	aluated + Yea	r 2 Pl	an + Year 3 Pla	n							
Total Cost-Effectiveness	\$	14,933,011	\$	772,265	\$	9,147,384	\$ 24,852,659	\$	77,992,862	\$	53,140,202	3.14
Residential	\$	4,263,679	\$	145,818	\$	1,043,387	\$ 5,452,884	\$	14,492,983	\$	9,040,099	2.66
1. Residential Whole House	\$	2,345,974	\$	110,232	\$	742,307	\$ 3,198,513	\$	10,619,767	\$	7,421,254	3.32
Residential New Construction & Major Renovation	\$	489,923	\$	18,931	\$	331,126	\$ 839,980	\$	1,965,529	\$	1,125,549	2.34
Residential Multi-Family Retrofit	\$	464,588	\$	10,323	\$	29,377	\$ 504,288	\$	1,014,030	\$	509,742	2.01
Residential Home Energy Services	\$	1,391,463	\$	80,978	\$	381,804	\$ 1,854,245	\$	7,640,209	\$	5,785,963	4.12
Residential Behavior/Feedback Program	\$	-	\$	-	\$	-	\$ -	\$	-	\$	-	-
2. Residential Products	\$	1,320,114	\$	35,585	\$	301,080	\$ 1,656,780	\$	3,873,215	\$	2,216,436	2.34
Residential Cooling & Heating Equipment	\$	292,493	\$	1,659	\$	63,682	\$ 357,834	\$	446,173	\$	88,340	1.25
Residential Lighting	\$	567,108	\$	29,450	\$	211,514	\$ 808,072	\$	2,817,743	\$	2,009,671	3.49
Residential Consumer Products	\$	460,513	\$	4,477	\$	25,884	\$ 490,874	\$	609,299	\$	118,425	1.24
3. Residential Hard-to-Measure	\$	597,591	\$	-	\$	-	\$ 597,591	\$	-			
Low-Income	\$	2,002,164	\$	45,970	\$	130,690	\$ 2,178,824	\$	4,087,443	\$	1,908,619	1.88
4. Low-Income Whole House	\$	1,915,359	\$	45,970	\$	130,690	\$ 2,092,018	\$	4,087,443	\$	1,995,425	1.95
Low-Income New Construction	\$	174,124	\$	5,065	\$	126,938	\$ 306,128	\$	523,477	\$	217,349	1.71
Low-Income Single Family Retrofit	\$	1,062,123	\$	29,622	\$	3,752	\$ 1,095,497	\$	2,494,815	\$	1,399,319	2.28
Low-Income Multi-Family Retrofit	\$	679,112	\$	11,282	\$	-	\$ 690,394	\$	1,069,151	\$	378,757	1.55
5. Low-Income Hard-to-Measure	\$	86,806	\$	-	\$	-	\$ 86,806	\$	-			
Commercial & Industrial	\$	8,667,167	\$	580,477	\$	7,973,307	\$ 17,220,952	\$	59,412,436	\$	42,191,485	3.45
6. C&I New Construction	\$	1,371,507	\$	56,470	\$	275,103	\$ 1,703,080	\$	5,668,285	\$	3,965,205	3.33
C&I New Construction	\$	1,371,507	\$	56,470	\$	275,103	\$ 1,703,080	\$	5,668,285	\$	3,965,205	3.33
7. C&I Retrofit	\$	7,146,288	\$	524,007	\$	7,698,205	\$ 15,368,500	\$	53,744,152	\$	38,375,652	3.50
C&I Retrofit	\$	3,703,054	\$	385,440	\$	5,564,400	\$ 9,652,894	\$	39,474,875	\$	29,821,981	4.09
C&I Direct Install	\$	3,443,235	\$	138,566	\$	2,133,804	\$ 5,715,606	\$	14,269,277	\$	8,553,671	2.50
8. C&I Hard-to-Measure	\$	149,372	\$	-	\$	-	\$ 149,372	\$	-			

# Residential Whole House Program Detail: Plan-Year Analysis (20135) Page 35 of 45

Core Initiative Table 1

Initiative	Residential New Construction & Major Renovation
Year	2013
Program Administrator	Unitil
Distribution Company	Electric
Date of Filing	6/20/2014

							Plan v	Plan v	Preliminary v
	Planned		Prel	iminary	Eva	luated	Preliminary	Evaluated	Evaluated
Sum of Energy (annual MWh)		58		184		184	217%	217%	0%
Sum of Energy (Lifetime MWh)		618		4,339		4,339	602%	602%	0%
Sum of Total Benefits	\$	486,201	\$	1,206,810	\$	1,207,403	148%	148%	0%
Sum of Total Program Costs (2013\$)	\$	185,600	\$	121,763	\$	121,763	-34%	-34%	0%
Sum of Total Resource Costs (2013\$)	\$	316,542	\$	210,319	\$	210,666	-34%	-33%	0%
Benefit Cost Ratio		1.54		5.74		5.73	274%	273%	0%

Initiative	Residenti	al Multi-Fa	mily Retrofi	t					
							Plan v	Plan v	Preliminary v
	Planned		Preliminary	<b>y</b>	Evaluated		Preliminary	Evaluated	Evaluated
Sum of Energy (annual MWh)		62		70		71	13%	14%	1%
Sum of Energy (Lifetime MWh)		781		740		610	-5%	-22%	-18%
Sum of Total Benefits	\$	364,611	\$	89,928	\$	77,818	-75%	-79%	-13%
Sum of Total Program Costs (2013\$)	\$	200,000	\$	67,864	\$	67,864	-66%	-66%	0%
Sum of Total Resource Costs (2013\$)	\$	214,957	\$	76,538	\$	76,538	-64%	-64%	0%
Benefit Cost Ratio		1.70		1.17		1.02	-31%	-40%	-13%

Initiative	Residen	Residential Home Energy Services											
					Plan v	Plan v	Preliminary v						
	Planned		Prel	liminary	Eva	luated	Preliminary	Evaluated	Evaluated				
Sum of Energy (annual MWh)		53		136		174	157%	228%	28%				
Sum of Energy (Lifetime MWh)		628		1,522		1,758	142%	180%	15%				
Sum of Total Benefits	\$	1,575,541	\$	4,079,640	\$	4,317,363	159%	174%	6%				
Sum of Total Program Costs (2013\$)	\$	375,473	\$	622,995	\$	622,995	66%	66%	0%				
Sum of Total Resource Costs (2013\$)	\$	472,911	\$	899,833	\$	899,833	90%	90%	0%				
Benefit Cost Ratio		3.33		4.53		4.80	36%	44%	6%				

Initiative	Residential	sidential Behavior/Feedback Program										
							Plan v	Plan v	Preliminary v			
	Planned		Preliminary		Evaluated		Preliminary	Evaluated	Evaluated			
Sum of Energy (annual MWh)		-		-		-	0%	0%	0%			
Sum of Energy (Lifetime MWh)		-		-		-	0%	0%	0%			
Sum of Total Benefits	\$	-	\$	-	\$	-	0%	0%	0%			
Sum of Total Program Costs (2013\$)	\$	-	\$	-	\$	-	0%	0%	0%			
Sum of Total Resource Costs (2013\$)	\$	-	\$	-	\$	-	0%	0%	0%			
Benefit Cost Ratio		-		-		-	0%	0%	0%			

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# Residential Products Program Detail: Plan-Year Analysis (2013, Plan-Year Report - Electric Division Page 36 of 45

Core Initiative Table 2

Date of Filing	6/20/2014
Distribution Company	Electric
Program Administrator	Unitil
Year	2013

Initiative Residential Cooling & Heating Equipment

							Plan v	Plan v	Preliminary v
	Planned		Preli	minary	Eval	uated	Preliminary	Evaluated	Evaluated
Sum of Energy (annual MWh)		29		96		97	230%	236%	2%
Sum of Energy (Lifetime MWh)		436		1,294		1,320	197%	203%	2%
Sum of Total Benefits	\$	112,464	\$	212,492	\$	215,692	89%	92%	2%
Sum of Total Program Costs (2013\$)	\$	100,000	\$	94,131	\$	94,131	-6%	-6%	0%
Sum of Total Resource Costs (2013\$)	\$	115,527	\$	127,392	\$	127,392	10%	10%	0%
Benefit Cost Ratio		0.97		1.67		1.69	71%	74%	2%

Initiative	Residenti	al Lighting							
							Plan v	Plan v	Preliminary v
	Planned		Prel	liminary	Eval	uated	Preliminary	Evaluated	Evaluated
Sum of Energy (annual MWh)		676		957		1,006	42%	49%	5%
Sum of Energy (Lifetime MWh)		5,170		6,993		7,147	35%	38%	2%
Sum of Total Benefits	\$	747,244	\$	1,023,764	\$	1,143,832	37%	53%	12%
Sum of Total Program Costs (2013\$)	\$	190,000	\$	160,493	\$	160,493	-16%	-16%	0%
Sum of Total Resource Costs (2013\$)	\$	241,296	\$	290,992	\$	290,992	21%	21%	0%
Benefit Cost Ratio		3.10		3.52		3.93	14%	27%	12%

Initiative	Residenti	esidential Consumer Products											
					Plan v	Plan v	Preliminary v						
	Planned		Prelimina	ry	Evaluated		Preliminary	Evaluated	Evaluated				
Sum of Energy (annual MWh)		185		215		215	16%	16%	0%				
Sum of Energy (Lifetime MWh)		1,541		1,415		1,415	-8%	-8%	0%				
Sum of Total Benefits	\$	254,048	\$	215,257	\$	215,257	-15%	-15%	0%				
Sum of Total Program Costs (2013\$)	\$	175,000	\$	101,483	\$	101,483	-42%	-42%	0%				
Sum of Total Resource Costs (2013\$)	\$	186,659	\$	115,451	\$	115,451	-38%	-38%	0%				
Benefit Cost Ratio		1.36		1.86		1.86	37%	37%	0%				

# Low-Income Whole House Program Detail: Plan-Year Analysis (2013\$) Page 37 of 45

Core Initiative Table 3

Date of Filing	6/20/2014
Distribution Company	Electric
Program Administrator	Unitil
Year	2013

Initiative Low-Income New Construction

							Plan v	Plan v	Preliminary v
	Planned		Preliminary	/	Evaluated		Preliminary	Evaluated	Evaluated
Sum of Energy (annual MWh)		22		-		-	-100%	-100%	0%
Sum of Energy (Lifetime MWh)		247		-		-	-100%	-100%	0%
Sum of Total Benefits	\$	247,111	\$	-	\$	-	-100%	-100%	0%
Sum of Total Program Costs (2013\$)	\$	75,000	\$	20,407	\$	20,407	-73%	-73%	0%
Sum of Total Resource Costs (2013\$)	\$	172,697	\$	20,407	\$	20,407	-88%	-88%	0%
Benefit Cost Ratio		1.43		-		-	-100%	-100%	0%

Initiative	Low-Inco	me Single I	Family	Retrofit					
								Plan v	Preliminary v
	Planned		Prelim	ninary	Eval	luated	Preliminary	Evaluated	Evaluated
Sum of Energy (annual MWh)		93		103		114	11%	24%	11%
Sum of Energy (Lifetime MWh)		864		975		1,044	13%	21%	7%
Sum of Total Benefits	\$	692,419	\$	996,278	\$	1,073,898	44%	55%	8%
Sum of Total Program Costs (2013\$)	\$	328,587	\$	366,582	\$	366,582	12%	12%	0%
Sum of Total Resource Costs (2013\$)	\$	341,619	\$	385,792	\$	385,792	13%	13%	0%
Benefit Cost Ratio		2.03		2.58		2.78	27%	37%	8%

Initiative	Low-Inco	me Multi-F	amily	/ Retrofit					
					Plan v	Plan v	Preliminary v		
	Planned		Preli	iminary	Evaluated	l	Preliminary	Evaluated	Evaluated
Sum of Energy (annual MWh)		120		161		161	34%	34%	0%
Sum of Energy (Lifetime MWh)		2,190		1,724		1,642	-21%	-25%	-5%
Sum of Total Benefits	\$	315,858	\$	461,084	\$	449,182	46%	42%	-3%
Sum of Total Program Costs (2013\$)	\$	260,000	\$	163,370	\$	163,370	-37%	-37%	0%
Sum of Total Resource Costs (2013\$)	\$	263,457	\$	169,717	\$	169,717	-36%	-36%	0%
Benefit Cost Ratio		1.20		2.72		2.65	127%	121%	-3%

# C&I Programs Detail: Plan-Year Analysis (2013\$) Plan-Year Report - Electric Division

Core Initiative Table 4

Date of Filing	6/20/2014
Distribution Company	Electric
Program Administrator	Unitil
Year	2013
Initiative	<b>C&amp;I New Construction</b>

							Plan v	Plan v	Preliminary v
	Planne	d	Prel	iminary	Eva	luated	Preliminary	Evaluated	Evaluated
Sum of Energy (annual MWh)		822		968		1,009	18%	23%	4%
Sum of Energy (Lifetime MWh)		10,673		10,365		11,130	-3%	4%	7%
Sum of Total Benefits	\$	1,699,970	\$	2,076,102	\$	2,224,135	22%	31%	7%
Sum of Total Program Costs (2013\$)	\$	500,000	\$	379,697	\$	379,697	-24%	-24%	0%
Sum of Total Resource Costs (2013\$)	\$	993,239	\$	585,933	\$	575,637	-41%	-42%	-2%
Benefit Cost Ratio		1.71		3.54		3.86	107%	126%	9%

Initiative	C&I R	tetrofit							
							Plan v	Plan v	Preliminary v
	Planr	ned	Pre	liminary	Eva	luated	Preliminary	Evaluated	Evaluated
Sum of Energy (annual MWh)		3,888		3,537		3,648	-9%	-6%	3%
Sum of Energy (Lifetime MWh)		50,550		61,746		63,012	22%	25%	2%
Sum of Total Benefits	\$	10,005,284	\$	17,873,666	\$	20,629,497	79%	106%	15%
Sum of Total Program Costs (2013\$)	\$	1,326,519	\$	1,045,445	\$	1,045,445	-21%	-21%	0%
Sum of Total Resource Costs (2013\$)	\$	2,858,871	\$	4,129,392	\$	4,129,392	44%	44%	0%
Benefit Cost Ratio		3.50		4.33		5.00	24%	43%	15%

Initiative	C&I Dire	ct Install							
					Plan v	Plan v	Preliminary v		
	Planned		Preli	minary	Eval	luated	Preliminary	Evaluated	Evaluated
Sum of Energy (annual MWh)		1,765		1,626		1,625	-8%	-8%	0%
Sum of Energy (Lifetime MWh)		22,948		21,118		21,104	-8%	-8%	0%
Sum of Total Benefits	\$	4,826,756	\$	4,279,476	\$	4,478,287	-11%	-7%	5%
Sum of Total Program Costs (2013\$)	\$	1,100,000	\$	1,112,617	\$	1,112,617	1%	1%	0%
Sum of Total Resource Costs (2013\$)	\$	1,963,008	\$	1,660,887	\$	1,660,887	-15%	-15%	0%
Benefit Cost Ratio		2.46		2.58		2.70	5%	10%	5%

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# Residential Whole House Program Detail: Three-Year Analysis (2013\$)

Date of Filing Distribution Company Program Administrator Initiative	6/20/2014 Electric Unitil Residential New Construction & Major Renovation	Date of Filing Distribution Company Program Administrator Initiative	6/20/2014 Electric Unitil Residential Multi-Family Retrofit
2013		2013	
Planned		Planned	
Sum of Energy (annual MWh)		Sum of Energy (annual MWh)	62
Sum of Energy (Lifetime MWh)		18 Sum of Energy (Lifetime MWh)	781
Sum of Total Benefits	\$ 486,		\$ 364,611
Sum of Total Program Costs (2013\$)	\$ 185,	·	\$ 200,000
Sum of Total Resource Costs (2013\$)	\$ 316,		\$ 214,957
Benefit Cost Ratio	•	54 Benefit Cost Ratio	1.70
Evaluated		Evaluated	74
Sum of Energy (annual MWh)		Sum of Energy (annual MWh)	71
Sum of Energy (Lifetime MWh) Sum of Total Benefits		Sum of Energy (Lifetime MWh) Sum of Total Benefits	610 \$ 77,818
Sum of Total Benefits Sum of Total Program Costs (2013\$)	\$ 1,207, 121,		\$ 77,818 67,864
Sum of Total Resource Costs (2013\$)	210,	· · · · ·	76,538
Benefit Cost Ratio		73 Benefit Cost Ratio	1.02
2014	`	2014	1.02
Planned		Planned	
Sum of Energy (annual MWh)		Sum of Energy (annual MWh)	38
Sum of Energy (Lifetime MWh)		96 Sum of Energy (Lifetime MWh)	366
Sum of Total Benefits	\$ 378,	56 Sum of Total Benefits	\$ 470,342
Sum of Total Program Costs (2013\$)	\$ 184,	85 Sum of Total Program Costs (2013\$)	\$ 198,906
Sum of Total Resource Costs (2013\$)	\$ 313,	O2 Sum of Total Resource Costs (2013\$)	\$ 214,519
Benefit Cost Ratio	:	21 Benefit Cost Ratio	2.19
2015		2015	
Planned		Planned	
Sum of Energy (annual MWh)		Sum of Energy (annual MWh)	37
Sum of Energy (Lifetime MWh)		Sum of Energy (Lifetime MWh)	358
Sum of Total Benefits	\$ 379,		\$ 465,870
Sum of Total Program Costs (2013\$)	\$ 183,	· · · · · · · · · · · · · · · ·	\$ 197,818
Sum of Total Resource Costs (2013\$)	\$ 316,		\$ 213,230 2.18
Benefit Cost Ratio	•	20 Benefit Cost Ratio	2.18
Three-Year Total		Three-Year To	tal
	Residential New		
Year 1 Evaluated + Year 2 Plan + Year 3 Plan	Construction & Maj Renovation	Year 1 Evaluated + Year 2 Plan + Year 3 Pl	an Residential Multi-Family Retrofit
Sum of Energy (annual MWh)		74 Sum of Energy (annual MWh)	146
Sum of Energy (Lifetime MWh)	5,	24 Sum of Energy (Lifetime MWh)	1,334
Sum of Total Benefits	\$ 1,965,	29 Sum of Total Benefits	\$ 1,014,030
Sum of Total Program Costs (2013\$)	\$ 489,	23 Sum of Total Program Costs (2013\$)	\$ 464,588
Sum of Total Resource Costs (2013\$)	\$ 839,	80 Sum of Total Resource Costs (2013\$)	\$ 504,288
Benefit Cost Ratio		34 Benefit Cost Ratio	2.01

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# Residential Whole House Program Detail: Three-Year Analysis (2013\$)

ate of Filing 6/20/2014 istribution Company Electric rogram Administrator Unitil aitiative Residential Home Energy Services		Date of Filing Distribution Company Program Administrator Initiative	6/20/2014 Electric Unitil Residential Behavior/Feedback Program
2013		2013	
Planned		Planned	
Sum of Energy (annual MWh)	5	Sum of Energy (annual MWh)	-
Sum of Energy (Lifetime MWh)	62	Sum of Energy (Lifetime MWh)	-
Sum of Total Benefits	\$ 1,575,54	Sum of Total Benefits	\$ -
Sum of Total Program Costs (2013\$)	\$ 375,47	Sum of Total Program Costs (2013\$)	\$ -
Sum of Total Resource Costs (2013\$)	\$ 472,91	Sum of Total Resource Costs (2013\$)	\$ -
Benefit Cost Ratio	3.3		-
Evaluated		Evaluated	
Sum of Energy (annual MWh)	17	Sum of Energy (annual MWh)	-
Sum of Energy (Lifetime MWh)	1,75	Sum of Energy (Lifetime MWh)	-
Sum of Total Benefits	\$ 4,317,36	Sum of Total Benefits	\$ -
Sum of Total Program Costs (2013\$)	622,99	Sum of Total Program Costs (2013\$)	-
Sum of Total Resource Costs (2013\$)	899,83	Sum of Total Resource Costs (2013\$)	-
Benefit Cost Ratio	4.8	Benefit Cost Ratio	-
2014		2014	
Planned		Planned	
Sum of Energy (annual MWh)	5	<i>5,</i> ,	-
Sum of Energy (Lifetime MWh)	61	3, ( )	-
Sum of Total Benefits	\$ 1,661,66		\$ -
Sum of Total Program Costs (2013\$)	\$ 379,56		\$ -
Sum of Total Resource Costs (2013\$)	\$ 472,42		\$ -
Benefit Cost Ratio	3.5		-
2015		2015	
Planned		Planned	
Sum of Energy (annual MWh)	4.	,	-
Sum of Energy (Lifetime MWh)	58	<b>3</b> ,  ,	-
Sum of Total Benefits	\$ 1,661,18		\$ -
Sum of Total Program Costs (2013\$) Sum of Total Resource Costs (2013\$)	\$ 388,90 \$ 481,98	- II II	\$ - \$ -
, , , ,		` ''	\$ -
Benefit Cost Ratio	3.4	Benefit Cost Ratio	-
Three-Year Total		Three-Year Total	
	<b>5</b>		Residential
Year 1 Evaluated + Year 2 Plan + Year 3 Plan	Residential Home Energ Services	Year 1 Evaluated + Year 2 Plan + Year 3 Plan	Behavior/Feedback Program
Sum of Energy (annual MWh)	26	Sum of Energy (annual MWh)	- Togram
Sum of Energy (Lifetime MWh)	2,96	·	_
Sum of Total Benefits	\$ 7,640,20	,	\$ -
Sum of Total Program Costs (2013\$)	\$ 1,391,46		\$ -
Sum of Total Resource Costs (2013\$)	\$ 1,854,24	,	\$ -
Benefit Cost Ratio	4.1		ļ ·

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# Residential Products Program Detail: Three-Year Analysis (2013\$)

Date of Filing	6/20/2014	Date of Filing	6/20/2014	Date of Filing	6/20/2014	
Distribution Company	Electric	Distribution Company	Electric	Distribution Company	Electric	
Program Administrator	Unitil	Program Administrator	Unitil	Program Administrator	Unitil	
Initiative	Residential Cooling &	Initiative	Residential Lighting	Initiative	Residential Consumer	
	Heating Equipment				Products	
2013		2013		2013		
Planned		Planned		Planned		
Sum of Energy (annual MWh)	29		676	Sum of Energy (annual MWh)	185	
Sum of Energy (Lifetime MWh)	436		5,170	Sum of Energy (Lifetime MWh)	1,541	
Sum of Total Benefits	\$ 112,464	5, \	\$ 747,244	Sum of Total Benefits	\$ 254,048	
Sum of Total Program Costs (2013\$)	\$ 100,000	II II	\$ 190,000	Sum of Total Program Costs (2013\$)	\$ 175,000	
Sum of Total Resource Costs (2013\$)	\$ 115,527	Sum of Total Resource Costs (2013\$)	\$ 241,296	Sum of Total Resource Costs (2013\$)	\$ 186,659	
Benefit Cost Ratio	0.97	Benefit Cost Ratio	3.10	Benefit Cost Ratio	1.36	
Evaluated		Evaluated		Evaluated		
Sum of Energy (annual MWh)	97	Sum of Energy (annual MWh)	1,006	Sum of Energy (annual MWh)	215	
Sum of Energy (Lifetime MWh)	1,320	- · · · · · · · · · · · · · · · · · · ·	7,147	Sum of Energy (Lifetime MWh)	1,415	
Sum of Total Benefits	\$ 215,692	5, \	\$ 1,143,832	Sum of Total Benefits	\$ 215,257	
Sum of Total Program Costs (2013\$)	94,131	Sum of Total Program Costs (2013\$)	160,493	Sum of Total Program Costs (2013\$)	101,483	
Sum of Total Resource Costs (2013\$)	127,392	· · · · · · · · · · · · · · · · ·	290,992	Sum of Total Resource Costs (2013\$)	115,451	
Benefit Cost Ratio	1.69		3.93	Benefit Cost Ratio	1.86	
2014	2.03	2014	3.33	2014	1100	
Planned		Planned		Planned		
Sum of Energy (annual MWh)	30		750	Sum of Energy (annual MWh)	129	
Sum of Energy (Lifetime MWh)	455	<b>5</b> , \ ,	6,272	Sum of Energy (Lifetime MWh)	1,204	
Sum of Total Benefits	\$ 116,295	<b>5</b> ,   ,	\$ 870,263	Sum of Total Benefits	\$ 195,802	
Sum of Total Program Costs (2013\$)	\$ 99,453		\$ 198,906	Sum of Total Program Costs (2013\$)	\$ 179,015	
Sum of Total Resource Costs (2013\$)	\$ 115,537	Sum of Total Resource Costs (2013\$)	\$ 257,251	Sum of Total Resource Costs (2013\$)	\$ 187,281	
Benefit Cost Ratio	1.01		3.38	Benefit Cost Ratio	1.05	
2015		2015		2015		
Planned		Planned		Planned		
Sum of Energy (annual MWh)	25	Sum of Energy (annual MWh)	723	Sum of Energy (annual MWh)	129	
Sum of Energy (Lifetime MWh)	359	9. 1	5,721	Sum of Energy (Lifetime MWh)	1,204	
Sum of Total Benefits	\$ 114,186		\$ 803,648	Sum of Total Benefits	\$ 198,241	
Sum of Total Program Costs (2013\$)	\$ 98,909		\$ 207,709	Sum of Total Program Costs (2013\$)	\$ 180,014	
Sum of Total Resource Costs (2013\$)	\$ 114,905	Sum of Total Resource Costs (2013\$)	\$ 259,829	Sum of Total Resource Costs (2013\$)	\$ 188,141	
Benefit Cost Ratio	0.99	Benefit Cost Ratio	3.09	Benefit Cost Ratio	1.05	
Three-Year Total		Three-Year Total		Three-Year Total	I	
Year 1 Evaluated + Year 2 Plan + Year 3 Plan	Residential Cooling & Heating Equipment	Year 1 Evaluated + Year 2 Plan + Year 3 Plan	Residential Lighting	Year 1 Evaluated + Year 2 Plan + Year 3 Plan	Residential Consumer Products	
Sum of Energy (annual MWh)		Sum of Energy (appual MWh)	2.470	Sum of Energy (applied MWh)	472	
Sum of Energy (Lifetime MWh)	152 2,134	, , , , , , , , , , , , , , , , , , ,	2,479 19,140	Sum of Energy (Lifetime MWh)	3,823	
Sum of Energy (Lifetime MWh)			· ·	Sum of Energy (Lifetime MWh) Sum of Total Benefits	\$ 609,299	
Sum of Total Brogram Costs (2012\$)	7	II II	' ' ' '			
Sum of Total Program Costs (2013\$)	7,		\$ 567,108 \$ 808,072	Sum of Total Program Costs (2013\$)	7	
Sum of Total Resource Costs (2013\$)	1			Sum of Total Resource Costs (2013\$)	'	
Benefit Cost Ratio	1.25	Benefit Cost Ratio	3.49	Benefit Cost Ratio	1.24	

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# Low-Income Whole House Program Detail: Three-Year Analysis (2013\$)

Date of Filing 6/20/2014		Date of Filing	6/20/2014	Date of Filing 6/20/2014		
Distribution Company	Electric	Distribution Company	Electric	Distribution Company	Electric	
Program Administrator	Unitil	Program Administrator	Unitil	Program Administrator	Unitil	
Initiative	Low-Income New	Initiative	Low-Income Single Family	Initiative	Low-Income Multi-Family	
	Construction		Retrofit		Retrofit	
2013 Planned		2013 Planned		2013 Planned		
	22		93		120	
Sum of Energy (annual MWh) Sum of Energy (Lifetime MWh)	247	Sum of Energy (annual MWh) Sum of Energy (Lifetime MWh)	864	Sum of Energy (annual MWh) Sum of Energy (Lifetime MWh)	2,190	
Sum of Total Benefits	\$ 247,111	Sum of Total Benefits	\$ 692,419	Sum of Total Benefits	\$ 315,858	
Sum of Total Program Costs (2013\$)	\$ 75,000	Sum of Total Program Costs (2013\$)	\$ 328,587	Sum of Total Program Costs (2013\$)	\$ 260,000	
Sum of Total Resource Costs (2013\$)	\$ 172,697	Sum of Total Resource Costs (2013\$)	\$ 341,619	Sum of Total Resource Costs (2013\$)	\$ 263,457	
Benefit Cost Ratio	1.43	Benefit Cost Ratio	2.03	Benefit Cost Ratio	1.20	
Evaluated	11.10	Evaluated	2.03	Evaluated	1,20	
Sum of Energy (annual MWh)	_	Sum of Energy (annual MWh)	114	Sum of Energy (annual MWh)	161	
Sum of Energy (Lifetime MWh)	_	Sum of Energy (Lifetime MWh)	1,044	Sum of Energy (Lifetime MWh)	1,642	
Sum of Total Benefits	\$ -	Sum of Total Benefits	\$ 1,073,898	Sum of Total Benefits	\$ 449,182	
Sum of Total Program Costs (2013\$)	20,407	Sum of Total Program Costs (2013\$)	366,582	Sum of Total Program Costs (2013\$)	163,370	
Sum of Total Resource Costs (2013\$)	20,407	Sum of Total Resource Costs (2013\$)	385,792	Sum of Total Resource Costs (2013\$)	169,717	
Benefit Cost Ratio	-	Benefit Cost Ratio	2.78	Benefit Cost Ratio	2.65	
2014		2014		2014		
Planned		Planned		Planned		
Sum of Energy (annual MWh)	18	Sum of Energy (annual MWh)	96	Sum of Energy (annual MWh)	120	
Sum of Energy (Lifetime MWh)	233	Sum of Energy (Lifetime MWh)	877	Sum of Energy (Lifetime MWh)	2,207	
Sum of Total Benefits	\$ 252,208	Sum of Total Benefits	\$ 694,657	Sum of Total Benefits	\$ 309,320	
Sum of Total Program Costs (2013\$)	\$ 74,590	Sum of Total Program Costs (2013\$)	\$ 343,554	Sum of Total Program Costs (2013\$)	\$ 258,578	
Sum of Total Resource Costs (2013\$)	\$ 147,256	Sum of Total Resource Costs (2013\$)	\$ 350,470	Sum of Total Resource Costs (2013\$)	\$ 261,039	
Benefit Cost Ratio	1.71	Benefit Cost Ratio	1.98	Benefit Cost Ratio	1.18	
2015		2015		2015		
Planned	20	Planned	0.4	Planned	440	
Sum of Energy (Lifetime MANA)	20 249	Sum of Energy (annual MWh)	94 873	Sum of Energy (Infetime MANA)	119 2,201	
Sum of Energy (Lifetime MWh) Sum of Total Benefits	\$ 271,269	Sum of Energy (Lifetime MWh) Sum of Total Benefits	\$ 726,261	Sum of Energy (Lifetime MWh) Sum of Total Benefits	\$ 310,649	
Sum of Total Program Costs (2013\$)	\$ 79,127	Sum of Total Benefits  Sum of Total Program Costs (2013\$)	\$ 720,201	Sum of Total Program Costs (2013\$)	\$ 257,163	
Sum of Total Resource Costs (2013\$)	\$ 138,465	Sum of Total Resource Costs (2013\$)	\$ 359,234	Sum of Total Resource Costs (2013\$)	\$ 259,638	
Benefit Cost Ratio	1.96	Benefit Cost Ratio	2.02	Benefit Cost Ratio	1.20	
Benefit Cost Natio	1.50	Benefit cost Natio	2.02	Benefit cost Natio	1.20	
Three-Year Total		Three-Year Total		Three-Year Total		
Low-Income New			Low-Income Single Family		Low-Income Multi-Family	
Year 1 Evaluated + Year 2 Plan + Year 3 Plan	Construction	Year 1 Evaluated + Year 2 Plan + Year 3 Plan	Retrofit	Year 1 Evaluated + Year 2 Plan + Year 3 Plan	Retrofit	
Sum of Energy (annual MWh)	38	Sum of Energy (annual MWh)	305	Sum of Energy (annual MWh)	399	
Sum of Energy (Lifetime MWh)	482	Sum of Energy (Lifetime MWh)	2,793	Sum of Energy (Lifetime MWh)	6,050	
Sum of Total Benefits	\$ 523,477	Sum of Total Benefits	\$ 2,494,815	Sum of Total Benefits	\$ 1,069,151	
Sum of Total Program Costs (2013\$)	\$ 174,124	Sum of Total Program Costs (2013\$)	\$ 1,062,123	Sum of Total Program Costs (2013\$)	\$ 679,112	
Sum of Total Resource Costs (2013\$)	\$ 306,128	Sum of Total Resource Costs (2013\$)	\$ 1,095,497	Sum of Total Resource Costs (2013\$)	\$ 690,394	
Benefit Cost Ratio	1.71	Benefit Cost Ratio	2.28	Benefit Cost Ratio	1.55	

# C&I New Construction and C&I Retrofit Programs Detail: Three-Year Analysis (2013\$) Plan-Year Report - Electric Division Page 43 of 45 Core Initiative Table 8

6/20/2014 Electric Unitil C&I Direct Install  1,7 22,5 \$ 4,826,5 \$ 1,100,6 \$ 1,963,6 2  1,6 21,2 \$ 4,478,7 1,112,6 1,660,8
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\$ 1,950,7
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1,9
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\$ 1,186,9
\$ 2,103,9
2
C&I Direct Install
5,3
69,9
\$ 14,269,2
\$ 3,443,2
\$ 5,715,6

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# **Greenhouse Gas Emission Reductions: Plan-Year Analysis**

GHG Table 1

GHG reductions are provided for information purposes only. They are not included in the TRC test.

Date of Filing 6/20/2014
Distribution Company Electric
Program Administrator Unitil
Year 2013

				Annual Emission	iort Tons)	
	Sum of Energy	Sum of Annual Avoided	Sum of Annual Oil			
	(Annual MWh)	Natural Gas, Therms	(MMBTU)	NO <sub>x</sub>	SO <sub>2</sub>	CO <sub>2</sub>
Planned	7,773	12,231	2,243	1.9	4.9	4,011
Residential	1,063	8,024	1,321	0.3	0.7	553
Low-Income	235	4,287	922	0.1	0.1	124
Commercial & Industrial	6,476	(80)	-	1.6	4.1	3,335
Evaluated	8,303	5,745	5,170	2.0	5.2	4,281
Residential	1,746	5,601	3,971	0.4	1.1	904
Low-Income	275	181	1,199	0.1	0.2	142
Commercial & Industrial	6,281	(37)	-	1.5	4.0	3,235

				Annual Emissions Reductions (Short To		
Planned v Evaluated:	Sum of Energy	Sum of Annual Avoided	Sum of Annual Oil			
(Eval - Plan) / Plan	(Annual MWh)	Natural Gas, Therms	(MMBTU)	$NO_X$	SO <sub>2</sub>	CO <sub>2</sub>
2013-2015 Total	7%	-53%	130%	7%	7%	7%
Residential	64%	-30%	201%	64%	64%	63%
Low-Income	17%	-96%	30%	17%	17%	15%
Commercial & Industrial	-3%	-54%	0%	-3%	-3%	-3%

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 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 and are committed to ensuring that the full impact of energy efficiency measures on GHG emissions are captured.

Annual Emissions Reductions (Short Tons)

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# Greenhouse Gas Emission Reductions for the Three-Year Term

GHG Table 2

GHG reductions are provided for information purposes only. They are not included in the TRC test.

Date of Filing	6/20/2014
Distribution Company	Electric
Program Administrator	Unitil

				Annual Emissions Reductions (Short Tons)		
	Sum of Energy	Sum of Annual Avoided	Sum of Annual Oil			
	(Annual MWh)	Natural Gas, Therms	(MMBTU)	NO <sub>x</sub>	SO <sub>2</sub>	CO <sub>2</sub>
2013						
Planned	7,773	12,231	2,243	1.9	4.9	4,011
Residential	1,063	8,024	1,321	0.3	0.7	553
Low-Income	235	4,287	922	0.1	0.1	124
Commercial & Industrial	6,476	(80)	-	1.6	4.1	3,335
Evaluated	8,303	5,745	5,170	2.0	5.2	4,281
Residential	1,746	5,601	3,971	0.4	1.1	904
Low-Income	275	181	1,199	0.1	0.2	142
Commercial & Industrial	6,281	(37)	-	1.5	4.0	3,235
2014						
Planned	7,886	8,663	2,507	1.9	5.0	4,067
Residential	1,042	7,110	1,616	0.3	0.7	542
Low-Income	234	1,645	891	0.1	0.1	122
Commercial & Industrial	6,609	(93)	-	1.6	4.2	3,404
2015						
Planned	7,955	9,029	2,533	1.9	5.0	4,103
Residential	1,003	7,110	1,606	0.2	0.6	522
Low-Income	232	2,025	926	0.1	0.1	121
Commercial & Industrial	6,720	(105)	-	1.6	4.2	3,460

				Annual Emissions Reductions (Short Tons			
Greenhouse Gas Emission Reductions for the Three-Year Term: Year 1 Evaluated + Year 2 Plan + Year 3 Plan	Sum of Energy (Annual MWh)	Sum of Annual Avoided Natural Gas, Therms	Sum of Annual Oil (MMBTU)	NO <sub>x</sub>	SO <sub>2</sub>	CO <sub>2</sub>	
2013-2015 Total	24,143	23,437	10,210	6	15	12,451	
Residential	3,792	19,821	7,193	1	2	1,967	
Low-Income	742	3,851	3,017	0	0	385	
Commercial & Industrial	19,610	(235)	-	5	12	10,099	

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 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 and are committed to ensuring that the full impact of energy efficiency measures on GHG emissions are captured.

## I. RESIDENTIAL PROGRAMS

#### A. RESIDENTIAL WHOLE HOUSE

The evaluated 2013 benefit-cost ratio for the Residential Whole House program was 2.42. Taking into account the 2013 results, the benefit-cost ratio for this program over the three-year term is projected to be 3.32.

### 1. Residential New Construction & Major Renovation

# a. Significant Variances

A significant variance for the 2013 plan-year exists between planned and actual budget. The primary reasons for the variance are:

#### a) Planned and Actual Budget -

The Company undertook a significant multifamily project that involved geothermal heat pump measures. This was a highly cost effective project that did not require significant funds from the Company to bring to fruition. As a result, expenditures in 2013 were 34 percent lower than planned, due to lower than planned spending in all budget categories, but most significantly in Participant Incentives ("PI") (21% lower), Marketing and Advertising ("MA") (no spending), Sales, Technical Assistance and Training ("STAT") (42% lower), and Evaluation and Market Research ("EVAL") (86% lower).

### Proposed Changes:

The Company does not believe these variances will affect its ability to achieve its savings and benefits goals by the end of the three-year term. Additional opportunities will be pursued in Residential New Construction, and the Company anticipates that there will be more activity in this area as the economy and new construction market strengthens.

### b. Program Cost-Effectiveness

The evaluated benefit-cost ratio for the Residential New Construction initiative is 5.73 for 2013, and 2.34 for the three-year term after accounting for actual results from 2013.

The Company did not plan for the heat pumps that were actually installed in 2013, because when planning for 2013 took place the expectation was that the measures would be installed in 2012. As a result, actual lifetime kWh savings were 600 percent of plan for this initiative. In turn, the benefit-cost ratio for the initiative for 2013 was also substantially higher.

## 2. Residential Multi-Family

# a. Significant Variances

Significant variances for the 2013 plan-year exist between: (a) planned and actual budget; and (b) planned and preliminary total lifetime savings. The primary reasons for such variances are:

# a) Planned and Actual Budget -

The expenditures for the Residential Multi-Family initiative were 66 percent lower than planned due to lower spending in all categories, including Program Planning and Administration ("PP&A") (32% lower), MA (95% lower), PI (67% lower), STAT (61% lower) and EVAL (79% lower). While the Company planned for traditional weatherization work (air sealing and insulation), it experienced a lack of opportunity for installation of these measures and a significant opportunity for lighting improvements, which are less expensive.

# b) Planned and Preliminary Total Benefits –

Because the measures actually installed in this program were heavily weighted toward lighting, the total resource benefits (i.e., from electric savings) were comparable to what was planned (5% lower). However the non-resource benefits (i.e., from fossil fuel savings) were nearly zero. As a result, the actual Total Benefits were 75 percent lower than planned.

# Proposed Changes:

In response to the above variances, the Company plans to make the following changes in program design/implementation:

Consistent with the efforts of the other Program Administrators, the Company continues to seek opportunities to increase the participation of multi-family units in Residential Whole House program through the use of a Multi-family Market Integrator (MMI). In addition, the Company has retained the services of a consultant to undertake a cost effective potential study in the Company's territory. This study will help to identify and characterize the remaining opportunity within the Company's territory for multi-family retrofit, as well as other initiatives. The Company will use the results of this study, expected prior to the end of 2014, to better target and capture opportunity in multi-family.

Given the relatively small size of the Multi-Family Initiative as a component of the Residential Whole House program, and the greater than planned success of the Single-

Family Retrofit program, the Company is confident that the Residential Whole House program will meet or exceed its goals over the three year term.

## b. Program Cost-Effectiveness

The evaluated benefit-cost ratio for this initiative is 1.02 for 2013 and 2.01 for the three-year term after accounting for actual results from 2013.

# 3. Residential Home Energy Services

## a. Significant Variances

Significant variances for the 2013 plan-year exist between planned and actual budget. The primary reasons for the variance are:

Actual expenditures for PI were 128 percent higher than planned due to significant interest for both home energy audits and major measures, including the newly introduced Early Boiler Replacement opportunity. Statewide marketing kept interest in this program high. While the plan called for 48 weatherization jobs and 16 heating system replacements, this initiative realized 107 weatherization jobs and 79 heating system replacements, including 28 early boiler replacements.

The STAT budget category also saw an increase of 39 percent over planned expenditures. However, all other categories saw lower than planned spending. For example: (a) PP&A spending was 16 percent less than planned; (b) MA spending was 85 percent less than planned; and (c) EVAL was 71 percent less than planned. Taken as a whole, overall program costs for this initiative were 66 percent higher than planned.

### Proposed Changes:

While the Company does not believe these variances will affect its ability to achieve its Whole House Program savings and benefits goals by the end of the three-year term, given the popularity of the Home Energy Services initiative, the Company anticipates shifting emphasis and funds from the lower performing Multi-Family Retrofit and Residential New Construction initiatives.

### b. Program Cost-Effectiveness

The benefit-cost ratio for this initiative is 4.80 for 2013 and 4.12 for the three-year term after accounting for actual results from 2013.

#### 4. Residential Behavior/Feedback

The Company did not budget for, nor did it offer a Residential Behavior/Feedback program in 2013.

#### **B. RESIDENTIAL PRODUCTS**

## 1. Residential Cooling & Heating Equipment

### a. Significant Variances

There are no significant variances to report for this initiative.

## b. <u>Program Cost-Effectiveness</u>

The evaluated benefit-cost ratio for this initiative is 1.69 for 2013 and 1.25 for the three-year term after accounting for actual results from 2013.

# 2. Residential Lighting

#### a. Significant Variances

A significant variance for the 2013 plan-year exists between planned and actual budget. The primary reasons for the variance are:

Actual expenditures for the Residential Lighting initiative were 16 percent lower than planned, due primarily to lower than planned spending in MA (52% lower than planned), PI (20% lower than planned), and EVAL (67% lower than planned). However, actual PP&A spending was 30 percent higher than planned, and STAT was 25 percent higher than planned.

The actual measure mix of lighting products differed from plan in that there were significantly fewer high-cost fixtures and hard-to-reach measures rebated than planned. This change in measure mix resulted in lower incentives and higher MWh savings than planned.

### Proposed Changes:

The Company does not believe these variances will affect its ability to achieve its savings or benefits goals by the end of the three-year term.

### b. Program Cost-Effectiveness

The evaluated benefit-cost ratio for this initiative is 3.93 for 2013 and 3.49 for the three-year term after accounting for actual results from 2013.

#### 3. Residential Consumer Products

# a. Significant Variances

Significant variances for the 2013 plan-year exist between: (a) planned and actual budget; and (b) planned and preliminary total benefits. The primary reasons for such variances are:

### a) Planned and Actual Budget -

The total expenditures for the Residential Consumer Products initiative were 42 percent lower than planned, due primarily due to lower than planned spending on PI (75% lower), as well as spending on MA (51% lower), and EVAL (51% lower).

The lower than planned spending on Participant Incentives was due to an actual measure mix that favored low cost rebates, e.g., for televisions.

### b) Planned and Preliminary Total Benefits –

The Preliminary Total Benefits were 15 percent less than planned, due primarily to lower than planned capacity benefits. The Company included room air conditioners in its planned measure mix. These products were subsequently removed from the list of eligible measures, resulting in lower capacity benefits than planned. The change relating to room air conditioners did not impact energy benefits, which came in at just 8 percent under planned.

#### Proposed Changes:

The Company does not believe these variances will affect its ability to achieve its savings or benefits goals by the end of the three-year term.

# b. <u>Program Cost-Effectiveness</u>

The benefit-cost ratio for this initiative is 1.86 for 2013, and 1.24 for the three-year term after accounting for actual results from 2013.

## III. LOW-INCOME PROGRAMS

#### A. LOW-INCOME WHOLE HOUSE

The evaluated 2013 benefit-cost ratio for the Residential Whole House program was 2.64. Taking into account the 2013 results, the benefit-cost ratio for this program over the three-year term is projected to be 1.95.

#### 1. Low-Income New Construction

# a. Significant Variances

Significant variances for the 2013 plan-year exist between: (a) planned and actual budget; (b) planned and preliminary total lifetime savings; and (c) planned and preliminary total benefits.

The primary reasons for such variances are:(a) Planned and Actual Budget; (b) Planned and Preliminary Total Lifetime Savings; and (c) Planned and Preliminary Total Benefits

Due to a lack of activity in the Company's territory, there was no production in the Low Income New Construction initiative in 2013. Therefore, the actual expenditures were 73 percent below budget. While there were no funds expended on Participant Incentives, a modest amount of funds was spent in the other budget categories, specifically PP&A, STAT and EVAL, totaling \$20,407. The market for new construction of low income housing has remained flat in the Company's territory. However, the Company remains vigilant about tracking potential projects.

### Proposed Changes:

While the Company does not believe these variances will affect its ability to achieve its savings or benefits goals by the end of the three-year term for the Low Income Whole House Program, it may shift emphasis from the Low Income New Construction initiative to the Low Income Single Family Retrofit.

## b. Program Cost-Effectiveness

The benefit-cost ratio for this initiative is projected to be 1.71 for the three-year term after accounting for a benefit-cost ratio of 0 from 2013.

# 2. Low-Income Single-Family Retrofit

# a. Significant Variances

There are no significant variances to report for this initiative.

# b. Program Cost-Effectiveness

The evaluated benefit-cost ratio for this initiative is 2.78 for 2013, and 2.28 for the three-year term after accounting for actual results from 2013.

## 3. Low-Income Multi-Family Retrofit

## a. Significant Variances

Significant variances for the 2013 plan-year exist between: (a) planned and actual budget; and (b) planned and preliminary total lifetime savings. The primary reasons for such variances are:

### a) Planned and Actual Budget

Actual spending for this initiative was 37 percent lower than planned. This was due to lower than planned spending in all five budget categories, including PP&A (37% lower), zero spending in MA, PI (17% lower), STAT (56% lower), and EVAL (77% lower). Although actual participation was much higher than planned in 2013, the costs and lifetime savings associated with the installed measure mix were much lower than planned. As in the Residential Program, overall demand for multifamily retrofit services has been sluggish in the Company's service territory. The Company continues to work with the Multi-family Market Integrator (MMI) in effort to improve program results.

### b) Planned and Preliminary Total Lifetime Savings –

The Low Income Multi-Family Retrofit initiative experienced much greater participation than planned (207 units compared to 39 planned). However, the average lifetime savings per unit was only a fraction of what was planned due to the actual measure mix, which relied heavily on CFL and LED lighting and less on traditional weatherization measures such as air sealing and insulation. As a result, the shorter measure lives of the lighting and other measures actually installed led to nearly equal annual savings, but significantly less lifetime savings than planned.

Fitchburg Gas and Electric Light Company d/b/a Unitil 2013 Energy Efficiency Plan-Year Report – Electric Division D.P.U. 14-87

# APPENDIX 1 Significant Core Initiative Variances & Cost-Effectiveness

## Proposed Changes:

The Company does not believe these variances will affect its ability to achieve its savings or benefits goals for the Low Income Whole House Program by the end of the three-year term. It will continue to aggressively pursue opportunities for low income multi-family retrofit weatherization in its territory.

# b. <u>Program Cost-Effectiveness</u>

The evaluated benefit-cost ratio for this initiative is 2.65 for 2013, and 1.55 for the three-year term after accounting for actual results from 2013.

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# APPENDIX 1 Significant Core Initiative Variances & Cost-Effectiveness

### IV. COMMERCIAL & INDUSTRIAL PROGRAMS

#### A. C&I NEW CONSTRUCTION

## a. Significant Variances

A significant variance for the 2013 plan-year exists between planned and actual budget. Primarily, this is due to the Company experiencing fewer custom projects in this program than planned (six planned, two actually undertaken), which led to lower PI spending (29% lower than planned). In addition, rebate expenditures were primarily for upstream lighting, including significantly more LED lighting than was originally screened. PP&A costs were higher than planned by 27 percent, while MA was 79 percent lower than planned, and EVAL was 53 percent lower than planned.

### Proposed Changes:

The Company does not believe this variance will affect its ability to achieve its savings and benefits goals by the end of the three-year term.

### b. Program Cost-Effectiveness

The benefit-cost ratio for this initiative is 3.86 for 2013, and 3.33 for the three-year term after accounting for actual results from 2013.

### B. C&I RETROFIT

#### 1. C&I Retrofit

## a. Significant Variances

A significant variance for the 2013 plan-year exists between planned and actual budget, in which the Commercial and Industrial Retrofit initiative spent 21 percent less than planned. This was due to primarily to lower than expected PI (20% lower) and EVAL (44% lower). The variance in the PI expenditures resulted from differences in the planned versus actual measure mix. There were fewer projects, but a greater variety of measures dominated by custom HVAC, custom compressed air, and lighting measures involving both fluorescents and LEDs.

## Proposed Changes:

Given that total benefits for this initiative were on target for 2013, in spite of the lower than planned spending on Participant Incentives, the Company does not believe these

variances will affect its ability to achieve its savings or benefits goals by the end of the three-year term.

## b. Program Cost-Effectiveness

The evaluated benefit-cost ratio for this initiative is 5.00 for 2013, and 4.09 for the three-year term after accounting for actual results from 2013.

## 2. C&I Direct Install

## a. Significant Variances

There are no significant variances to report for this initiative.

# b. Program Cost-Effectiveness

The evaluated benefit-cost ratio for this initiative is 2.70 for 2013, and 2.50 for the three-year term after accounting for actual results from 2013.