

**Program Cost-Effectiveness - 2020 ACTUAL**

	Total Resource		Utility Costs (\$000)	Customer Costs (\$000)	Annual MWh Savings	Lifetime MWh Savings	Winter kW Savings	Summer kW Savings	Number of Customers Served	Annual MMBTU Savings	Lifetime MMBTU Savings
	Benefit / Cost Ratio	Benefit (\$000)									
<b>Residential Programs</b>											
Home Energy Assistance	0.95	7,523.4	7,908.1	-	1,587.9	15,066.6	153.6	170.8	861	13,021.2	281,442.3
Energy Star Homes	3.95	11,722.0	1,824.5	1,145.5	1,488.7	32,795.3	183.2	329.5	726	13,405.0	334,497.4
Home Performance with Energy Star	3.77	27,849.3	6,149.9	1,233.8	2,246.5	48,601.2	221.2	512.0	1,066	47,755.1	1,093,899.4
Energy Star Products	2.44	18,610.5	5,668.7	1,969.2	17,797.9	122,273.6	4,910.5	2,151.5	350,656	16,846.5	251,631.0
Home Energy Reports	-	-	4.5	-	-	-	-	-	-	-	-
Res Customer Engagement Platform	-	-	165.1	-	-	-	-	-	-	-	-
Res Demand Response	-	-	107.6	-	-	-	-	-	1,485	-	-
ISO-NE Forward Capacity Market Expenses	-	-	13.0	-	-	-	-	-	-	-	-
<b>Sub-Total Residential</b>	<b>2.51</b>	<b>65,705.2</b>	<b>21,841.3</b>	<b>4,348.6</b>	<b>23,121.0</b>	<b>218,736.7</b>	<b>5,468.4</b>	<b>3,163.8</b>	<b>354,794</b>	<b>91,027.7</b>	<b>1,961,470.0</b>
<b>Commercial, Industrial &amp; Municipal</b>											
Large Business Energy Solutions	2.21	44,151.4	11,024.8	8,973.6	35,360.7	474,263.5	4,261.4	4,233.8	423	-	-
Small Business Energy Solutions	2.41	36,582.3	9,505.3	5,689.0	29,282.7	383,398.3	3,205.6	3,781.4	1,107	-	-
Municipal Energy Solutions	1.19	4,557.7	1,497.3	2,324.1	2,851.6	36,085.8	384.9	403.9	123	3,539.1	53,086.2
C&I Customer Partnerships	-	-	1.9	-	-	-	-	-	-	-	-
Energy Rewards RFP Program	1.28	2,780.5	962.3	1,210.7	1,915.9	32,988.6	160.3	196.6	7	-	-
C&I Customer Engagement Platform	-	-	231.5	-	-	-	-	-	-	-	-
Education	-	-	209.4	-	-	-	-	-	-	-	-
CIM Demand Response	-	-	624.3	-	-	-	-	-	43	-	-
ISO-NE Forward Capacity Market Expenses	-	-	27.9	-	-	-	-	-	-	-	-
<b>Sub-Total Commercial &amp; Industrial</b>	<b>2.08</b>	<b>88,071.9</b>	<b>24,084.6</b>	<b>18,197.4</b>	<b>69,411.0</b>	<b>926,736.2</b>	<b>8,012.2</b>	<b>8,615.7</b>	<b>1,704</b>	<b>3,539.1</b>	<b>53,086.2</b>
Smart Start	-	-	36.0	-	-	-	-	-	-	-	-
<b>Total</b>	<b>2.24</b>	<b>153,777.1</b>	<b>45,961.9</b>	<b>22,546.0</b>	<b>92,531.916</b>	<b>1,145,472.9</b>	<b>13,480.6</b>	<b>11,779.5</b>	<b>356,497</b>	<b>94,566.8</b>	<b>2,014,556.2</b>

Note: a 10% NEI adder is applied to total benefits excluding water.

<b>Annual kWh Savings</b>	92,531,916	77.0%	<b>kWh &gt; 55%</b>	<b>Lifetime kWh Savings</b>	1,145,472,932	66.0%	<b>kWh &gt; 55%</b>
<b>Annual MMBTU Savings (in kWh)</b>	<u>27,714,788</u>	<u>23.0%</u>		<b>Lifetime MMBTU Savings (in kWh)</b>	<u>590,408,176</u>	<u>34.0%</u>	
	<b>120,246,704</b>	100.0%			<b>1,735,881,109</b>	100.0%	

Program Cost-Effectiveness - 2020 PLAN

	Total Resource Benefit / Cost Ratio	Benefit (\$000)	Utility Costs (\$000)	Customer Costs (\$000)	Annual MWh Savings	Lifetime MWh Savings	Winter kW Savings	Summer kW Savings	Number of Customers Served	Annual MMBTU Savings	Lifetime MMBTU Savings
<b>Residential Programs</b>											
Home Energy Assistance	1.66	13,457.1	8,110.1	-	1,102.6	14,764.9	112.4	151.1	1,088	26,820.9	557,763.7
Energy Star Homes	3.18	9,639.2	2,271.8	755.5	1,127.3	24,754.0	129.0	253.7	703	11,436.2	270,061.3
Home Performance with Energy Star	2.37	26,413.3	6,543.7	4,621.9	1,178.6	15,477.0	180.7	210.1	1,615	58,069.1	1,098,218.4
Energy Star Products	1.79	14,092.0	5,745.9	2,135.1	13,830.6	111,535.2	3,468.2	1,826.4	225,351	3,560.8	51,632.7
Home Energy Reports	-	-	-	-	-	-	-	-	-	-	-
Res Customer Engagement Platform	-	-	267.7	-	-	-	-	-	-	-	-
Res Demand Response	-	-	128.5	-	-	-	-	-	1,020	-	-
ISO-NE Forward Capacity Market Expenses	-	-	48.0	-	-	-	-	-	-	-	-
<b>Sub-Total Residential</b>	<b>2.08</b>	<b>63,601.6</b>	<b>23,115.7</b>	<b>7,512.5</b>	<b>17,239.2</b>	<b>166,531.0</b>	<b>3,890.4</b>	<b>2,441.3</b>	<b>229,777</b>	<b>99,887.1</b>	<b>1,977,676.1</b>
<b>Commercial, Industrial &amp; Municipal</b>											
Large Business Energy Solutions	2.11	71,321.1	13,583.8	20,145.5	59,273.6	790,775.3	7,905.6	6,375.4	1,263	-	-
Small Business Energy Solutions	1.65	25,255.9	6,678.4	8,591.4	20,790.4	273,487.1	2,341.8	2,414.3	1,189	-	-
Municipal Energy Solutions	1.17	4,488.4	1,448.0	2,379.8	3,364.1	47,452.7	608.7	156.2	55	3,422.6	51,338.5
C&I Customer Partnerships	-	-	23.1	-	-	-	-	-	-	-	-
Energy Rewards RFP Program	1.67	7,753.9	1,483.0	3,150.6	5,948.6	73,328.5	803.6	1,010.3	68	-	-
C&I Customer Engagement Platform	-	-	373.1	-	-	-	-	-	-	-	-
Education	-	-	290.5	-	-	-	-	-	-	-	-
CIM Demand Response	-	-	380.2	-	-	-	-	-	20	-	-
ISO-NE Forward Capacity Market Expenses	-	-	102.0	-	-	-	-	-	-	-	-
<b>Sub-Total Commercial &amp; Industrial</b>	<b>1.86</b>	<b>108,819.2</b>	<b>24,362.1</b>	<b>34,267.3</b>	<b>89,376.7</b>	<b>1,185,043.5</b>	<b>11,659.7</b>	<b>9,956.3</b>	<b>2,596</b>	<b>3,422.6</b>	<b>51,338.5</b>
Smart Start	-	-	30.0	-	-	-	-	-	-	-	-
<b>Total</b>	<b>1.93</b>	<b>172,420.8</b>	<b>47,507.8</b>	<b>41,779.8</b>	<b>106,615.9</b>	<b>1,351,574.6</b>	<b>15,550.1</b>	<b>12,397.7</b>	<b>232,373</b>	<b>103,309.6</b>	<b>2,029,014.6</b>

Note: a 10% NEI adder is applied to total benefits, and an additional 10% NEI adder is applied to total benefits of the Home Energy Assistance program, excluding water.  
 Note: The Large Business Demand Reduction Initiative will focus on enrolling 5 MW of Demand Reduction at ISO-NE peak periods.

Annual kWh Savings	106,615,917	77.9%	kWh > 55%	Lifetime kWh Savings	1,351,574,585	69.4%	kWh > 55%
Annual MMBTU Savings (in kWh)	<u>30,277,067</u>	<u>22.1%</u>		Lifetime MMBTU Savings (in kWh)	<u>594,645,499</u>	<u>30.6%</u>	
	<b>136,892,985</b>	100.0%			<b>1,946,220,083</b>	100.0%	





Portfolio Planned Versus Actual Performance - 2020										
Portfolio	Planned	Threshold	Actual	% of Plan	Design Coefficient	Actual Coefficient	Planned PI	125% of Planned PI	Actual PI	Source
1 Lifetime kWh Savings	1,351,574,585	1,013,680,939	1,145,472,932	85%	1.925%	1.631%	\$ 913,947	\$ 1,142,434	\$ 746,520	Planned and Actual
2 Annual kWh Savings	106,615,917	79,961,938	92,531,916	87%	0.550%	0.477%	\$ 261,128	\$ 326,410	\$ 218,423	Planned and Actual
3 Summer Peak Demand kW	12,398	8,058	11,780	95%	0.660%	0.627%	\$ 313,353	\$ 391,692	\$ 286,945	Planned and Actual
4 Winter Peak Demand kW	15,550	10,108	13,481	87%	0.440%	0.381%	\$ 208,902	\$ 261,128	\$ 174,541	Planned and Actual
5 Total Resource Benefits	\$ 153,867,005		\$ 137,231,141	89%						Planned and Actual
6 Total Utility Costs <sup>1,2,3</sup>	\$ 47,477,758		\$ 45,757,888	96%						Planned and Actual
7 Net Benefits	\$ 106,389,246	\$ 79,791,935	\$ 91,473,253	86%	1.925%	1.655%	\$ 913,947	\$ 1,142,434	\$ 757,344	Line 5 - Line 6
8 Total					5.500%	4.772%	\$ 2,611,277	\$ 3,264,096	\$ 2,183,772	

	Total Resource Cost Test		Source
	Planned	Actual	
9 Total Benefits (incl. NEIs)	\$ 172,420,800	\$ 153,777,058	Planned and Actual from Cost Eff Tab
10 Performance Incentive	\$ 2,611,277	\$ 2,183,772	from row 8 above
11 Participant Costs	\$ 41,779,802	\$ 22,545,984	Planned and Actual from Cost Eff Tab
12 Total Utility Costs	\$ 47,507,758	\$ 45,757,888	from row 6 above
13 Portfolio TRC BCR	1.88	2.18	row 9 divided by rows 10+11+12

All dollar values are expressed in 2020 dollars.

<sup>1</sup> Note that in order to avoid a circular reference in the calculation of performance incentive, "Total Utility Costs" does not include the value of PI.

<sup>2</sup> Net of Smart Start

<sup>3</sup> Amounts shown reflect adjustment to the Demand Response Pilot expenses issued in the Commission's Secretarial Letter issued in Docket No. DE 17-136 on June 11, 2021.

**2020 End of Year Reconciliation**

	<u>2020</u>
<b>Beginning Balance - Carryforward Over/(Under) Recovery</b>	<b>\$ 168,725</b>
<b>Funding</b>	
System Benefits Charge	39,947,717
RGI Funding	1,901,502
FCM Payments Net <sup>1</sup>	5,798,907
2019 Interest	376,702
<b>Total Program Funding</b>	<b><u>\$ 48,024,828</u></b>
<b>Expenses</b>	
Energy Efficiency Expenditures	45,960,928
Performance Incentive (2020 estimate in December)	2,355,684
Performance Incentive (2019 true-up, booked in 2020)	(171,583)
Performance Incentive (2020 true-up, booked in 2021)	(329)
Eversource Facilities Expenses <sup>2</sup>	-
Eversource Facilities Funds Set Aside <sup>3</sup>	-
<b>Total Program Expenses</b>	<b><u>\$ 48,144,700</u></b>
<b>Activity</b>	<b><u>\$ (119,872)</u></b>
<b>Ending Balance - Over/(Under) Recovery <sup>4</sup></b>	<b><u><u>\$ 48,853</u></u></b>

Notes

1. FCM Payments are net of expenses in compliance with the 2009 NHPUC Financial Audit
 

FCM Payments -	\$ 5,798,906.89
FCM Expenses -	<u>\$ 0.00</u>
FCM Net Amount	\$ 5,798,906.89
2. Reference RSA 125-O:5 2020 Compliance Report dated June 1, 2021  
 No additional funds were aside.
3. Reference RSA 125-O:5 Compliance Report dated June 1, 2020.
4. This amount does not reflect the 2020 underspend in the HEA program.

**Eversource**  
**2020 Reconciliation of General Ledger Transactions and Energy Efficiency Program Transactions**

Carry Forward General Ledger - 01/01/2019	\$ 441,786
Carry Forward General Ledger - 12/31/2019	185,008
2019 Net General Ledger Activity	<u><u>\$ (256,778)</u></u>

	General Ledger Transactions	Deduct 2019 Transactions Included in 2020 GL	Add 2020 Transactions Included in 2021 GL	2020 Program Year
<b>Beginning Balance - Carryforward Over/(Under) Recovery</b>				\$ 168,725
<b>Funding</b>				
SBC Funding	\$ 39,947,717	\$ -	\$ -	\$ 39,947,717
RGGI Funding <sup>1</sup>	1,901,502	-	-	1,901,502
FCM Payments - Net	5,798,907	-	-	5,798,907
Interest: GL Dec 2019-Nov 2020, EE YTD	411,708	58,685	23,679	376,702
<b>Total Funding</b>	<b>\$ 48,059,834</b>	<b>\$ 58,685</b>	<b>\$ 23,679</b>	<b>\$ 48,024,828</b>
<b>Expenses</b>				
Energy Efficiency Programs: Jan-Dec 2020	\$ 45,960,928	\$ -	\$ -	\$ 45,960,928
Eversource Facilities Expenses	-	-	-	-
Eversource Facilities Funds Set-Aside	-	-	-	-
2020 Performance Incentive	2,355,684	-	-	2,355,684
2019 Performance Incentive True-up booked in 2020	-	171,583	-	(171,583)
2020 Performance Incentive True-up booked in 2021	-	-	(329)	(329)
<b>Total Expenses</b>	<b>\$ 48,316,612</b>	<b>\$ 171,583</b>	<b>\$ (329)</b>	<b>\$ 48,144,700</b>
<b>Net: Funding less Expenses</b>	<b>\$ (256,778)</b>	<b>\$ (112,898)</b>	<b>\$ 24,008</b>	<b>\$ (119,872)</b>
<b>Ending Balance - Over/(Under) Recovery</b>				<u><u>\$48,853</u></u>

**Home Performance with ENERGY STAR  
 For NH Moderate Income Customers  
 2020 Performance Incentive Calculation**

**Energy Efficiency Fund RFP #18-005**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>Total</u>
Total Expenses	\$ -	\$ -	\$ -	\$ -
Percentage	5.5%	5.5%	5.5%	5.5%
<b>Total Performance Incentive</b>	\$ -	\$ -	\$ -	\$ -
			Total	\$ -

Note: Performance Incentive for RGGI Grant from RFP 18-005 is calculated as above, and will be booked in 2021.



PSNH d/b/a Eversource Energy  
 Monthly and Cumulative Savings and Lost Base Revenue  
 January 1, 2020 to December 31, 2020

Line	Description	Cumulative Annual kWh Savings / Monthly kW Savings	Cumulative Annual kWh Savings / Monthly kW Savings	Actual Jan 2020	Actual Feb 2020	Actual Mar 2020	Actual Apr 2020	Actual May 2020	Actual June 2020	Actual Jul 2020	Actual Aug 2020	Actual Sep 2020	Actual Oct 2020	Actual Nov 2020	Actual Dec 2020	2020 Annual kWh and Monthly kW Savings	Cumulative Annual kWh Savings / Monthly kW Savings
		12/31/2018	12/31/2019	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O	Col. P	Col. Q
1	Residential Annual kWh Savings (2018, 2019, & 2020)	8,046,870	18,187,591	1,700,761	951,631	1,472,506	1,196,825	1,592,138	1,232,304	2,590,347	2,673,156	2,136,876	2,205,310	3,214,011	2,155,087	23,120,951	48,938,042
2	C&I Annual kWh Savings (2018)	38,157,478	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38,157,478
3	C&I Annual kWh Savings (2019 & 2020)	-	70,845,870	2,053,337	1,128,151	6,651,867	1,761,477	1,722,259	2,953,156	2,184,677	1,370,130	4,734,729	4,644,326	5,882,717	34,324,139	69,410,965	140,256,835
4	C&I Monthly Installed kW Savings	-	10,647	279	233	876	368	315	480	349	318	681	902	1,092	4,983	10,875	21,523
<b>Total 2020</b>																	
5	Monthly Residential Savings (2020)	-	-	141,730	79,303	122,709	99,735	132,678	102,692	215,862	222,763	178,073	183,776	267,834	179,591	-	-
6	Monthly Retired Measures (2018)	-	-	-	3,351	-	-	-	-	4,624	6,174	8,323	889	11,420	-	-	
7	Cumulative Retired Savings	-	-	-	3,351	3,351	3,351	3,351	3,351	7,975	14,149	22,472	23,361	34,781	34,781	-	
8	Cumulative Residential Savings less Retirements	670,573	1,515,633	2,327,935	2,403,887	2,526,595	2,626,331	2,759,009	2,861,701	3,072,939	3,289,528	3,459,278	3,642,165	3,898,580	4,078,170	-	
9	Average Residential kWh Distribution Rate (\$/kWh)	-	-	0.04405	0.04405	0.04405	0.04405	0.04405	0.04405	0.04405	0.04405	0.04405	0.04405	0.04405	0.04405	-	
10	Total Lost Residential Revenue	-	-	\$ 102,536	\$ 105,881	\$ 111,286	\$ 115,679	\$ 121,523	\$ 126,046	\$ 135,350	\$ 144,890	\$ 152,367	\$ 160,422	\$ 171,716	\$ 179,626	\$ 1,627,322	
11	Monthly C&I Savings (2018)	3,179,790	-	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	-	
12	Average C&I kWh Distribution Rate (\$/kWh)	-	-	0.02798	0.02798	0.02798	0.02798	0.02798	0.02798	0.02798	0.02798	0.02798	0.02798	0.02798	0.02798	-	
13	Lost C&I kWh Revenue	-	-	\$ 88,963	\$ 88,963	\$ 88,963	\$ 88,963	\$ 88,963	\$ 88,963	\$ 88,963	\$ 88,963	\$ 88,963	\$ 88,963	\$ 88,963	\$ 88,963	\$ 1,067,560	
14	Monthly C&I Savings (2019 & 2020)	-	5,903,823	171,111	94,013	554,322	146,790	143,522	246,096	182,056	114,178	394,561	387,027	490,226	2,860,345	-	
15	Cumulative C&I Savings	-	5,903,823	6,074,934	6,168,946	6,723,269	6,870,058	7,013,580	7,259,676	7,441,733	7,555,910	7,950,471	8,337,498	8,827,725	11,688,070	-	
16	Average C&I kWh Distribution Rate (\$/kWh)	-	-	0.01132	0.01132	0.01132	0.01132	0.01132	0.01132	0.01132	0.01132	0.01132	0.01132	0.01132	0.01132	-	
17	Lost C&I kWh Revenue	-	-	\$ 68,796	\$ 69,860	\$ 76,138	\$ 77,800	\$ 79,425	\$ 82,212	\$ 84,274	\$ 85,567	\$ 90,035	\$ 94,418	\$ 99,969	\$ 132,361	\$ 1,040,855	
18	Monthly C&I kW Savings (2019)	-	10,647	279	233	876	368	315	480	349	318	681	902	1,092	4,983	-	
19	Cumulative Monthly C&I kW Savings	-	10,647	10,926	11,159	12,035	12,403	12,718	13,198	13,547	13,864	14,546	15,448	16,540	21,523	-	
20	Average C&I Demand Rate (\$/kW)	-	-	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	-	
21	Lost C&I Demand Revenue	-	-	\$ 69,392	\$ 70,869	\$ 76,434	\$ 78,774	\$ 80,773	\$ 83,819	\$ 86,037	\$ 88,054	\$ 92,380	\$ 98,110	\$ 105,045	\$ 136,692	\$ 1,066,379	
22	Total Lost C&I kWh and Demand Revenue	-	-	\$ 227,151	\$ 229,692	\$ 241,535	\$ 245,537	\$ 249,162	\$ 254,995	\$ 259,274	\$ 262,584	\$ 271,378	\$ 281,491	\$ 293,978	\$ 358,017	\$ 3,174,793	
23	<b>Total Lost Revenue</b>	-	-	<b>\$ 329,686</b>	<b>\$ 335,573</b>	<b>\$ 352,821</b>	<b>\$ 361,216</b>	<b>\$ 370,684</b>	<b>\$ 381,041</b>	<b>\$ 394,624</b>	<b>\$ 407,474</b>	<b>\$ 423,745</b>	<b>\$ 441,913</b>	<b>\$ 465,694</b>	<b>\$ 537,643</b>	<b>\$ 4,802,115</b>	

Lines 1-4: Company Actuals  
 Line 5: Line 1 / 12  
 Line 6: Company Actuals  
 Line 7: Prior Month Line 7 + Current Month Line 6  
 Line 8: Prior Month Line 8 + Current Month Line 5 - Current Month Line 6  
 Line 9: Page 11, Column 8  
 Line 10: Line 8 x Line 9  
 Line 11: Line 1, Column B / 12  
 Line 12: Page 11, Column 8  
 Line 13: Line 11 x Line 12  
 Line 14: Line 3 / 12  
 Line 15: Prior Month Line 15 + Current Month Line 14  
 Line 16: Page 11, Column 7  
 Line 17: Line 15 x Line 16  
 Line 18: Line 4  
 Line 19: Prior Month Line 19 + Current Month Line 18  
 Line 20: Page 11, Column 6  
 Line 21: Line 19 x Line 20  
 Line 22: Line 13 + Line 17 + Line 21  
 Line 23: Line 10 + Line 22

**PSNH d/b/a Eversource Energy**  
**Lost Base Revenue Reconciliation**  
**January 1, 2020 to December 31, 2020**  
**(\$ in 000's)**

Eversource Energy  
 NHPUC Docket No. DE 17-136  
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Line	Description	Actual Carryover 12/31/2019	Actual Jan 2020	Actual Feb 2020	Actual Mar 2020	Actual Apr 2020	Actual May 2020	Actual Jun 2020	Actual Jul 2020	Actual Aug 2020	Actual Sep 2020	Actual Oct 2020	Actual Nov 2020	Actual Dec 2020	2020 Total
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O
1	Revenue Recovery		449	425	388	384	366	391	485	494	433	382	373	426	4,994
2	Lost Revenues		330	336	353	361	371	381	395	407	424	442	466	538	4,802
3	Current Month (Over)/Under Recovery		(119)	(89)	(35)	(23)	5	(10)	(90)	(87)	(9)	60	93	112	(192)
4	Cumulative (Over)/Under Recovery	(1,369)	(1,488)	(1,577)	(1,612)	(1,635)	(1,630)	(1,640)	(1,730)	(1,817)	(1,826)	(1,766)	(1,673)	(1,561)	
5	Interest @ Prime Rate		0.3958%	0.3958%	0.3150%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	
6	Interest on Deferral Balance		(6)	(6)	(5)	(4)	(4)	(4)	(5)	(5)	(5)	(5)	(5)	(4)	(58)
7	Cumulative (Over)/Under Recovery Incl Carrying Charge		(1,494)	(1,589)	(1,629)	(1,656)	(1,656)	(1,670)	(1,765)	(1,856)	(1,871)	(1,815)	(1,727)	(1,619)	
8	Monthly Sales (MWh)		690,301	653,598	596,912	590,377	562,797	601,793	745,552	760,317	666,306	587,612	573,151	654,984	7,683,700
9	SBC Rate (LBR Component)		0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	

Line 1: (Line 8 x Line 9) / 100  
 Line 2: Page 9, Line 23 / 1000  
 Line 3: Line 2 - Line 1  
 Line 4: Prior month Line 4 + Current month Line 3  
 Line 5: Prime Rate / 12  
 Line 6: (Prior Month Line 4 + Current Month Line 4) / 2 x Line 5  
 Line 7: Line 4 + Line 6  
 Line 8: Company Actuals  
 Line 9: Approved Rates

Eversource  
 Calculation of Forecasted Average Distribution Rate for Lost Revenue  
 Based on Actual Billing Determinants and Distribution Rates\*

	(1)	(2)	(3) = (1) + (2)	(4)	(5)	(6) = (1) + (4)	(7) = (2) / (5)	(8) = (3) / (5)
	For the Period 01/01/20 Through 12/31/20							
Rate Class	Demand Charges	Revenue kWh Charges	Total Demand and kWh Charges	Delivery kW	Delivery kWh	Average Distribution Rate \$/kW	Average Distribution Rate \$/kWh <sup>(a)</sup>	Average Distribution Rate \$/kWh <sup>(b)</sup>
<b>Residential</b>	\$ -	\$ 148,514,958	\$ 148,514,958	\$ -	3,371,829,762	<b>N/A</b>	<b>N/A</b>	<b>\$ 0.04405</b>
General Service Rate G	\$ 34,283,319	\$ 32,998,536	\$ 67,281,855	3,608,906	1,592,500,575	\$ 9.14	\$ 0.02072	\$ 0.04225
Primary General Service Rate GV	\$ 23,114,893	\$ 9,908,012	\$ 33,022,905	3,923,136	1,540,776,281	\$ 2.53	\$ 0.00643	\$ 0.02143
Large General Service Rate LG	\$ 13,946,583	\$ 5,609,122	\$ 19,555,706	3,701,473	1,150,860,948	\$ 1.52	\$ 0.00487	\$ 0.01699
<b>Commercial and Industrial</b>	\$ 71,344,795	\$ 48,515,671	\$ 119,860,466	11,233,515	4,284,137,804	<b>\$ 6.35</b>	<b>\$ 0.01132</b>	<b>\$ 0.02798</b>

\* Excludes the outdoor lighting rates (Rate OL and Rate EOL), the Customer/Meter charge revenue from each rate, and the on/off peak kWh associated with Rate B >= 115 kV under Rate LG.

(a) For 2019 & 2020 C&I Savings

(b) For 2018 C&I Savings

**Eversource**  
**Calculation of Distribution Revenue at the Rate Levels in Effect January 2020 - December 2020**  
**Based on Billing Determinants for the Twelve Months Ending December 2020**

<b>Residential Rate R</b>				
<b>Rate</b>	<b>Source</b>	<b>January 1, 2020 - December 31, 2020</b>		
		<b>Units</b>	<b>Rate/Charge</b>	<b>Revenue</b>
<b>Standard</b>	Customer Charge	5,358,902	\$ 13.81	\$ 74,006,437
	All kWh	3,248,441,727	\$ 0.04508	\$ 146,439,753
<b>Uncontrolled Water Heating</b>	Customer Charge	490,573	\$ 4.87	\$ 2,389,091
	All kWh	90,537,574	\$ 0.02210	\$ 2,000,880
<b>Controlled Water Heating</b>	Customer Charge	2,753	\$ 8.58	\$ 23,621
	All kWh	483,331	\$ 0.00131	\$ 633.2
<b>LCS - Radio-controlled &amp; 8 Hour Switch</b>	Customer Charge	39,840	\$ 9.92	\$ 395,213
	All kWh	31,337,558	\$ 0.00131	\$ 41,052
<b>LCS - 8 Hour No Switch</b>	Customer Charge	1,134	\$ 8.58	\$ 9,730
	All kWh	321,286	\$ 0.00131	\$ 421
<b>LCS - 10,11 Hour Switch</b>	Customer Charge	48	\$ 9.92	\$ 476
	All kWh	8,805	\$ 0.02665	\$ 235
<b>LCS - 10,11 Hour No Switch</b>	Customer Charge	980	\$ 8.58	\$ 8,408
	All kWh	230,654	\$ 0.02665	\$ 6,147
<b>Time of Day</b>	Customer Charge	443	\$ 32.08	\$ 14,211
	On Peak kWh	175,053	\$ 0.14407	\$ 25,220
	Off Peak kWh	293,775	\$ 0.00210	\$ 617
<b>Total Residential</b>	Customer/Meter	5,894,673		\$ 76,847,186
	Demand	-		-
	kWh	3,371,829,762		\$ 148,514,958
				\$ 225,362,144

<b>General Service Rate G</b>				
<b>Rate</b>	<b>Source</b>	<b>January 1, 2020 - December 31, 2020</b>		
		<b>Units</b>	<b>Rate/Charge</b>	<b>Revenue</b>
<b>Standard</b>	Single Phase Customer Charge	681,629	\$ 16.21	\$ 11,049,206
	Three Phase Customer Charge	242,649	\$ 32.39	\$ 7,859,401
	Demand Charge > 5 kW	3,599,602	\$ 9.49	\$ 34,160,226
	First 500 kWh Charge	271,171,056	\$ 0.07604	\$ 20,619,847
	Next 1,000 kWh Charge	278,844,431	\$ 0.01884	\$ 5,253,429
	All Additional kWh Charge	1,030,958,898	\$ 0.00666	\$ 6,866,186
<b>Time of Day</b>	Single Phase Customer Charge	193	\$ 41.98	\$ 8,102
	Three Phase Customer Charge	245	\$ 60.00	\$ 14,700
	Demand Charge	9,304	\$ 13.23	\$ 123,093
	On peak kWh	285,010	\$ 0.05335	\$ 15,205
	Off peak kWh	452,271	\$ 0.00836	\$ 3,781
<b>Space Heating</b>	Meter Charge	4,770	\$ 3.24	\$ 15,455
	All kWh	4,424,772	\$ 0.03729	\$ 165,000
<b>Uncontrolled Water Heating</b>	Customer Charge	14,409	\$ 4.87	\$ 70,172
	All kWh	3,176,642	\$ 0.02210	\$ 70,204
<b>LCS - Radio-controlled &amp; 8 Hour Switch</b>	Customer Charge	1,759	\$ 9.92	\$ 17,449
	All kWh	3,114,163	\$ 0.00131	\$ 4,080
<b>LCS - 8 Hour No Switch</b>	Customer Charge	47	\$ 8.58	\$ 403
	All kWh	45,372	\$ 0.00131	\$ 59
<b>LCS - 10,11 Hour No Switch</b>	Customer Charge	12	\$ 8.58	\$ 103
	All kWh	27,960	\$ 0.02665	\$ 745
<b>Total General Service</b>	Customer/Meter	945,713		\$ 19,034,991
	Demand	3,608,906		\$ 34,283,319
	kWh	1,592,500,575		\$ 32,998,536
				\$ 86,316,847

Primary General Service Rate GV				
Rate	Source	January 1, 2020 - December 31, 2020		
		Units	Rate/Charge	Revenue
<b>Standard</b>	Customer Charge	16,536	\$ 211.21	\$ 3,492,569
	Minimum Charge	-	\$ 972.00	\$ -
	First 100 kW Demand Charge	1,392,942	\$ 6.07	\$ 8,455,158
	All Additional kW Demand Charge	2,486,439	\$ 5.81	\$ 14,446,211
	First 200,000 kWh	1,291,890,884	\$ 0.00660	\$ 8,526,480
	All Additional kWh	246,331,457	\$ 0.00554	\$ 1,364,676
<b>Rate B &lt; 115 KV</b>	Administrative Charge	126	\$ 372.10	\$ 46,885
	Translation Charge	-	\$ 62.42	\$ -
	Demand Charge	43,755	\$ 4.88	\$ 213,524
	First 200,000 kWh	2,553,940	\$ 0.00660	\$ 16,856
	All Additional kWh	-	\$ 0.00554	\$ -
<b>Total GV</b>	Customer/Meter	16,662		\$ 3,539,453
	Demand	3,923,136		\$ 23,114,893
	kWh	1,540,776,281		\$ 9,908,012
				<u>\$ 36,562,358</u>

Large General Service Rate LG				
Rate	Source	January 1, 2020 - December 31, 2020		
		Units	Rate/Charge	Revenue
<b>Standard</b>	Customer Charge	1,261	\$ 660.15	\$ 832,449
	Demand Charge	2,461,833	\$ 5.17	\$ 12,727,677
	On peak kWh	469,857,111	\$ 0.00553	\$ 2,598,310
	Off Peak kWh	616,042,707	\$ 0.00467	\$ 2,876,919
<b>Rate B &lt; 115 KV</b>	Administrative Charge	109	\$ 372.10	\$ 40,559
	Translation Charge	-	\$ 62.42	\$ -
	Demand charge	249,776	\$ 4.88	\$ 1,218,907
	On peak kWh	9,617,312	\$ 0.00553	\$ 53,184
	Off Peak kWh	17,282,504	\$ 0.00467	\$ 80,709
<b>Rate B &gt;= 115 KV</b>	Administrative Charge	60	\$ 372.10	\$ 22,326
	Translation Charge	-	\$ 62.42	\$ -
	Demand charge	989,864	\$ -	\$ -
	On peak kWh	11,871,312	\$ -	\$ -
	Off Peak kWh	26,190,002	\$ -	\$ -
<b>Total LG</b>	Customer/Meter	1,430		\$ 895,334
	Demand	3,701,473		\$ 13,946,583
	kWh	1,150,860,948		\$ 5,609,122
				<u>\$ 20,451,040</u>

Outdoor Lighting Rate OL				
Type	Fixture	January 1, 2020 - December 31, 2020		
		Units	Rate/Charge	Revenue
High Pressure Sodium	4,000 Lumens	42,420	\$ 17.23	\$ 730,897
	5,800 Lumens	7,172	\$ 17.23	\$ 123,574
	9,500 Lumens	11,029	\$ 22.91	\$ 252,674
	16,000 Lumens	9,905	\$ 32.41	\$ 321,021
	30,000 Lumens	15,404	\$ 33.21	\$ 511,567
	50,000 Lumens	22,868	\$ 33.58	\$ 767,907
	130,000 Lumens	4,496	\$ 53.89	\$ 242,289
	12,000 Lumens	97	\$ 23.70	\$ 2,299
Mercury	34,200 Lumens	60	\$ 30.34	\$ 1,820
	3,500 Lumens	55,621	\$ 15.20	\$ 845,439
	7,000 Lumens	10,932	\$ 18.29	\$ 199,946
	11,000 Lumens	694	\$ 22.61	\$ 15,691
	15,000 Lumens	36	\$ 25.86	\$ 931
	20,000 Lumens	4,762	\$ 27.92	\$ 132,955
Metal Halide	56,000 Lumens	1,639	\$ 44.38	\$ 72,739
	5,000 Lumens	2,703	\$ 17.97	\$ 48,573
	8,000 Lumens	1,507	\$ 24.60	\$ 37,072
	13,000 Lumens	37	\$ 33.76	\$ 1,249
	13,500 Lumens	1,509	\$ 34.47	\$ 52,015
	20,000 Lumens	3,434	\$ 34.47	\$ 118,370
	36,000 Lumens	5,210	\$ 34.79	\$ 181,256
	100,000 Lumens	2,881	\$ 52.15	\$ 150,244
Incandescent	600 Lumens	816	\$ 9.93	\$ 8,103
	1,000 Lumens	2,369	\$ 11.08	\$ 26,249
	2,500 Lumens	7	\$ 14.22	\$ 100
Fluorescent	20,000 Lumens	24	\$ 37.87	\$ 909
<b>Total Rate OL</b>	Fixtures	207,632		\$ 4,845,890
	Demand	-		
	kWh	16,649,257		
				<u>\$ 4,845,890</u>

Outdoor Lighting Rate EOL					
Type	Fixture	January 1, 2020 - December 31, 2020			
		Units	Rate/Charge	Revenue	
High Pressure Sodium	4,000 Lumens	44,566	\$ 9.17	\$ 408,670	
	5,800 Lumens	2,196	\$ 9.17	\$ 20,137	
	9,500 Lumens	4,391	\$ 11.28	\$ 49,530	
	16,000 Lumens	6,136	\$ 12.40	\$ 76,086	
	30,000 Lumens	19,888	\$ 12.40	\$ 246,611	
	50,000 Lumens	1,553	\$ 12.80	\$ 19,878	
	130,000 Lumens	660	\$ 24.30	\$ 16,038	
	5,000 Lumens	7,160	\$ 9.52	\$ 68,163	
Metal Halide	8,000 Lumens	750	\$ 12.59	\$ 9,443	
	13,000 Lumens	-	\$ 13.44	\$ -	
	13,500 Lumens	959	\$ 14.15	\$ 13,570	
	20,000 Lumens	723	\$ 14.39	\$ 10,404	
	36,000 Lumens	432	\$ 14.79	\$ 6,389	
	100,000 Lumens	1,236	\$ 26.35	\$ 32,569	
	LED's	Per Fixture	397,076	\$ 3.67	\$ 1,457,269
		Per Watt	15,917,173	\$ 0.0558	\$ 888,178
Maintenance credit (contract)		9	\$ (1.90)	\$ (17)	
<b>Total Rate EOL</b>	Fixtures	487,726		\$ 3,322,919	
	Demand	-		\$ -	
	kWh	11,080,317		\$ -	
				<u>\$ 3,322,919</u>	

<b>Total Retail</b>			
<b>Type</b>	<b>Source</b>	<b>January 1, 2020 - December 31, 2020</b>	
		<b>Units</b>	<b>Revenue</b>
<b>Total Retail</b>	Customer/Meter	6,858,478	\$ 100,316,965
	Fixtures	695,358	\$ 8,168,809
	Demand	11,233,515	\$ 71,344,795
	kWh	7,683,697,140	\$ 197,030,629
			<u>\$ 376,861,198</u>

<b>Lost Base Revenue</b>			
<b>Summary of Data Included in the Calculation of the Average Distribution Rates*</b>			
<b>Type</b>	<b>Source</b>	<b>January 1, 2020 - December 31, 2020</b>	
		<b>Units</b>	<b>Revenue</b>
<b>Total Residential</b>	Demand	-	\$ -
	kWh	3,371,829,762	\$ 148,514,958
			<u>\$ 148,514,958</u>
<b>Total General Service</b>	Demand	3,608,906	\$ 34,283,319
	kWh	1,592,500,575	\$ 32,998,536
			<u>\$ 67,281,855</u>
<b>Total GV</b>	Demand	3,923,136	\$ 23,114,893
	kWh	1,540,776,281	\$ 9,908,012
			<u>\$ 33,022,905</u>
<b>Total LG</b>	Demand	2,711,609	\$ 13,946,583
	kWh	1,112,799,634	\$ 5,609,122
			<u>\$ 19,555,706</u>
<b>Total</b>	Demand	10,243,651	\$ 71,344,795
	kWh	7,617,906,252	\$ 197,030,629
			<u>\$ 268,375,424</u>

\* The Lost Base Revenue calculation excludes the outdoor lighting rates (Rate OL and Rate EOL), the Customer/Meter charge revenue from each rate, and the on/off peak kWh associated with Rate B >= 115 kV under Rate LG.

**Actual C&I kW Savings - New Component for Year 2020**

Line No.	Description	<u>Eversource</u>
1	Gross Annualized kWh Savings	69,410,965
2	Maximum Demand Factor (MDF)	<u>Varies based on measure mix</u>
3	Extended Max. Load Reduction kW	16,054.8
4	% kW Demand Reduction at Customer Peak	<u>Varies based on measure mix</u>
5	Sub-Total Customer Peak kW Reduction	11,333.8
6	% Net to Gross	<u>100.00%</u>
7	Sub-Total Customer Peak kW Reduction	11,333.8
8	% In-Service Rate	<u>100.00%</u>
9	Sub-Total Customer Peak kW Reduction	11,333.8
10	% kW Realization Rate	<u>Varies based on measure mix</u>
11	Sub-Total Customer Peak kW Reduction	10,875.4
12	% Billing Adjustment to Reflect Ratchets (1)	<u>100.00%</u>
13	Sub-Total Customer Peak kW Reduction	10,875.4
14	% Retirement Adjustment	<u>100.00%</u>
15	Total Customer Peak kW Reduction, Full Year	10,875.4
16	% Annual Savings Achieved in First Year	<u>30.76%</u>
17	Total Customer Peak Red. in First Year	40,137.7
18	Annualized (x12)	130,505.1
19	Average Distribution Rate (ADR)	<u>\$ 6.35</u>
20	Total C&I kW LBR	<u><u>\$ 254,917</u></u>

**Comments:**

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



Actual Calculation for LBR New Methodology for Year 2020

Description	Residential kWh	Commercial kWh	C&I kW	Total	Ref.
<b>Legacy (Measures Installed in 2018): (1)</b>					
1 Program Year 2018 Actual LBR Savings as of 1/1/2020	8,046,870	38,157,478	-	46,204,349	Company Records
2 Program Year 2018 Retirements as of 12/31/2020 (annualized)	417,371	-	-	417,371	Company Records
3 Program Year 2018 Actual LBR Savings as of 12/31/2020	7,629,499	38,157,478	-	45,786,978	Line 1 - Line 2
4 2020 Average Distribution Rate (ADR)	\$ 0.04405	\$ 0.02798	\$ -		DE 17-136, June 1, 2021 filing P.11 of 15
5 Sub-Total LBR	\$ 347,636	\$ 1,067,560	\$ -	\$ 1,415,195	Company Records
<b>New Methodology (Measures Installed in 2019 and forward): (3)</b>					
6 Program Year 2019 Actual LBR Savings as of 1/1/2020 (2)	18,187,591	70,845,870	127,768	89,033,462	Company Records
7 Program Year 2019 Retirements (annualized) as of 12/31/2020 (2)	-	-	-	-	Company Records
8 Program Year 2019 Actual LBR Savings as of 12/31/2020 (2)	18,187,591	70,845,870	127,768	89,033,462	Line 6 - Line 7
9 2020 Average Distribution Rate (ADR)	\$ 0.04405	\$ 0.01132	\$ 6.35		DE 17-136, June 1, 2021 filing P.11 of 15
10 Sub-Total LBR	\$ 801,087	\$ 802,293	\$ 811,462	\$ 2,414,842	Company Records
11 Program Year 2020 LBR Savings achieved (annualized)	23,120,951	69,410,965	130,505	92,531,916	Company Records
12 Program Year 2020 LBR Savings achieved in 2020	10,865,932	21,066,001	40,138	31,931,933	Company Records
13 2020 Average Distribution Rate (ADR)	\$ 0.04405	\$ 0.01132	\$ 6.35		DE 17-136, June 1, 2021 filing P.11 of 15
14 Sub-Total LBR	\$ 478,599	\$ 238,562	\$ 254,917	\$ 972,077	Company Records
15 <b>Total LBR - Year 2020</b>	\$ 1,627,322	\$ 2,108,415	\$ 1,066,379	\$ 4,802,115	Line 5 + Line 10 + Line 14

\*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 2018.
- 2 Actual LBR Savings differs from program savings since 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).
- 4 12/31/19 Carryforwards include all retirements and rate case reset of LBR