

**PSNH d/b/a Eversource Energy**

**C&I Savings - New Component for Year 2021**

<b>Line</b>	<b>Description</b>	<b>Eversource</b>
1	Gross Annualized kWh Savings	93,121,456
2	Maximum Demand Factor (MDF)	Varies based on measure mix
3	Extended Max. Load Reduction kW	16,535.5
4	% kW Demand Reduction at Customer Peak	Varies based on measure mix
5	Sub-Total Customer Peak kW Reduction	11,141.1
6	% Net to Gross	Varies based on measure mix
7	Sub-Total Customer Peak kW Reduction	10,721.6
8	% In-Service Rate	Varies based on measure mix
9	Sub-Total Customer Peak kW Reduction	10,662.8
10	% kW Realization Rate	Varies based on measure mix
11	Sub-Total Customer Peak kW Reduction	10,637.5
12	% Billing Adjustment to Reflect Ratchets (1)	100.00%
13	Sub-Total Customer Peak kW Reduction	10,637.5
14	% Retirement Adjustment	100.00%
15	Total Customer Peak kW Reduction, Full Year	10,637.5
16	% Annual Savings Achieved in First Year	50.00%
17	Total Customer Peak Red. in First Year	10,194
18	Annualized (x12)	127,650
19	Average Distribution Rate (ADR)	\$ 6.46
20	Total C&I kW LBR	\$ 412,233

Comments:

Above schedule mirrors the Template recommended by the LBRWG Report (p.6)

**PSNH d/b/a Eversource Energy**

**C&I Savings - New Component for Year 2022**

Line	Description	Eversource
1	Gross Annualized kWh Savings	118,548,300
2	Maximum Demand Factor (MDF)	Varies based on measure mix
3	Extended Max. Load Reduction kW	20,447.4
4	% kW Demand Reduction at Customer Peak	Varies based on measure mix
5	Sub-Total Customer Peak kW Reduction	13,499.8
6	% Net to Gross	Varies based on measure mix
7	Sub-Total Customer Peak kW Reduction	13,017.8
8	% In-Service Rate	Varies based on measure mix
9	Sub-Total Customer Peak kW Reduction	12,976.3
10	% kW Realization Rate	Varies based on measure mix
11	Sub-Total Customer Peak kW Reduction	12,958.1
12	% Billing Adjustment to Reflect Ratchets (1)	100.00%
13	Sub-Total Customer Peak kW Reduction	12,958.1
14	% Retirement Adjustment	100.00%
15	Total Customer Peak kW Reduction, Full Year	12,958.1
16	% Annual Savings Achieved in First Year	50.00%
17	Total Customer Peak Red. in First Year	12,418
18	Annualized (x12)	155,497
19	Average Distribution Rate (ADR)	\$ 6.46
20	Total C&I kW LBR	\$ 502,161

Comments:

Above schedule mirrors the Template recommended by the LBRWG Report (p.6)

**PSNH d/b/a Eversource Energy**

**C&I Savings - New Component for Year 2023**

<b>Line</b>	<b>Description</b>	<b>Eversource</b>
1	Gross Annualized kWh Savings	149,242,141
2	Maximum Demand Factor (MDF)	Varies based on measure mix
3	Extended Max. Load Reduction kW	25,290.7
4	% kW Demand Reduction at Customer Peak	Varies based on measure mix
5	Sub-Total Customer Peak kW Reduction	16,408.9
6	% Net to Gross	Varies based on measure mix
7	Sub-Total Customer Peak kW Reduction	16,009.3
8	% In-Service Rate	Varies based on measure mix
9	Sub-Total Customer Peak kW Reduction	15,987.8
10	% kW Realization Rate	Varies based on measure mix
11	Sub-Total Customer Peak kW Reduction	15,822.3
12	% Billing Adjustment to Reflect Ratchets (1)	100.00%
13	Sub-Total Customer Peak kW Reduction	15,822.3
14	% Retirement Adjustment	100.00%
15	Total Customer Peak kW Reduction, Full Year	15,822.3
16	% Annual Savings Achieved in First Year	50.00%
17	Total Customer Peak Red. in First Year	15,163
18	Annualized (x12)	189,868
19	Average Distribution Rate (ADR)	\$ 6.46
20	Total C&I kW LBR	\$ 613,160

Comments:

Above schedule mirrors the Template recommended by the LBRWG Report (p.6)

PSNH d/b/a Eversource Energy

Calculation for LBR New Methodology for Year 2021

Line	Description	Residential kWh	Commercial kWh	C&I kW	Total	Reference
<b>Legacy (Measures Installed in 2017 and 2018): (1)</b>						
1	Program Year 2017 LBR Savings (2)	-	-	-	-	Company Records
2	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.02798	N/A		Attachment E3
3	Sub-Total LBR	\$ -	\$ -	\$ -	\$ -	Line 1 * Line 2
4	Program Year 2018 LBR Savings (2)	7,121,114	38,157,478	-		Company Records
5	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.02798	N/A		Attachment E3
6	Sub-Total LBR	\$ 313,354	\$ 1,067,675	\$ -	\$ 1,381,029	Line 4 * Line 5
7	Sub-Total Legacy Methodology LBR	\$ 313,354	\$ 1,067,675	\$ -	\$ 1,381,029	Line 3 + Line 6
<b>New Methodology (Measures Installed in 2019 and forward): (3)</b>						
8	Program Year 2019 LBR Savings	18,035,905	70,845,870	127,768		Company Records
9	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.01121	\$ 6.46		Attachment E3
10	Sub-Total LBR	\$ 793,642	\$ 794,264	\$ 825,226	\$ 2,413,132	Line 8 * Line 9
11	Program Year 2020 LBR Savings estimated	26,377,578	58,915,156	117,072		Company Forecast
12	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.01121	\$ 6.46		Attachment E3
13	Sub-Total LBR	\$ 1,160,705	\$ 660,507	\$ 756,144	\$ 2,577,356	Line 11 * Line 12
14	Program Year 2021 LBR Savings estimated (annualized)	18,910,761	91,761,370	127,650		Company Forecast
15	Program Year 2021 LBR Savings in 2021	9,455,380	45,880,685	63,825		Company Forecast
16	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.01121	\$ 6.46		Attachment E3
17	Sub-Total LBR	\$ 416,069	\$ 514,375	\$ 412,233	\$ 1,342,678	Line 15 * Line 16
18	Sub-Total New Methodology LBR	\$ 2,370,417	\$ 1,969,146	\$ 1,993,604	\$ 6,333,166	Line 10 + Line 13 + Line 17
19	Total LBR - Year 2021	\$ 2,683,770	\$ 3,036,821	\$ 1,993,604	\$ 7,714,195	Line 7 + Line 18

\*Numbers may not add due to rounding.

Comments

- (1) Legacy portion utilizes old methodology for calculating LBR i.e. it utilizes a combined ADR for measures installed in 2017 and 2018.
- (2) Actual LBR Savings reset as part of DE 19-057 Rate Case
- (3) New methodology disaggregates kWh and kW components as specified in the Settlement Agreement in DE 17.36 (Order No. 26,095)

PSNH d/b/a Eversource Energy

Calculation for LBR New Methodology for Year 2022

Line	Description	Residential kWh	Commercial kWh	C&I kW	Total	Reference
<b>Legacy (Measures Installed in 2017 and 2018): (1)</b>						
1	Program Year 2017 LBR Savings (2)	-	-	-	-	Company Records
2	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.02798	N/A		Attachment E3
3	Sub-Total LBR	\$ -	\$ -	\$ -	\$ -	Line 1 * Line 2
4	Program Year 2018 LBR Savings (2)	6,795,031	38,157,478	-		Company Records
5	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.02798	N/A		Attachment E3
6	Sub-Total LBR	\$ 299,005	\$ 1,067,675	\$ -	\$ 1,366,680	Line 4 * Line 5
7	Sub-Total Legacy Methodology LBR	\$ 299,005	\$ 1,067,675	\$ -	\$ 1,366,680	Line 3 + Line 6
<b>New Methodology (Measures Installed in 2019 and forward): (3)</b>						
8	Program Year 2019 LBR Savings	14,909,999	70,845,870	127,768		Company Records
9	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.01121	\$ 6.46		Attachment E3
10	Sub-Total LBR	\$ 656,092	\$ 794,264	\$ 825,226	\$ 2,275,582	Line 8 * Line 9
11	Program Year 2020 LBR Savings estimated	26,377,578	58,915,156	117,072		Company Forecast
12	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.01121	\$ 6.46		Attachment E3
13	Sub-Total LBR	\$ 1,160,705	\$ 660,507	\$ 756,144	\$ 2,577,356	Line 11 * Line 12
14	Program Year 2021 LBR Savings estimated	18,910,761	91,761,370	127,650		Company Forecast
15	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.01121	\$ 6.46		Attachment E3
16	Sub-Total LBR	\$ 832,139	\$ 1,028,751	\$ 824,466	\$ 2,685,356	Line 14 * Line 15
17	Program Year 2022 LBR Savings estimated (annualized)	14,193,803	116,764,842	155,497		Company Forecast
18	Program Year 2022 LBR Savings in 2022	7,096,901	58,382,421	77,748		Company Forecast
19	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.01121	\$ 6.46		Attachment E3
20	Sub-Total LBR	\$ 312,288	\$ 654,534	\$ 502,161	\$ 1,468,984	Line 18 * Line 19
21	Sub-Total New Methodology LBR	\$ 2,961,224	\$ 3,138,055	\$ 2,907,998	\$ 9,007,277	Line 10 + Line 13 + Line 16 + Line 20
22	Total LBR - Year 2022	\$ 3,260,229	\$ 4,205,731	\$ 2,907,998	\$ 10,373,957	Line 7 + Line 21

\*Numbers may not add due to rounding.

Comments

- (1) Legacy portion utilizes old methodology for calculating LBR i.e. it utilizes a combined ADR for measures installed in 2017 and 2018.
- (2) Actual LBR Savings reset as part of DE 19-057 Rate Case
- (3) New methodology disaggregates kWh and kW components as specified in the Settlement Agreement in DE 17-36 (Order No. 26,095)

PSNH d/b/a Eversource Energy

Calculation for LBR New Methodology for Year 2023

Line	Description	Residential kWh	Commercial kWh	C&I kW	Total	Reference
<b>Legacy (Measures Installed in 2017 and 2018): (1)</b>						
1	Program Year 2017 LBR Savings (2)	-	-	-	-	Company Records
2	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.02798	N/A		Attachment E3
3	Sub-Total LBR	\$ -	\$ -	\$ -	\$ -	Line 1 * Line 2
4	Program Year 2018 LBR Savings (2)	6,684,435	38,157,478	-		Company Records
5	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.02798	N/A		Attachment E3
6	Sub-Total LBR	\$ 294,138	\$ 1,067,675	\$ -	\$ 1,361,814	Line 4 * Line 5
7	Sub-Total Legacy Methodology LBR	\$ 294,138	\$ 1,067,675	\$ -	\$ 1,361,814	Line 3 + Line 6
<b>New Methodology (Measures Installed in 2019 and forward): (3)</b>						
8	Program Year 2019 LBR Savings	13,767,029	70,845,870	127,768		Company Records
9	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.01121	\$ 6.46		Attachment E3
10	Sub-Total LBR	\$ 605,797	\$ 794,264	\$ 825,226	\$ 2,225,287	Line 8 * Line 9
11	Program Year 2020 LBR Savings estimated	26,377,578	58,915,156	117,072		Company Forecast
12	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.01121	\$ 6.46		Attachment E3
13	Sub-Total LBR	\$ 1,160,705	\$ 660,507	\$ 756,144	\$ 2,577,356	Line 11 * Line 12
14	Program Year 2021 LBR Savings estimated	18,910,761	91,761,370	127,650		Company Forecast
15	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.01121	\$ 6.46		Attachment E3
16	Sub-Total LBR	\$ 832,139	\$ 1,028,751	\$ 824,466	\$ 2,685,356	Line 14 * Line 15
17	Program Year 2022 LBR Savings estimated	14,193,803	116,764,842	155,497		Company Forecast
18	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.01121	\$ 6.46		Attachment E3
19	Sub-Total LBR	\$ 624,576	\$ 1,309,068	\$1,004,323	\$ 2,937,968	Line 17 * Line 18
20	Program Year 2023 LBR Savings estimated (annualized)	13,211,175	147,526,270	189,868		Company Forecast
21	Program Year 2023 LBR Savings in 2023	6,605,587	73,763,135	94,934		Company Forecast
22	Average Distribution Rate (ADR)	\$ 0.04400	\$ 0.01121	\$ 6.46		Attachment E3
23	Sub-Total LBR	\$ 290,669	\$ 826,970	\$ 613,160	\$ 1,730,798	Line 21 * Line 22
24	Sub-Total New Methodology LBR	\$ 3,513,886	\$ 4,619,559	\$4,023,319	\$12,156,765	Line 10 + Line 13 + Line 16 + Line 19 + Line 23
25	Total LBR - Year 2023	\$ 3,808,024	\$ 5,687,235	\$4,023,319	\$13,518,578	Line 7 + Line 24

\*Numbers may not add due to rounding.

Comments

- (1) Legacy portion utilizes old methodology for calculating LBR i.e. it utilizes a combined ADR for measures installed in 2017 and 2018.
- (2) Actual LBR Savings reset as part of DE 19-057 Rate Case
- (3) New methodology disaggregates kWh and kW components as specified in the Settlement Agreement in DE 17-36 (Order No. 26,095)

**Unitil Energy Systems, Inc.**

**C&I Savings - New Component for Year 2021**

<b>Line</b>	<b>Description</b>	<b>Unitil</b>
1	Gross Annualized kWh Savings	10,616,063
2	Maximum Demand Factor (MDF)	Varies based on measure mix
3	Extended Max. Load Reduction kW	1,440.2
4	% kW Demand Reduction at Customer Peak	Varies based on measure mix
5	Sub-Total Customer Peak kW Reduction	816.0
6	% Net to Gross	Varies based on measure mix
7	Sub-Total Customer Peak kW Reduction	766.5
8	% In-Service Rate	Varies based on measure mix
9	Sub-Total Customer Peak kW Reduction	766.5
10	% kW Realization Rate	Varies based on measure mix
11	Sub-Total Customer Peak kW Reduction	766.5
12	% Billing Adjustment to Reflect Ratchets (1)	100.00%
13	Sub-Total Customer Peak kW Reduction	766.5
14	% Retirement Adjustment	100.00%
15	Total Customer Peak kW Reduction, Full Year	766.5
16	% Annual Savings Achieved in First Year	51%
17	Total Customer Peak Red. in First Year	388.2
18	Annualized (x12)	4,659.0
19	Average Distribution Rate (ADR)	\$ 9.16
20	Total C&I kW LBR	\$ 42,676

Comments:

Above schedule mirrors the Template recommended by the LBRWG Report (p.6)

**Unitil Energy Systems, Inc.**

**C&I Savings - New Component for Year 2022**

<b>Line</b>	<b>Description</b>	<b>Unitil</b>
1	Gross Annualized kWh Savings	12,339,688
2	Maximum Demand Factor (MDF)	<u>Varies based on measure mix</u>
3	Extended Max. Load Reduction kW	1,166.2
4	% kW Demand Reduction at Customer Peak	<u>Varies based on measure mix</u>
5	Sub-Total Customer Peak kW Reduction	612.8
6	% Net to Gross	<u>Varies based on measure mix</u>
7	Sub-Total Customer Peak kW Reduction	571.7
8	% In-Service Rate	<u>Varies based on measure mix</u>
9	Sub-Total Customer Peak kW Reduction	571.7
10	% kW Realization Rate	<u>Varies based on measure mix</u>
11	Sub-Total Customer Peak kW Reduction	571.7
12	% Billing Adjustment to Reflect Ratchets (1)	100.00%
13	Sub-Total Customer Peak kW Reduction	571.7
14	% Retirement Adjustment	100.00%
15	Total Customer Peak kW Reduction, Full Year	571.7
16	% Annual Savings Achieved in First Year	50%
17	Total Customer Peak Red. in First Year	285.9
18	Annualized (x12)	3,430.4
19	Average Distribution Rate (ADR)	\$ 9.16
20	Total C&I kW LBR	<u>\$ 31,423</u>

Comments:

Above schedule mirrors the Template recommended by the LBRWG Report (p.6)



**Unitil Energy Systems, Inc.**

**C&I Savings - New Component for Year 2023**

<b>Line</b>	<b>Description</b>	<b>Unitil</b>
1	Gross Annualized kWh Savings	14,862,555
2	Maximum Demand Factor (MDF)	<u>Varies based on measure mix</u>
3	Extended Max. Load Reduction kW	1,236.5
4	% kW Demand Reduction at Customer Peak	<u>Varies based on measure mix</u>
5	Sub-Total Customer Peak kW Reduction	625.6
6	% Net to Gross	<u>Varies based on measure mix</u>
7	Sub-Total Customer Peak kW Reduction	588.6
8	% In-Service Rate	<u>Varies based on measure mix</u>
9	Sub-Total Customer Peak kW Reduction	588.6
10	% kW Realization Rate	<u>Varies based on measure mix</u>
11	Sub-Total Customer Peak kW Reduction	588.6
12	% Billing Adjustment to Reflect Ratchets (1)	<u>100.00%</u>
13	Sub-Total Customer Peak kW Reduction	588.6
14	% Retirement Adjustment	<u>100.00%</u>
15	Total Customer Peak kW Reduction, Full Year	588.6
16	% Annual Savings Achieved in First Year	<u>50%</u>
17	Total Customer Peak Red. in First Year	294.3
18	Annualized (x12)	3,531.6
19	Average Distribution Rate (ADR)	<u>\$ 9.16</u>
20	Total C&I kW LBR	<u><u>\$ 32,349</u></u>

Comments:

Above schedule mirrors the Template recommended by the LBRWG Report (p.6)

Description	Residential kWh	Commercial kWh	C&I kW	Total	Reference
<b>Legacy (Measures Installed in 2017 and 2018):</b>	(Note 1)				
1. Program Year 2017 Actual LBR Savings	1,344,216	6,004,884	-	7,349,100	DE 14-216, 2017 Annual Report, P. 3
2. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.03217</u>	-		DE 20-092, Attachment H3 Page 8
3. Sub-Total LBR	\$ 47,827	\$ 193,177	\$ -	\$ 241,004	Line 1 * Line 2
4. Program Year 2018 Actual LBR Savings	(Note 2)				
5. Program Year 2018 Actual Retired LBR Savings	2,868,216	6,708,144	-	9,576,360	DE 17-136, 2018 Annual Report, P. 3
6. Average Distribution Rate (ADR)	(385,652)	-	-	(385,652)	DE 17-136, 2019 Annual Report, P. 3
7. Sub-Total LBR	<u>\$0.03558</u>	<u>\$0.03217</u>	-		DE 20-092, Attachment H3 Page 8
8. Sub-Total Legacy Savings (Measures Installed in 2017 and 2018)	\$ 88,330	\$ 215,801	\$ -	\$ 304,130	(Line 4 + Line 5) * Line 6
<b>New Methodology (Measures Installed in 2019 and forward):</b>	(Note 3)				
9. Program Year 2019 Actual LBR Savings	4,692,054	6,410,154	13,686	11,115,894	DE 17-136, 2019 Annual Report, P. 3
10. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.00024</u>	<u>\$9.16</u>		DE 20-092, Attachment H3 Page 8
11. Sub-Total LBR	\$ 166,943	\$ 1,538	\$ 125,362	\$ 293,843	Line 9 * Line 10
12. Program Year 2020 Estimated LBR Savings	3,214,309	10,734,644	13,216	13,962,169	DE 17-136, 2020 Planned Savings
13. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.00024</u>	<u>\$9.16</u>		DE 20-092, Attachment H3 Page 8
14. Sub-Total LBR	\$ 114,365	\$ 2,576	\$ 121,061	\$ 238,003	Line 12 * Line 13
15. Program Year 2021 Estimated LBR Savings (annualized)	5,418,938	10,495,391	9,318	15,923,647	DE 20-092 Planned Savings
16. Program Year 2021 Estimated LBR Savings in 2021	2,745,144	5,316,790	4,659	8,066,593	DE 20-092 Attachment H3
17. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.00024</u>	<u>\$9.16</u>		DE 20-092, Attachment H3 Page 8
18. Sub-Total LBR	\$ 97,672	\$ 1,276	\$ 42,676	\$ 141,624	Line 16 * Line 17
<b>19. Sub-Total "New Method" LBR - 2019 Forward</b>	<b>\$ 378,981</b>	<b>\$ 5,391</b>	<b>\$ 289,099</b>	<b>\$ 673,470</b>	<b>Line 11 + Line 14 + Line 18</b>
<b>20. Total 2021 Estimated LBR</b>	<b>\$ 515,137</b>	<b>\$ 414,369</b>	<b>\$ 289,099</b>	<b>\$ 1,218,605</b>	<b>Line 8 + Line 19</b>

Comments

1. Legacy portion utilizes old methodology for calculating LBR - i.e. it utilizes a combined ADR for measures installed in 2017 and 2018.
2. Actual LBR Savings differ from program savings as the 110% LBR cap was reached
3. New methodology disaggregates kWh and kW components as specified in the Settlement Agreement in DE 17-136 (Order No. 26,095).

Description	Residential kWh	Commercial kWh	C&I kW	Total	Reference
<b>Legacy (Measures Installed in 2017 and 2018):</b>	(Note 1)				
1. Program Year 2017 Actual LBR Savings	1,344,216	6,004,884	-	7,349,100	DE 14-216, 2017 Annual Report, P. 3
2. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.03217</u>	-		DE 20-092, Attachment H3 Page 8
3. Sub-Total LBR	\$ 47,827	\$ 193,177	\$ -	\$ 241,004	Line 1 * Line 2
4. Program Year 2018 Actual LBR Savings	(Note 2)				
5. Program Year 2018 Actual Retired LBR Savings	2,868,216	6,708,144	-	9,576,360	DE 17-136, 2018 Annual Report, P. 3
6. Average Distribution Rate (ADR)	(385,652)	-	-	(385,652)	DE 17-136, 2019 Annual Report, P. 3
7. Sub-Total LBR	<u>\$0.03558</u>	<u>\$0.03217</u>	-		DE 20-092, Attachment H3 Page 8
8. Sub-Total Legacy Savings (Measures Installed in 2017 and 2018)	\$ 88,330	\$ 215,801	\$ -	\$ 304,130	(Line 4 + Line 5) * Line 6
<b>New Methodology (Measures Installed in 2019 and forward):</b>	(Note 3)				
9. Program Year 2019 Actual LBR Savings	4,692,054	6,410,154	13,686	11,115,894	DE 17-136, 2019 Annual Report, P. 3
10. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.00024</u>	<u>\$9.16</u>		DE 20-092, Attachment H3 Page 8
11. Sub-Total LBR	\$ 166,943	\$ 1,538	\$ 125,362	\$ 293,843	Line 9 * Line 10
12. Program Year 2020 Estimated LBR Savings	3,214,309	10,734,644	13,216	13,962,169	DE 17-136, 2020 Planned Savings
13. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.00024</u>	<u>\$9.16</u>		DE 20-092, Attachment H3 Page 8
14. Sub-Total LBR	\$ 114,365	\$ 2,576	\$ 121,061	\$ 238,003	Line 12 * Line 13
15. Program Year 2021 Estimated LBR Savings	5,418,938	10,495,391	9,318	15,923,647	DE 20-092 Planned Savings
16. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.00024</u>	<u>\$9.16</u>		DE 20-092, Attachment H3 Page 8
17. Sub-Total LBR	\$ 192,806	\$ 2,519	\$ 85,352	\$ 280,677	Line 15 * Line 16
18. Program Year 2022 Estimated LBR Savings (annualized)	4,986,468	12,163,006	6,861	17,156,334	DE 20-092 Planned Savings
19. Program Year 2022 Estimated LBR Savings in 2022	2,526,062	6,161,576	3,430	8,691,068	DE 20-092 Attachment H3
20. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.00024</u>	<u>\$9.16</u>		DE 20-092, Attachment H3 Page 8
21. Sub-Total LBR	\$ 89,877	\$ 1,479	\$ 31,423	\$ 122,779	Line 19 * Line 20
<b>22. Sub-Total "New Method" LBR - 2019 Forward</b>	<b>\$ 563,991</b>	<b>\$ 8,112</b>	<b>\$ 363,198</b>	<b>\$ 935,302</b>	<b>Line 11 + Line 14 + Line 17 + Line 21</b>
<b>23. Total 2022 Estimated LBR</b>	<b>\$ 700,148</b>	<b>\$ 417,090</b>	<b>\$ 363,198</b>	<b>\$ 1,480,436</b>	<b>Line 8 + Line 22</b>

Comments

1. Legacy portion utilizes old methodology for calculating LBR - i.e. it utilizes a combined ADR for measures installed in 2017 and 2018.
2. Actual LBR Savings differ from program savings as the 110% LBR cap was reached
3. New methodology disaggregates kWh and kW components as specified in the Settlement Agreement in DE 17-136 (Order No. 26,095).

Description	Residential kWh	Commercial kWh	C&I kW	Total	Reference
<b>Legacy (Measures Installed in 2017 and 2018):</b>	(Note 1)				
1. Program Year 2017 Actual LBR Savings	1,344,216	6,004,884	-	7,349,100	DE 14-216, 2017 Annual Report, P. 3
2. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.03217</u>	-		DE 20-092, Attachment H3 Page 8
3. Sub-Total LBR	\$ 47,827	\$ 193,177	\$ -	\$ 241,004	Line 1 * Line 2
4. Program Year 2018 Actual LBR Savings	2,868,216	6,708,144	-	9,576,360	DE 17-136, 2018 Annual Report, P. 3
5. Program Year 2018 Actual Retired LBR Savings	(385,652)	-	-	(385,652)	DE 17-136, 2019 Annual Report, P. 3
6. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.03217</u>	-		DE 20-092, Attachment H3 Page 8
7. Sub-Total LBR	\$ 88,330	\$ 215,801	\$ -	\$ 304,130	(Line 4 + Line 5) * Line 6
<b>8. Sub-Total Legacy Savings (Measures Installed in 2017 and 2018)</b>	<b>\$ 136,157</b>	<b>\$ 408,978</b>	<b>\$ -</b>	<b>\$ 545,135</b>	<b>Line 3 + Line 7</b>
<b>New Methodology (Measures Installed in 2019 and forward):</b>	(Note 3)				
9. Program Year 2019 Actual LBR Savings	4,692,054	6,410,154	13,686	11,115,894	DE 17-136, 2019 Annual Report, P. 3
10. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.00024</u>	<u>\$9.16</u>		DE 20-092, Attachment H3 Page 8
11. Sub-Total LBR	\$ 166,943	\$ 1,538	\$ 125,362	\$ 293,843	Line 9 * Line 10
12. Program Year 2020 Estimated LBR Savings	3,214,309	10,734,644	13,216	13,962,169	DE 17-136, 2020 Planned Savings
13. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.00024</u>	<u>\$9.16</u>		DE 20-092, Attachment H3 Page 8
14. Sub-Total LBR	\$ 114,365	\$ 2,576	\$ 121,061	\$ 238,003	Line 12 * Line 13
15. Program Year 2021 Estimated LBR Savings	5,418,938	10,495,391	9,318	15,923,647	DE 20-092 Planned Savings
16. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.00024</u>	<u>\$9.16</u>		DE 20-092, Attachment H3 Page 8
17. Sub-Total LBR	\$ 192,806	\$ 2,519	\$ 85,352	\$ 280,677	Line 15 * Line 16
18. Program Year 2022 Estimated LBR Savings	4,986,468	12,163,006	6,861	17,156,334	DE 20-092 Planned Savings
19. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.00024</u>	<u>\$9.16</u>		DE 20-092, Attachment H3 Page 8
20. Sub-Total LBR	\$ 177,419	\$ 2,919	\$ 62,845	\$ 243,183	Line 18 * Line 19
21. Program Year 2023 Estimated LBR Savings (annualized)	5,690,806	14,624,676	7,063	20,322,545	DE 20-092 Planned Savings
22. Program Year 2023 Estimated LBR Savings in 2023	2,882,867	7,408,617	3,532	10,295,016	DE 20-092 Attachment H3
23. Average Distribution Rate (ADR)	<u>\$0.03558</u>	<u>\$0.00024</u>	<u>\$9.16</u>		DE 20-092, Attachment H3 Page 8
24. Sub-Total LBR	\$ 102,572	\$ 1,778	\$ 32,349	\$ 136,700	Line 22 * Line 23
<b>25. Sub-Total "New Method" LBR - 2019 Forward</b>	<b>\$ 754,105</b>	<b>\$ 11,331</b>	<b>\$ 426,969</b>	<b>\$ 1,192,405</b>	<b>Line 11 + Line 14 + Line 17 + Line 20</b>
<b>26. Total 2023 Estimated LBR</b>	<b>\$ 890,262</b>	<b>\$ 420,309</b>	<b>\$ 426,969</b>	<b>\$ 1,737,540</b>	<b>Line 8 + Line 25</b>

Comments

1. Legacy portion utilizes old methodology for calculating LBR - i.e. it utilizes a combined ADR for measures installed in 2017 and 2018.
2. Actual LBR Savings differ from program savings as the 110% LBR cap was reached
3. New methodology disaggregates kWh and kW components as specified in the Settlement Agreement in DE 17-136 (Order No. 26,095).

Description	Therm Savings			Ref.
	Residential	C&I	Total	
<b>Measures Installed in 2017:</b>				
1. Program Year 2017 Actual Therm Savings (Nov - Apr)	35,378	132,787	168,165	2017 Annual Report, P2, Annualized Savings/12*6
2. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
3. Sub-Total LBR	\$ 24,466	\$ 26,470	\$ 50,936	Ln 1 * Ln 2
4. Program Year 2017 Actual Therm Savings (May - Oct)	35,378	132,787	168,165	2017 Annual Report, P2, Annualized Savings/12*6
5. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
6. Sub-Total LBR	\$ 21,608	\$ 15,914	\$ 37,522	Ln 4 * Ln 5
7. <b>Total LBR (Measures Installed in 2017)</b>	\$ 46,074	\$ 42,383	\$ 88,458	Ln 3 + Ln 6
<b>Measures Installed in 2018:</b>				
8. Program Year 2018 Actual Therm Savings (Nov - Apr)	57,884	91,060	148,944	2018 Annual Reports, P2, Annualized Savings/12*6
9. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
10. Sub-Total LBR	\$ 40,031	\$ 18,152	\$ 58,182	Ln 8 * Ln 9
11. Program Year 2018 Actual Therm Savings (May - Oct)	57,884	91,060	148,944	2018 Annual Reports, P2, Annualized Savings/12*6
12. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
13. Sub-Total LBR	\$ 35,354	\$ 10,913	\$ 46,267	Ln 11 * Ln 12
14. <b>Total LBR (Measures Installed in 2018)</b>	\$ 75,385	\$ 29,065	\$ 104,450	Ln 10 + Ln 13
<b>Measures Installed in 2019:</b>				
15. Program Year 2019 Estimated Therm Savings (Nov - Apr)	81,308	120,580	201,888	2019 Annual Reports, P2, Annualized Savings/12*6
16. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
17. Sub-Total LBR	\$ 56,230	\$ 24,036	\$ 80,266	Ln 15 * Ln 16
18. Program Year 2019 Estimated Therm Savings (May - Oct)	81,308	120,580	201,888	2019 Update, Att J5, P4 & P5, Annualized Therms
19. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
20. Sub-Total LBR	\$ 49,661	\$ 14,451	\$ 64,112	Ln 18 * Ln 19
21. <b>Total LBR (Measures Installed in 2019)</b>	\$ 105,891	\$ 38,487	\$ 144,378	Ln 17 + Ln 20
<b>Measures Installed in 2020:</b>				
22. Program Year 2020 Estimated Therm Savings (Nov - Apr)	64,728	132,554	197,283	Attachment J5, P4
23. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
24. Sub-Total LBR	\$ 44,764	\$ 26,423	\$ 71,187	Ln 22 * Ln 23
25. Program Year 2020 Estimated Therm Savings (May - Oct)	65,603	135,953	201,556	Attachment J5, P4
26. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
27. Sub-Total LBR	\$ 40,069	\$ 16,293	\$ 56,362	Ln 25 * Ln 26
28. <b>Total LBR (Measures Installed in 2020)</b>	\$ 84,833	\$ 42,716	\$ 127,549	Ln 24 + Ln 27
<b>Measures Installed in 2021:</b>				
29. Program Year 2021 Estimated Therm Savings (Nov - Apr)	6,228	10,929	17,157	Attachment J5, P4
30. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
31. Sub-Total LBR	\$ 4,307	\$ 2,179	\$ 6,486	Ln 29 * Ln 30
32. Program Year 2021 Estimated Therm Savings (May - Oct)	45,898	63,479	109,378	Attachment J5, P4
33. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
34. Sub-Total LBR	\$ 28,034	\$ 7,608	\$ 35,641	Ln 32 * Ln 33
35. <b>Total LBR (Measures Installed in 2021)</b>	\$ 32,341	\$ 9,786	\$ 42,127	Ln 31 + Ln 34
36. <b>Grand Total Forecasted LBR (Nov 2020 to Oct 2021)</b>	<b>\$ 344,524</b>	<b>\$ 162,437</b>	<b>\$ 506,960</b>	<b>Ln 7 + Ln 14 + Ln 21 + Ln 28 + Ln 35</b>

\*November 2020 through October 2021

Description	Therm Savings			Ref.
	Residential	C&I	Total	
<b>Measures Installed in 2017:</b>				
1. Program Year 2017 Actual Therm Savings (Nov - Apr)	35,378	132,787	168,165	2017 Annual Report, P2, Annualized Savings/12*6
2. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
3. Sub-Total LBR	\$ 24,466	\$ 26,470	\$ 50,936	Ln 1 * Ln 2
4. Program Year 2017 Actual Therm Savings (May - Oct)	35,378	132,787	168,165	2017 Annual Report, P2, Annualized Savings/12*6
5. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
6. Sub-Total LBR	\$ 21,608	\$ 15,914	\$ 37,522	Ln 4 * Ln 5
7. <b>Total LBR (Measures Installed in 2017)</b>	\$ 46,074	\$ 42,383	\$ 88,458	Ln 3 + Ln 6
<b>Measures Installed in 2018:</b>				
8. Program Year 2018 Actual Therm Savings (Nov - Apr)	57,884	91,060	148,944	2018 Annual Reports, P2, Annualized Savings/12*6
9. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
10. Sub-Total LBR	\$ 40,031	\$ 18,152	\$ 58,182	Ln 8 * Ln 9
11. Program Year 2018 Actual Therm Savings (May - Oct)	57,884	91,060	148,944	2018 Annual Reports, P2, Annualized Savings/12*6
12. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
13. Sub-Total LBR	\$ 35,354	\$ 10,913	\$ 46,267	Ln 11 * Ln 12
14. <b>Total LBR (Measures Installed in 2018)</b>	\$ 75,385	\$ 29,065	\$ 104,450	Ln 10 + Ln 13
<b>Measures Installed in 2019:</b>				
15. Program Year 2019 Estimated Therm Savings (Nov - Apr)	81,308	120,580	201,888	2019 Annual Reports, P2, Annualized Savings/12*6
16. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
17. Sub-Total LBR	\$ 56,230	\$ 24,036	\$ 80,266	Ln 15 * Ln 16
18. Program Year 2019 Estimated Therm Savings (May - Oct)	81,308	120,580	201,888	2019 Update, Att J5, P4 & P5, Annualized Therms
19. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
20. Sub-Total LBR	\$ 49,661	\$ 14,451	\$ 64,112	Ln 18 * Ln 19
21. <b>Total LBR (Measures Installed in 2019)</b>	\$ 105,891	\$ 38,487	\$ 144,378	Ln 17 + Ln 20
<b>Measures Installed in 2020:</b>				
22. Program Year 2020 Estimated Therm Savings (Nov - Apr)	65,603	135,953	201,556	Attachment J5, P4
23. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
24. Sub-Total LBR	\$ 45,369	\$ 27,101	\$ 72,469	Ln 22 * Ln 23
25. Program Year 2020 Estimated Therm Savings (May - Oct)	65,603	135,953	201,556	Attachment J5, P4
26. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
27. Sub-Total LBR	\$ 40,069	\$ 16,293	\$ 56,362	Ln 25 * Ln 26
28. <b>Total LBR (Measures Installed in 2020)</b>	\$ 85,438	\$ 43,394	\$ 128,831	Ln 24 + Ln 27
<b>Measures Installed in 2021:</b>				
29. Program Year 2021 Estimated Therm Savings (Nov - Apr)	80,152	136,027	216,180	Attachment J5, P4
30. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
31. Sub-Total LBR	\$ 55,431	\$ 27,115	\$ 82,546	Ln 29 * Ln 30
32. Program Year 2021 Estimated Therm Savings (May - Oct)	81,236	139,515	220,751	Attachment J5, P4
33. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
34. Sub-Total LBR	\$ 49,617	\$ 16,720	\$ 66,337	Ln 32 * Ln 33
35. <b>Total LBR (Measures Installed in 2021)</b>	\$ 105,048	\$ 43,835	\$ 148,883	Ln 31 + Ln 34
<b>Measures Installed in 2022:</b>				
36. Program Year 2022 Estimated Therm Savings (Nov - Apr)	7,847	16,242	24,088	Attachment J5, P4
37. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
38. Sub-Total LBR	\$ 5,427	\$ 3,238	\$ 8,664	Ln 36 * Ln 37
39. Program Year 2022 Estimated Therm Savings (May - Oct)	57,827	94,340	152,167	Attachment J5, P4
40. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
41. Sub-Total LBR	\$ 35,320	\$ 11,306	\$ 46,626	Ln 39 * Ln 40
42. <b>Total LBR (Measures Installed in 2022)</b>	\$ 40,746	\$ 14,543	\$ 55,290	Ln 38 + Ln 41
43. <b>Grand Total Forecasted LBR (Nov 2021 to Oct 2022)</b>	<b>\$ 458,582</b>	<b>\$ 211,707</b>	<b>\$ 670,289</b>	<b>Ln 7 + Ln 14 + Ln 21 + Ln 28 + Ln 35 + Ln 42</b>

\*November 2021 through October 2022

Description	Therm Savings			Ref.
	Residential	C&I	Total	
<b>Measures Installed in 2017:</b>				
1. Program Year 2017 Actual Therm Savings (Nov - Apr)	35,378	132,787	168,165	2017 Annual Report, P2, Annualized Savings/12*6
2. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
3. Sub-Total LBR	\$ 24,466	\$ 26,470	\$ 50,936	Ln 1 * Ln 2
4. Program Year 2017 Actual Therm Savings (May - Oct)	35,378	132,787	168,165	2017 Annual Report, P2, Annualized Savings/12*6
5. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
6. Sub-Total LBR	\$ 21,608	\$ 15,914	\$ 37,522	Ln 4 * Ln 5
7. <b>Total LBR (Measures Installed in 2017)</b>	\$ 46,074	\$ 42,383	\$ 88,458	Ln 3 + Ln 6
<b>Measures Installed in 2018:</b>				
8. Program Year 2018 Actual Therm Savings (Nov - Apr)	57,884	91,060	148,944	2018 Annual Reports, P2, Annualized Savings/12*6
9. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
10. Sub-Total LBR	\$ 40,031	\$ 18,152	\$ 58,182	Ln 8 * Ln 9
11. Program Year 2018 Actual Therm Savings (May - Oct)	57,884	91,060	148,944	2018 Annual Reports, P2, Annualized Savings/12*6
12. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
13. Sub-Total LBR	\$ 35,354	\$ 10,913	\$ 46,267	Ln 11 * Ln 12
14. <b>Total LBR (Measures Installed in 2018)</b>	\$ 75,385	\$ 29,065	\$ 104,450	Ln 10 + Ln 13
<b>Measures Installed in 2019:</b>				
15. Program Year 2019 Estimated Therm Savings (Nov - Apr)	81,308	120,580	201,888	2019 Annual Reports, P2, Annualized Savings/12*6
16. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
17. Sub-Total LBR	\$ 56,230	\$ 24,036	\$ 80,266	Ln 15 * Ln 16
18. Program Year 2019 Estimated Therm Savings (May - Oct)	81,308	120,580	201,888	2019 Update, Att J5, P4 & P5, Annualized Therms
19. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
20. Sub-Total LBR	\$ 49,661	\$ 14,451	\$ 64,112	Ln 18 * Ln 19
21. <b>Total LBR (Measures Installed in 2019)</b>	\$ 105,891	\$ 38,487	\$ 144,378	Ln 17 + Ln 20
<b>Measures Installed in 2020:</b>				
22. Program Year 2020 Estimated Therm Savings (Nov - Apr)	65,603	135,953	201,556	Attachment J5, P4
23. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
24. Sub-Total LBR	\$ 45,369	\$ 27,101	\$ 72,469	Ln 22 * Ln 23
25. Program Year 2020 Estimated Therm Savings (May - Oct)	65,603	135,953	201,556	Attachment J5, P4
26. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
27. Sub-Total LBR	\$ 40,069	\$ 16,293	\$ 56,362	Ln 25 * Ln 26
28. <b>Total LBR (Measures Installed in 2020)</b>	\$ 85,438	\$ 43,394	\$ 128,831	Ln 24 + Ln 27
<b>Measures Installed in 2021:</b>				
29. Program Year 2021 Estimated Therm Savings (Nov - Apr)	81,236	139,515	220,751	Attachment J5, P4
30. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
31. Sub-Total LBR	\$ 56,180	\$ 27,811	\$ 83,991	Ln 29 * Ln 30
32. Program Year 2021 Estimated Therm Savings (May - Oct)	81,236	139,515	220,751	Attachment J5, P4
33. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
34. Sub-Total LBR	\$ 49,617	\$ 16,720	\$ 66,337	Ln 32 * Ln 33
35. <b>Total LBR (Measures Installed in 2021)</b>	\$ 105,797	\$ 44,531	\$ 150,327	Ln 31 + Ln 34
<b>Measures Installed in 2022:</b>				
36. Program Year 2022 Estimated Therm Savings (Nov - Apr)	100,985	202,156	303,141	Attachment J5, P4
37. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
38. Sub-Total LBR	\$ 69,838	\$ 40,297	\$ 110,135	Ln 36 * Ln 37
39. Program Year 2022 Estimated Therm Savings (May - Oct)	102,349	207,340	309,689	Attachment J5, P4
40. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
41. Sub-Total LBR	\$ 62,513	\$ 24,848	\$ 87,361	Ln 39 * Ln 40
42. <b>Total LBR (Measures Installed in 2022)</b>	\$ 132,350	\$ 65,146	\$ 197,496	Ln 38 + Ln 41
<b>Measures Installed in 2023:</b>				
43. Program Year 2023 Estimated Therm Savings (Nov - Apr)	10,256	21,761	32,017	Attachment J5, P4
44. Average Distribution Rates (ADR) (Nov - Apr)	\$0.6916	\$0.1993		Attachment J5, P3
45. Sub-Total LBR	\$ 7,093	\$ 4,338	\$ 11,430	Ln 43 * Ln 44
46. Program Year 2023 Estimated Therm Savings (May - Oct)	75,581	126,399	201,979	Attachment J5, P4
47. Average Distribution Rates (ADR) (May - Oct)	\$0.6108	\$0.1198		Attachment J5, P3
48. Sub-Total LBR	\$ 46,163	\$ 15,148	\$ 61,311	Ln 46 * Ln 47
49. <b>Total LBR (Measures Installed in 2023)</b>	\$ 53,256	\$ 19,486	\$ 72,741	Ln 45 + Ln 48
43. <b>Grand Total Forecasted LBR (Nov 2022 to Oct 2023)</b>	\$ 604,191	\$ 282,490	\$ 886,681	Ln 7 + Ln 14 + Ln 21 + Ln 28 + Ln 35 + Ln 42
	\$ 604,191	\$ 282,490	\$ 886,681	

\*November 2022 through October 2023

**Attachment M: Bill and Rate Impacts of 2021-2023 Plan**

The regulated utilities estimated the following bill and rate impacts of the 2021-2023 plan using Synapse Energy Economics’ bill and rate impact model, which is still in the process of being finalized, and is meant to calculate the impacts of the proposed energy efficiency programs relative to a scenario with no energy efficiency programs. As proposed, the 2021- 2023 energy efficiency programs are expected to reduce the regulated electric utilities’ revenue requirements by -1.36% on average, or -\$410.4M in total, over the life of the measures installed during the 2021-2023 term and across all programs. The regulated gas utilities’ revenue requirements are expected to reduce by -2.24% on average, or -\$72.5M in total. Table 1 provides changes in revenue requirements by utility.

This rate and bill impact analysis reflects changes in electric and gas utility rates and bills and does not account for the significant fuel neutral savings to customers consuming oil, propane, or other unregulated fuels.

Table 1. Long-term Revenue Requirement Changes due to 2021-2023 Plan, by Utility

Utility	Percent Change	Dollar Change (millions)
Eversource	-1.5%	-\$348.4
Liberty Electric	-1.7%	-\$50.1
Unitil Electric	-0.3%	-\$11.9
<b>Electric Total</b>	<b>-1.36%</b>	<b>-\$410.4</b>
Liberty Gas	-2.3%	-\$51.5
Unitil Gas	-2.2%	-\$21.0
<b>Gas Total</b>	<b>-2.27%</b>	<b>-\$72.5</b>

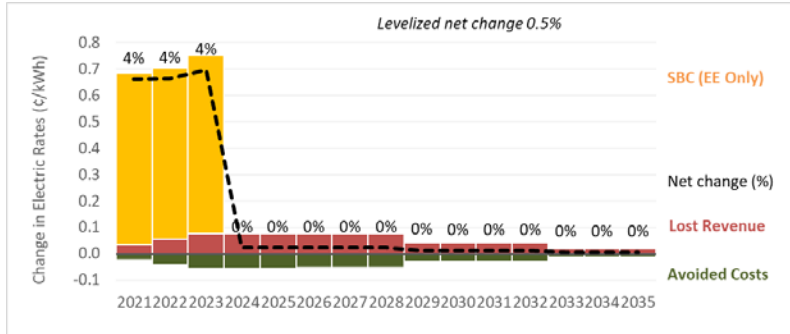
The graphs below show long-term bill and rate impacts over the life of the installed measures for each of four customer segments: residential, low-income, small C&I, and large C&I. Bill impacts are shown separately for the following types of customers:

- non-participant—customers who do not participate in any year of the term
- low savings participant—For Electric – an illustrative residential participant (e.g. a customer swapping out their lighting for LEDs) who saves 1% of usage, or C&I participant (e.g. a customer performing a few off-the shelf offerings) who saves 5% of usage during year 1 of the plan; For Gas, an illustrative low savings residential participant would save 1% of their usage, and a low savings C&I participant would save 5% of their usage.
- high savings participant— For Electric – an illustrative residential participant (e.g. a customer performing a comprehensive HPwES project including weatherization and HVAC) who saves 10% of usage, or C&I participant (e.g. a customer performing a comprehensive custom project) who saves 20% of usage during year 1 of the plan; For Gas, an illustrative high savings residential participant would save 7% of their usage, and a high savings C&I participant would save 10% of their usage.
- average customer—a hypothetical blend between non-participants and participants, calculated based on the segment’s program savings divided by the segment’s total customers.

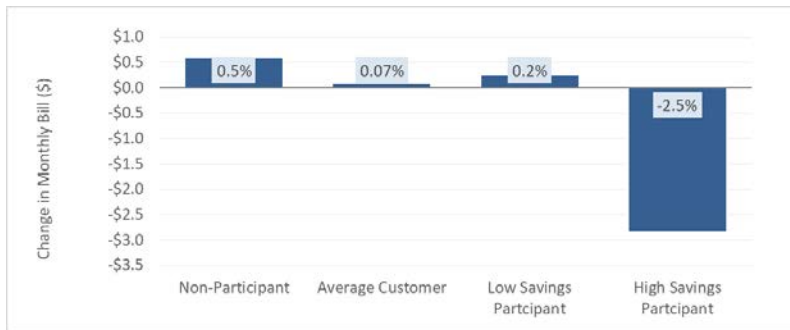


**Eversource Electric**

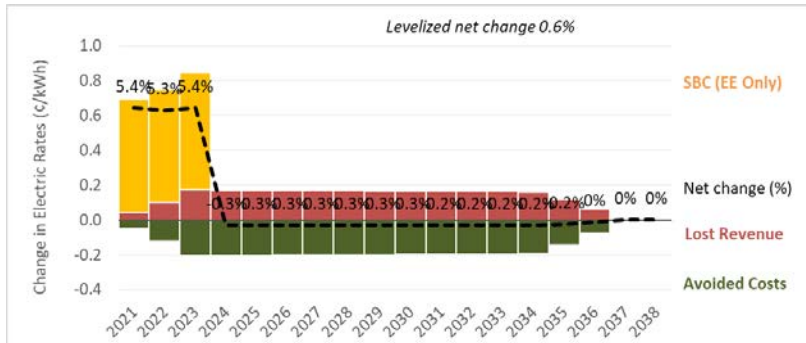
Residential, Change in Rates Over the Life of the Measures



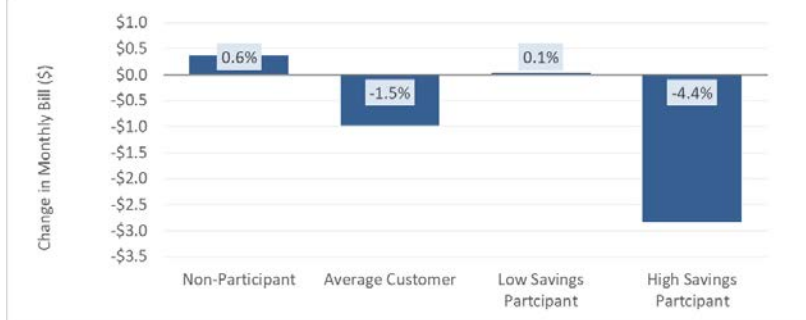
Residential, Long-Term Average Change in Bills Over the Life of the Measures



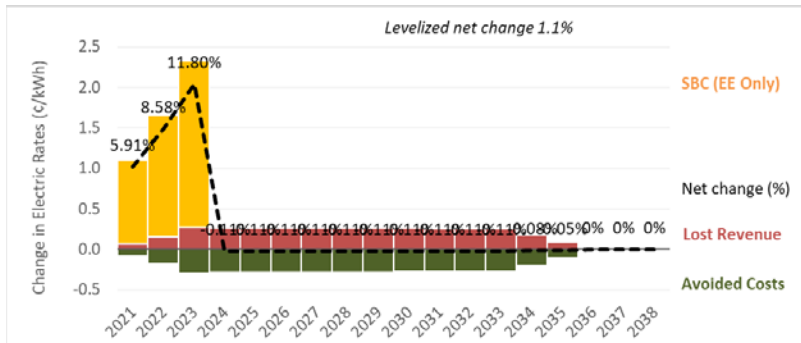
Low-Income, Change in Rates Over the Life of the Measures



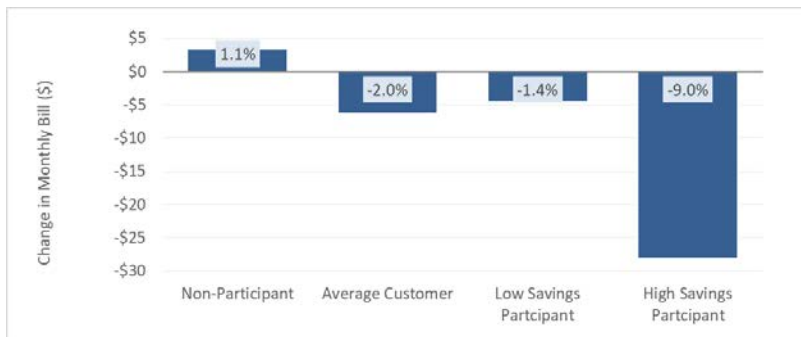
Low-Income, Long-Term Average Change in Bills Over the Life of the Measures



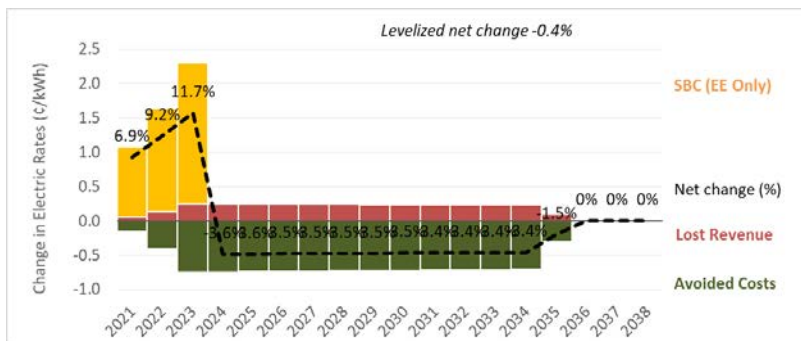
Small C&I, Change in Rates Over the Life of the Measures



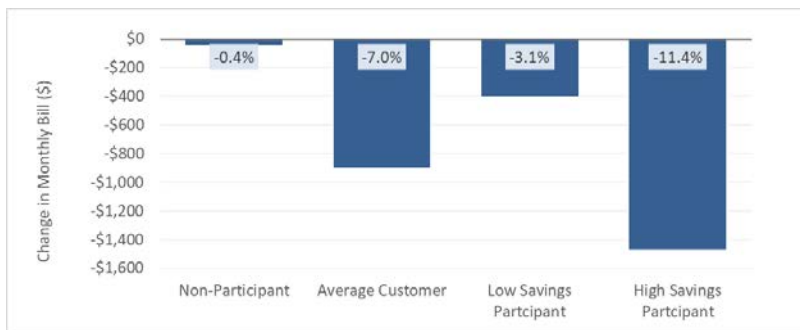
Small C&I, Long-Term Average Change in Bills Over the Life of the Measures



Large C&I, Change in Rates Over the Life of the Measures

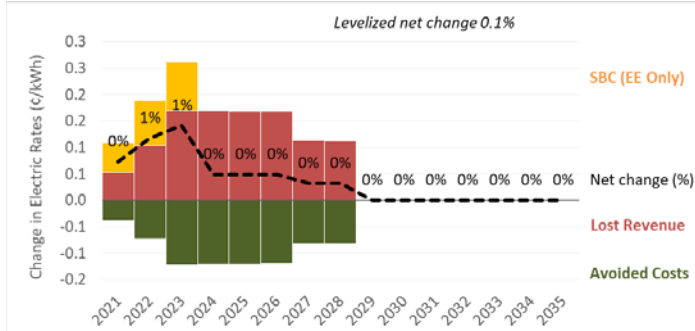


Large C&I, Long-Term Average Change in Bills Over the Life of the Measures

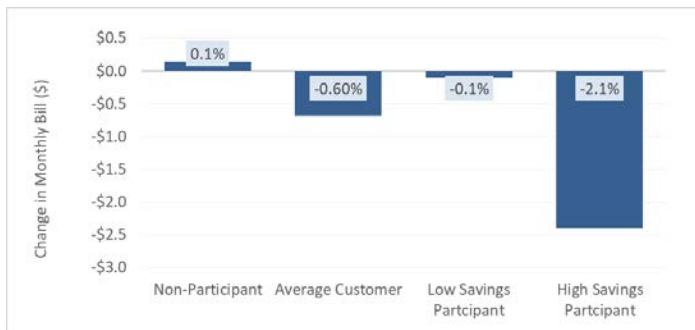


**Liberty Electric**

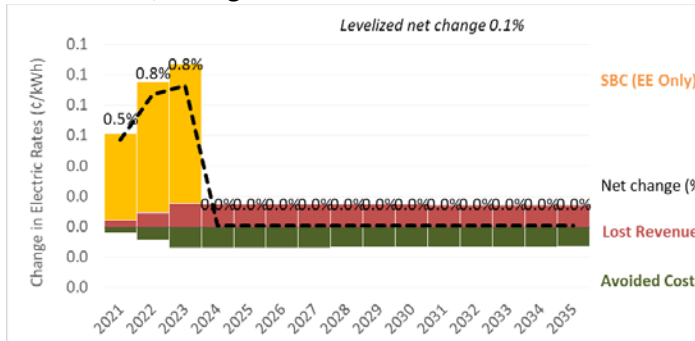
**Residential, Change in Rates Over the Life of the Measures**



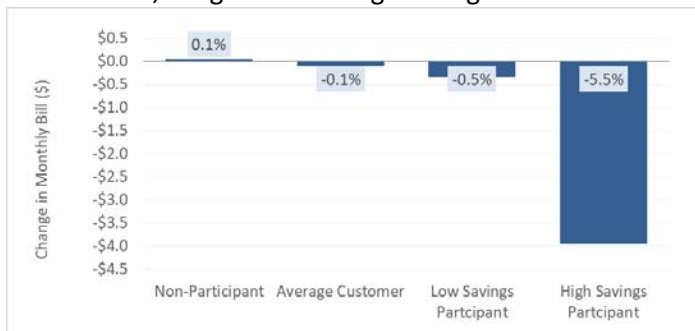
**Residential, Long-Term Average Change in Bills Over the Life of the Measures**



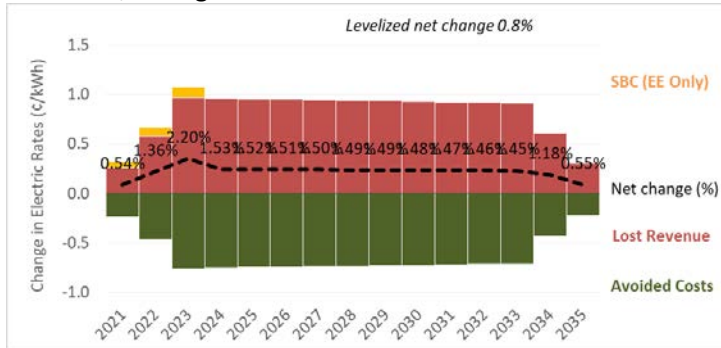
**Low-Income, Change in Rates Over the Life of the Measures**



**Low-Income, Long-Term Average Change in Bills Over the Life of the Measures**



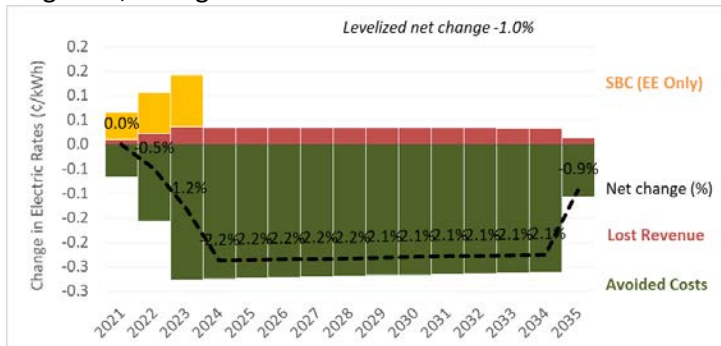
Small C&I, Change in Rates Over the Life of the Measures



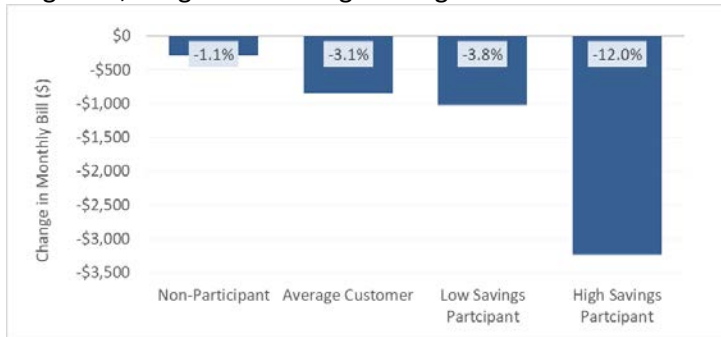
Small C&I, Long-Term Average Change in Bills Over the Life of the Measures



Large C&I, Change in Rates Over the Life of the Measures

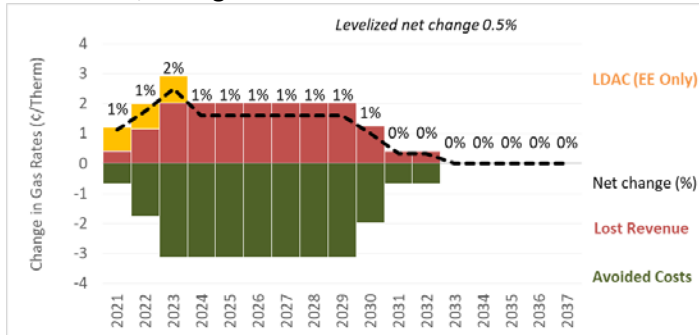


Large C&I, Long-Term Average Change in Bills Over the Life of the Measures

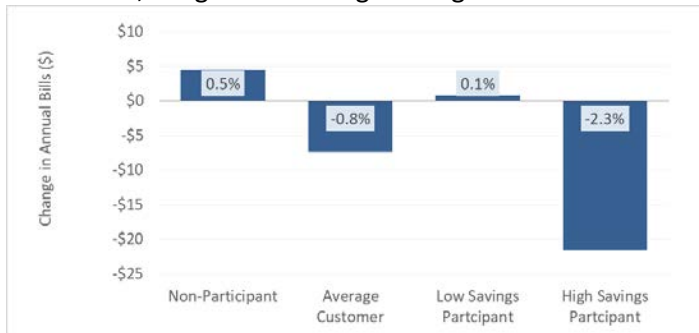


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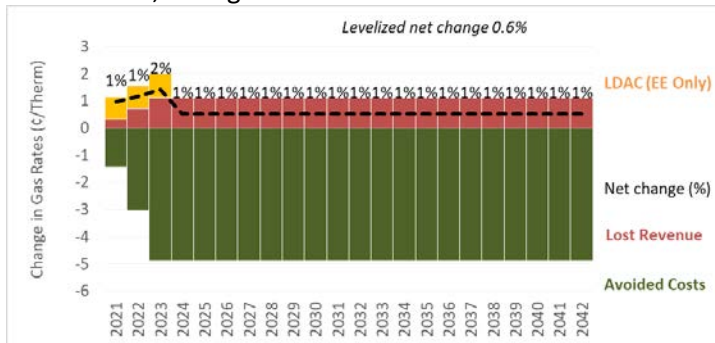
**Residential, Change in Rates Over the Life of the Measures**



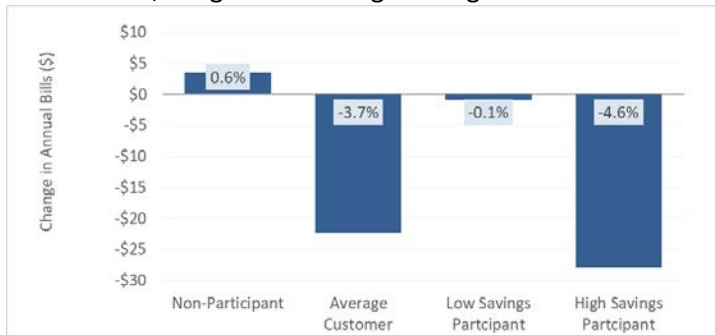
**Residential, Long-Term Average Change in Bills Over the Life of the Measures**



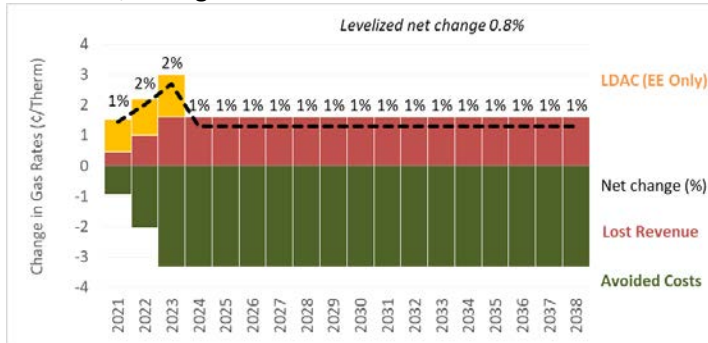
**Low-Income, Change in Rates Over the Life of the Measures**



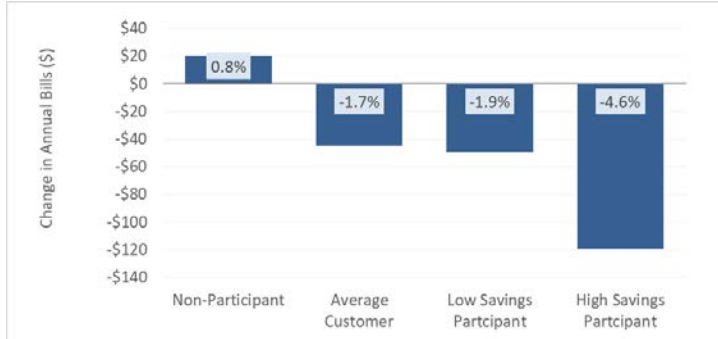
**Low-Income, Long-Term Average Change in Bills Over the Life of the Measures**



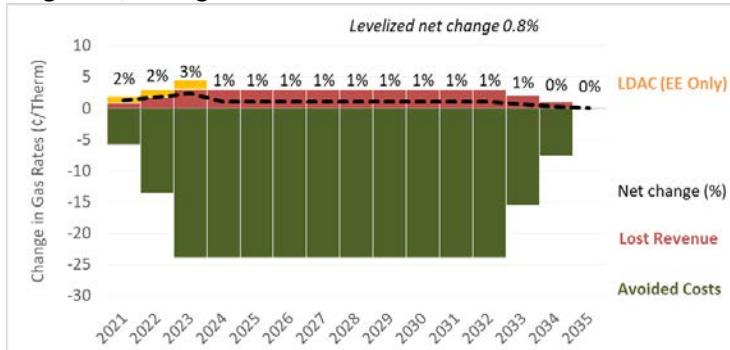
Small C&I, Change in Rates Over the Life of the Measures



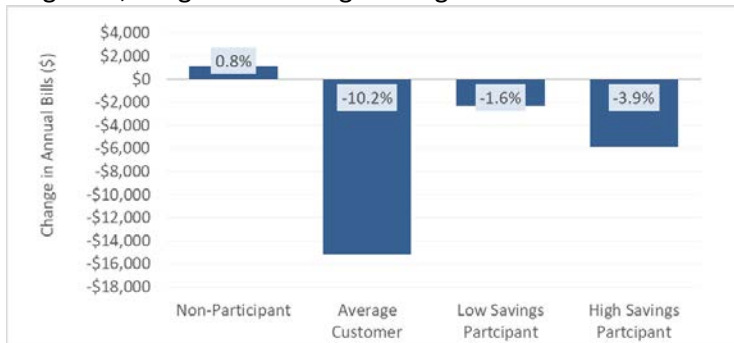
Small C&I, Long-Term Average Change in Bills Over the Life of the Measures



Large C&I, Change in Rates Over the Life of the Measures

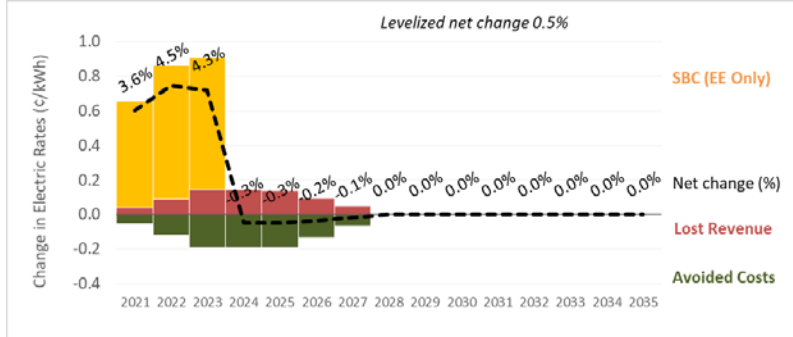


Large C&I, Long-Term Average Change in Bills Over the Life of the Measures



**Unitil Energy Systems, Inc.**

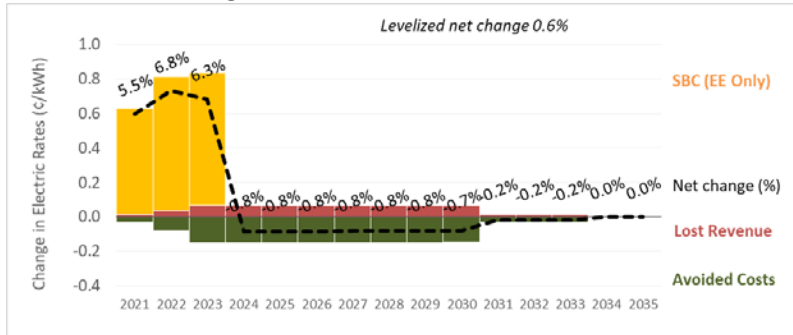
**Residential, Change in Rates Over the Life of the Measures**



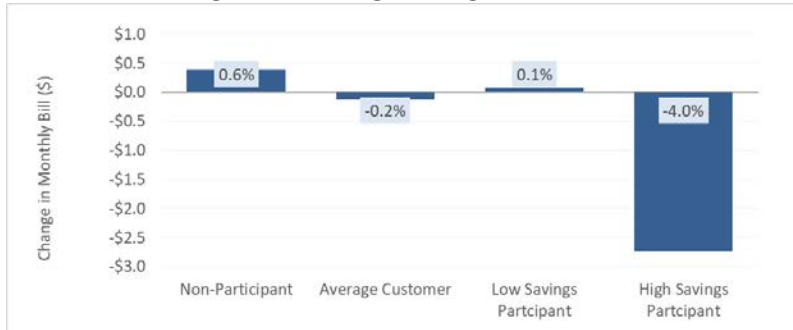
**Residential, Long-Term Average Change in Bills Over the Life of the Measures**



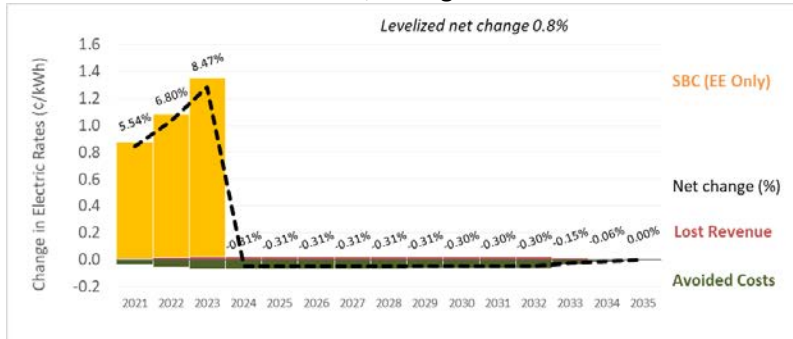
**Low Income, Change in Rates Over the Life of the Measures**



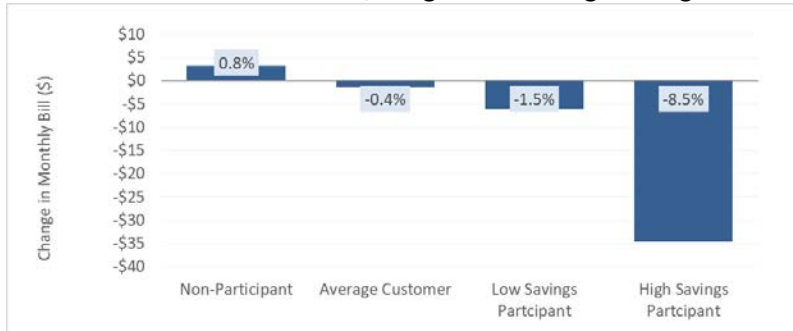
**Low-Income, Long-Term Average Change in Bills Over the Life of the Measures**



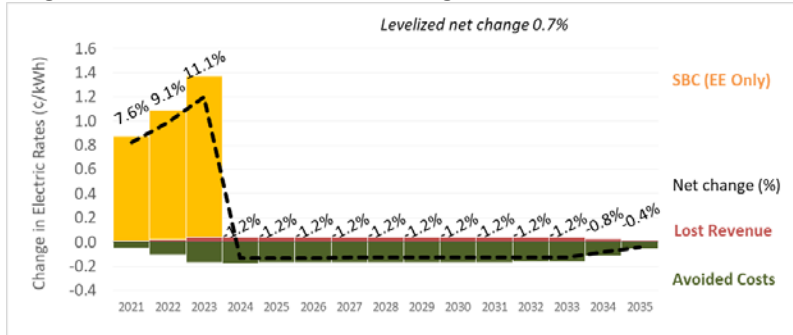
Small Commercial & Industrial, Change in Rates Over the Life of the Measures



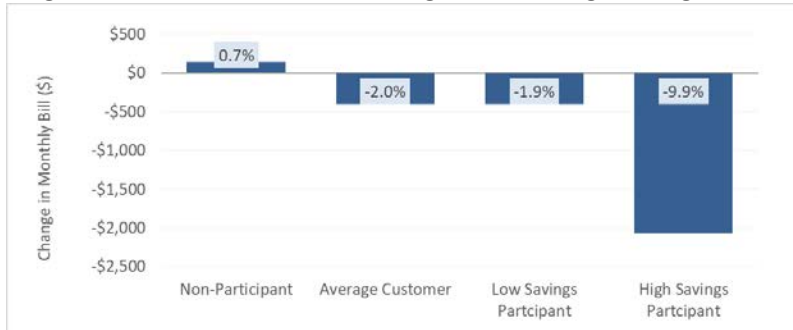
Small Commercial & Industrial, Long-Term Average Change in Bills Over the Life of the Measures



Large Commercial & Industrial, Change in Rates Over the Life of the Measures



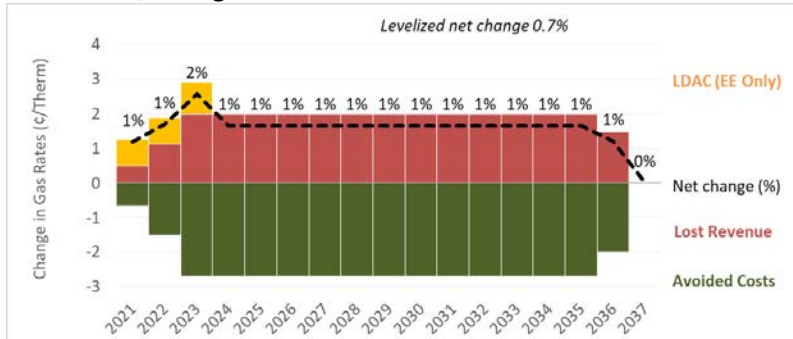
Large Commercial & Industrial, Long-Term Average Change in Bills Over the Life of the Measures



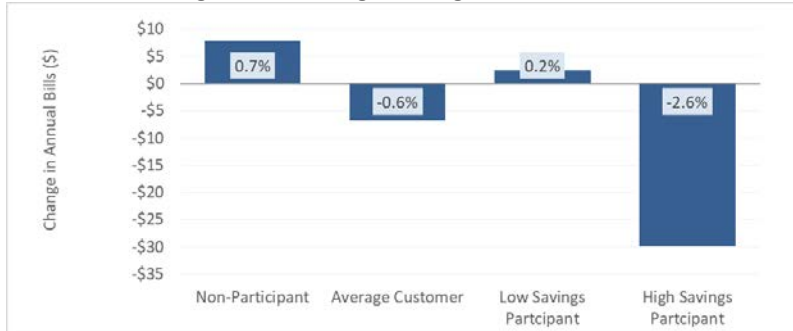


**Northern Utilities, Inc.**

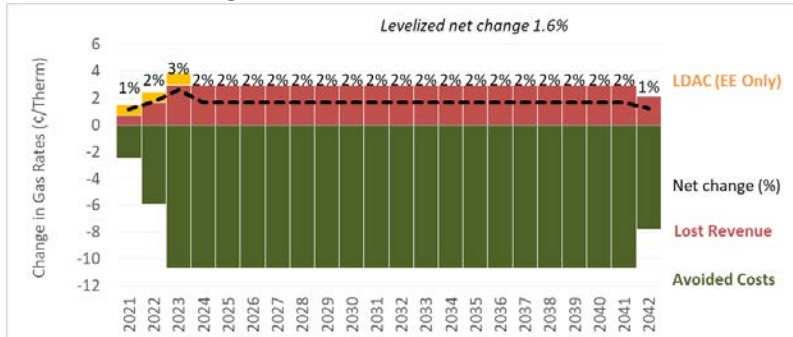
**Residential, Change in Rates Over the Life of the Measures**



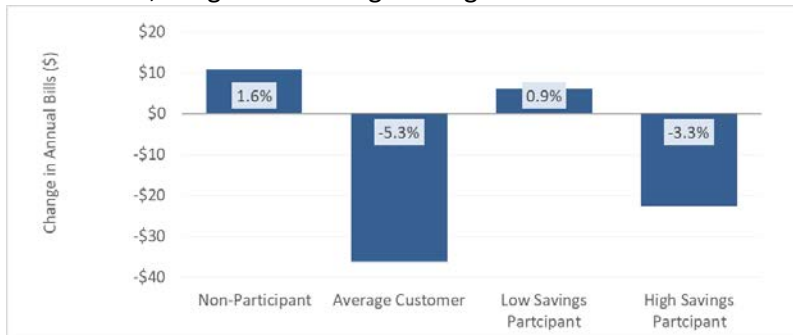
**Residential, Long-Term Average Change in Bills Over the Life of the Measures**



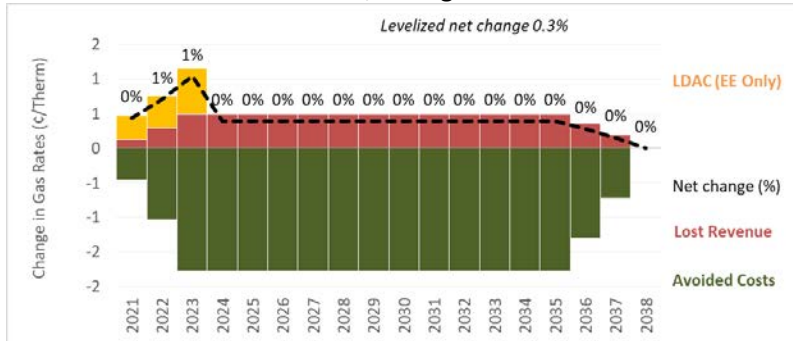
**Low Income, Change in Rates Over the Life of the Measures**



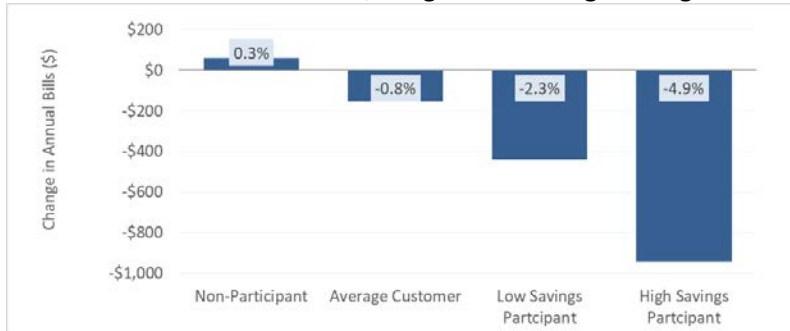
**Low Income, Long-Term Average Change in Bills Over the Life of the Measures**



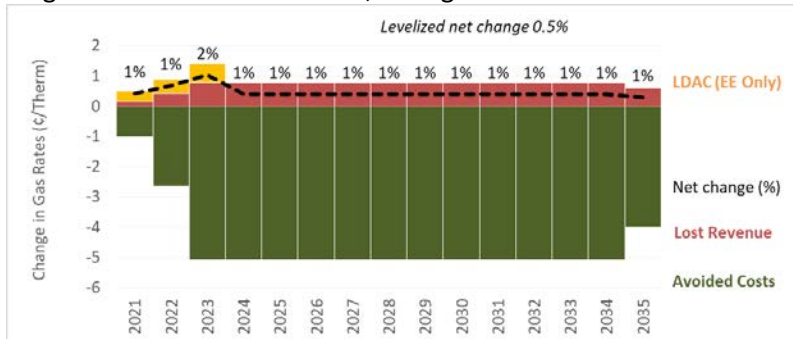
Small Commercial & Industrial, Change in Rates Over the Life of the Measures



Small Commercial & Industrial, Long-Term Average Change in Bills Over the Life of the Measures



Large Commercial & Industrial, Change in Rates Over the Life of the Measures



Large Commercial & Industrial, Long-Term Average Change in Bills Over the Life of the Measures

