

Public Service of New Hampshire d/b/a Eversource Energy
Docket No. DE 20-092

Date Request Received: 10/22/2020

Date of Response: 10/28/2020

Request No. TS 1-005

Page 1 of 1

Request from: New Hampshire Public Utilities Commission Staff

Witness:

Request:

Please refer to the response to Staff 2-005. For each utility, please provide a calculation of HEA funding by sector using (1) allocation based on sector budgets and (2) allocation based on sector sales.

Response:

Please see Excel Attachments TS 1-005 A-D for a comparison of the 20% HEA funding using the sector budget allocation and sales allocation methodology.

Attachment TS 1-005 A: Eversource

Attachment TS 1-005 B: Liberty

Attachment TS 1-005 C: Unitil

Attachment TS 1-005 D: NHEC

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		20% HEA Funding Split Based on Sector Funding Allocation * As filed on September 1			20% HEA Funding Split Based on Sales Allocation ** Back-up in this workbook		
Year	Customer Sector	Contribution To HEA Budget	EE Total Funding	SBC Rate EE Portion (cents/kWh)	Contribution to HEA Budget	EE Total Funding	SBC Rate EE Portion (cents/kWh)
2021	Residential	\$ 4,286	\$ 22,609	0.651	\$ 5,813	\$ 24,219	0.701
2021	C&I	\$ 9,809	\$ 51,744	1.029	\$ 8,282	\$ 50,133	0.993
2021	Total	\$ 14,095	\$ 74,353	0.873	\$ 14,095	\$ 74,353	0.873
2022	Residential	\$ 4,249	\$ 22,416	0.646	\$ 7,442	\$ 25,784	0.752
2022	C&I	\$ 13,643	\$ 71,966	1.498	\$ 10,450	\$ 68,598	1.422
2022	Total	\$ 17,892	\$ 94,382	1.143	\$ 17,892	\$ 94,382	1.143
2023	Residential	\$ 4,414	\$ 23,282	0.673	\$ 9,503	\$ 28,651	0.839
2023	C&I	\$ 18,100	\$ 95,477	2.062	\$ 13,010	\$ 90,107	1.940
2023	Total	\$ 22,513	\$ 118,759	1.476	\$ 22,513	\$ 118,759	1.476
2021 to 2023	Residential	\$ 12,949	\$ 68,306		\$ 22,758	\$ 78,655	
2021 to 2023	C&I	\$ 41,552	\$ 219,187		\$ 31,742	\$ 208,839	
2021 to 2023	Total	\$ 54,501	\$ 287,493		\$ 54,500	\$ 287,493	

New Hampshire Statewide Energy Efficiency Plan
2021-2023
Target Savings and Budget
HEA Split based on Sales

2021 PROGRAM YEAR																			
	2021 Savings (MWH)	2021 Savings (kW)	Forecast Sales (%)	INPUT			HEA			HEA			INPUT			INPUT			
				Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	HEA (No PI)	HEA Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	HEA Carryforward	FCM Revenue	Smart Start Expense	Funds Needed	Forecasted Sales (MWH)
Eversource	18,910.761		41.2%	\$17,144,051.73	\$ 942,922.85	\$ 18,086,974.58	\$ 5,812,666.43	\$ 319,696.65	\$ 6,132,363.09	\$ 22,956,718.16	\$ 1,262,619.50	\$ 24,219,337.66	\$ 377,340.99	\$ -	\$ -	\$ 1,557,888.63	\$ 22,284,108.04	3,177,552.00	\$ 0.00701
Residential	91,761.370	10,637.510	58.8%	\$39,238,557.61	\$2,156,470.67	\$ 41,395,028.27	\$ 8,282,594.91	\$ 455,542.72	\$ 8,738,137.63	\$ 47,521,152.51	\$ 2,612,013.39	\$ 50,133,165.90	\$ 1,531,542.48	\$ -	\$ -	\$ 3,635,073.46	\$ 30,000.00	44,966,549.95	\$ 0.00993
Commercial				\$56,382,609.34	\$3,099,393.51	\$ 59,482,002.85	\$ 14,095,261.34	\$ 775,239.37	\$ 14,870,500.71	\$ 70,477,870.67	\$ 3,874,632.89	\$ 74,352,503.56	\$ 1,908,883.48	\$ -	\$ -	\$ 5,192,962.09	\$ 30,000.00	67,250,658.00	\$ 0.00873

2022 PROGRAM YEAR																			
	2022 Savings (MWH)	2022 Savings (kW)	Forecast Sales (%)	INPUT			HEA			HEA			INPUT			INPUT			
				Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	HEA (No PI)	HEA Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	HEA Carryforward	FCM Revenue	Smart Start Expense	Funds Needed	Forecasted Sales (MWH)
Eversource	14,193.803		41.6%	\$16,397,760.17	\$ 934,976.81	\$ 17,332,736.97	\$ 7,441,865.43	\$ 409,302.60	\$ 7,851,168.03	\$ 24,439,625.69	\$ 1,344,179.41	\$ 25,783,805.00	\$ 362,534.64	\$ -	\$ -	\$ 1,433,201.26	\$ 23,988,069.09	3,190,363.00	\$ 0.00752
Residential	116,764.842	12,958.070	58.4%	\$54,573,294.38	\$2,999,851.19	\$ 57,573,175.58	\$ 10,450,507.21	\$ 574,777.90	\$ 11,025,285.11	\$ 65,023,801.60	\$ 3,574,659.09	\$ 68,598,460.69	\$ 1,531,542.48	\$ -	\$ -	\$ 3,344,136.28	\$ 30,000.00	63,722,781.92	\$ 0.01422
Commercial				\$71,571,054.55	\$3,934,758.00	\$ 75,505,812.55	\$ 17,892,372.64	\$ 984,080.50	\$ 18,876,453.14	\$ 89,463,427.19	\$ 4,918,838.50	\$ 94,382,265.69	\$ 1,894,077.13	\$ -	\$ -	\$ 4,777,337.55	\$ 30,000.00	87,710,851.01	\$ 0.01143

2023 PROGRAM YEAR																			
	2023 Savings (MWH)	2023 Savings (kW)	Forecast Sales (%)	INPUT			HEA			HEA			INPUT			INPUT			
				Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	HEA (No PI)	HEA Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	HEA Carryforward	FCM Revenue	Smart Start Expense	Funds Needed	Forecasted Sales (MWH)
Eversource	13,211.175		42.2%	\$17,654,541.58	\$ 970,999.79	\$ 18,625,541.36	\$ 9,503,231.18	\$ 522,677.72	\$ 10,025,908.90	\$ 27,157,772.76	\$ 1,493,677.50	\$ 28,651,450.26	\$ 347,725.81	\$ -	\$ -	\$ 1,198,251.52	\$ 27,105,472.93	3,229,120.00	\$ 0.00839
Residential	147,526.270	15,822.340	57.8%	\$72,400,932.70	\$3,980,401.30	\$ 76,381,334.00	\$ 13,010,246.39	\$ 715,563.55	\$ 13,725,809.94	\$ 85,411,179.09	\$ 4,695,964.85	\$ 90,107,143.94	\$ 1,531,542.48	\$ -	\$ -	\$ 2,795,920.21	\$ 30,000.00	85,779,681.25	\$ 0.01940
Commercial				\$90,055,474.28	\$4,951,401.09	\$ 95,006,875.36	\$ 22,513,477.57	\$ 1,238,241.27	\$ 23,751,718.84	\$112,568,951.85	\$ 6,189,642.35	\$ 118,758,594.20	\$ 1,879,268.30	\$ -	\$ -	\$ 3,994,171.72	\$ 30,000.00	112,885,154.19	\$ 0.01478

** PI Factor = 5.50%
Low Income 20.00%

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20% HEA Funding Split Based on
Sector Funding Allocation * As filed on September 1

20% HEA Funding Split Based on
Sales Allocation ** Back-up in this workbook

Year	Customer Sector	Contribution To HEA Budget	EE Total Funding	SBC Rate EE Portion (cents/kWh)	Contribution to HEA Budget	EE Total Funding	SBC Rate EE Portion (cents/kWh)
		HEA (No PI Column)	Total Budget (w/PI) Column		HEA (No PI Column)		
2021	Residential	\$ 501,681	\$ 2,562,830	\$ 0.00562	\$ 478,198	\$ 2,538,055	\$ 0.00553
2021	C&I	\$ 920,095	\$ 4,853,502	\$ 0.00588	\$ 943,579	\$ 4,878,278	\$ 0.00592
2021	Total	\$ 1,421,776	\$ 7,416,333	\$ 0.00579	\$ 1,421,776	\$ 7,416,333	\$ 0.00579
2022	Residential	\$ 525,589	\$ 2,772,483	\$ 0.00864	\$ 510,329	\$ 2,756,384	\$ 0.00858
2022	C&I	\$ 1,115,851	\$ 5,886,113	\$ 0.00843	\$ 1,131,111	\$ 5,902,212	\$ 0.00845
2022	Total	\$ 1,641,440	\$ 8,658,596	\$ 0.00849	\$ 1,641,440	\$ 8,658,596	\$ 0.00849
2023	Residential	\$ 539,011	\$ 2,843,282	\$ 0.00922	\$ 588,803	\$ 2,895,813	\$ 0.00940
2023	C&I	\$ 1,355,200	\$ 7,148,680	\$ 0.01061	\$ 1,305,408	\$ 7,096,149	\$ 0.01053
2023	Total	\$ 1,894,211	\$ 9,991,962	\$ 0.01018	\$ 1,894,211	\$ 9,991,962	\$ 0.01018
2021 to 2023	Residential	\$ 1,566,281	\$ 8,178,595		\$ 1,577,330	\$ 8,190,252	
2021 to 2023	C&I	\$ 3,391,146	\$ 17,888,295		\$ 3,380,097	\$ 17,876,639	
2021 to 2023	Total	\$ 4,957,427	\$ 26,066,891		\$ 4,957,427	\$ 26,066,891	

New Hampshire Statewide Energy Efficiency Plan
2021-2023
Target Savings and Budget
New Calculation

		2021 PROGRAM YEAR																	
		INPUT			HEA			HEA			INPUT		INPUT		INPUT		INPUT		
GSE	2021 Savings (MWH)	2021 Savings (kW)	Total Program Budget (No PI - No HEA)	Performance Incentive (5.5% - No HEA)	Program Budget (With PI - No HEA)	HEA (No PI)	HEA Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	HEA Carryforward	FCM Revenue	Smart Start Expense	SBC Funds Needed	Forecasted Sales (MWH)	SBC Rate
			Residential	3,065.98		\$ 1,907,746.31	\$ 104,926.05	\$ 2,012,672.36	\$ 501,681.19	\$ 27,592.47	\$ 529,273.66	\$ 2,429,223.19	\$ 133,607.28	\$ 2,562,830.47	\$ 44,153.00	\$ 19,795.69	\$ 618,057.90	\$ 263,078.66	\$ -
Commercial	10008.015		\$ 3,690,381.00	\$ 202,420.96	\$ 3,892,801.96	\$ 920,095.25	\$ 50,605.24	\$ 970,700.49	\$ 4,600,476.25	\$ 253,026.19	\$ 4,853,502.44	\$ 177,584.00	\$ -	\$ 755,404.11	\$ 348,732.18	\$ -	\$ 3,571,782.16	607,489.80	\$ 0.00588
			\$ 5,598,127.31	\$ 307,347.00	\$ 5,895,474.31	\$ 1,421,776.44	\$ 78,197.70	\$ 1,499,974.14	\$ 7,029,699.44	\$ 386,633.47	\$ 7,416,332.91	\$ 221,737.00	\$ 19,795.69	\$ 1,373,462.01	\$ 611,810.84	\$ -	\$ 5,229,118.75	902,616.00	\$ 0.00579

		2022 PROGRAM YEAR																	
		INPUT			HEA			HEA			INPUT		INPUT		INPUT		INPUT		
GSE	2022 Savings (MWH)	2022 Savings (kW)	Total Program Budget (No PI - No HEA)	Performance Incentive (5.5% - No HEA)	Program Budget (With PI - No HEA)	HEA (No PI)	HEA Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	HEA Carryforward	FCM Revenue	Smart Start Expense	SBC Funds Needed	Forecasted Sales (MWH)	SBC Rate
			Residential	3,142.50		\$ 2,102,357.00	\$ 115,629.64	\$ 2,217,986.64	\$ 525,589.25	\$ 28,907.41	\$ 554,496.66	\$ 2,627,946.25	\$ 144,537.04	\$ 2,772,483.29	\$ 42,420.00	\$ -	\$ -	\$ 233,583.69	\$ -
Commercial	11345.422		\$ 4,463,403.00	\$ 245,487.17	\$ 4,708,890.17	\$ 1,115,850.75	\$ 61,371.79	\$ 1,177,222.54	\$ 5,579,253.75	\$ 306,858.96	\$ 5,886,112.71	\$ 177,584.00	\$ -	\$ -	\$ 309,634.19	\$ -	\$ 5,398,894.51	640,665.73	\$ 0.00843
			\$ 6,565,760.00	\$ 361,116.80	\$ 6,926,876.80	\$ 1,641,440.00	\$ 90,279.20	\$ 1,731,719.20	\$ 8,207,200.00	\$ 451,396.00	\$ 8,658,596.00	\$ 220,004.00	\$ -	\$ -	\$ 543,217.88	\$ -	\$ 7,895,374.12	929,718.13	\$ 0.00849

20% 20%

		2023 PROGRAM YEAR																	
		INPUT			HEA			HEA			INPUT		INPUT		INPUT		INPUT		
GSE	2023 Savings (MWH)	2023 Savings (kW)	Total Program Budget (No PI - No HEA)	Performance Incentive (5.5% - No HEA)	Program Budget (With PI - No HEA)	HEA (No PI)	HEA Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	HEA Carryforward	FCM Revenue	Smart Start Expense	SBC Funds Needed	Forecasted Sales (MWH)	SBC Rate
			Residential	3,843.25		\$ 2,156,043.00	\$ 118,582.37	\$ 2,274,625.37	\$ 539,010.75	\$ 29,645.59	\$ 568,656.34	\$ 2,695,053.75	\$ 148,227.96	\$ 2,843,281.71	\$ 40,687.00	\$ -	\$ -	\$ 150,965.79	\$ -
Commercial	12780.316		\$ 5,420,800.00	\$ 298,144.00	\$ 5,718,944.00	\$ 1,365,200.00	\$ 74,538.00	\$ 1,429,736.00	\$ 6,776,000.00	\$ 372,680.00	\$ 7,148,680.00	\$ 177,584.00	\$ -	\$ -	\$ 200,117.44	\$ -	\$ 6,770,978.56	637,874.10	\$ 0.01061
			\$ 7,576,843.00	\$ 416,726.37	\$ 7,993,569.37	\$ 1,894,210.75	\$ 104,181.59	\$ 1,998,392.34	\$ 9,471,053.75	\$ 520,907.96	\$ 9,991,961.71	\$ 218,271.00	\$ -	\$ -	\$ 351,083.23	\$ -	\$ 9,422,607.48	925,586.77	\$ 0.01018

20% 20%

New Hampshire Statewide Energy Efficiency Plan
2021-2023
Target Savings and Budget
HEA Split based on Sales

		2021 PROGRAM YEAR																	
GSE	2021 Savings (MWH)	Forecast Sales (%)	INPUT			HEA			Total			INPUT			INPUT			INPUT	
			Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	HEA (No PI)	Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	Carryforward	FCM Revenue	Smart Start Expense	Funds Needed	Forecasted Sales (MWH)	SBC Rate
Residential	3,065,977	32.7%	\$ 1,907,746.31	\$ 104,926.05	\$ 2,012,672.36	\$ 478,197.68	\$ 26,300.87	\$ 504,498.55	\$ 2,405,739.68	\$ 132,315.68	\$ 2,538,055.36	\$ 44,153.00	\$ 19,735.69	\$ 618,057.90	\$ 263,078.66	\$ 1,632,561.49	295,126.00	\$ 0.00553	
Commercial	10,008,015	67.3%	\$ 3,680,381.00	\$ 202,420.96	\$ 3,882,801.96	\$ 943,578.76	\$ 51,896.83	\$ 995,475.59	\$ 4,623,959.76	\$ 254,317.79	\$ 4,878,277.55	\$ 177,584.00	\$ -	\$ 755,404.11	\$ 348,732.18	\$ 3,596,557.26	607,490.00	\$ 0.00592	
			\$ 5,588,127.31	\$ 307,347.00	\$ 5,895,474.31	\$ 1,421,776.44	\$ 78,197.70	\$ 1,499,974.14	\$ 7,029,699.44	\$ 386,633.47	\$ 7,416,332.91	\$ 221,737.00	\$ 19,795.69	\$ 1,373,462.01	\$ 611,810.84	\$ 5,229,118.75	902,616.00	\$ 0.00579	

		2022 PROGRAM YEAR																	
GSE	2022 Savings (MWH)	Forecast Sales (%)	INPUT			HEA			Total			INPUT			INPUT			INPUT	
			Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	HEA (No PI)	Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	Carryforward	FCM Revenue	Smart Start Expense	Funds Needed	Forecasted Sales (MWH)	SBC Rate
Residential	3,142,499	31.1%	\$ 2,102,357.00	\$ 115,629.64	\$ 2,217,986.64	\$ 510,329.05	\$ 28,068.10	\$ 538,397.15	\$ 2,612,686.05	\$ 143,697.73	\$ 2,756,383.78	\$ 42,420.00	\$ -	\$ -	\$ 233,583.69	\$ 2,490,380.09	289,052.40	\$ 0.00858	
Commercial	11,345,422	68.9%	\$ 4,463,403.00	\$ 245,487.17	\$ 4,708,890.17	\$ 1,131,110.95	\$ 62,211.10	\$ 1,193,322.05	\$ 5,594,513.95	\$ 307,698.27	\$ 5,902,212.22	\$ 177,584.00	\$ -	\$ -	\$ 309,634.19	\$ 5,414,994.03	640,665.73	\$ 0.00845	
			\$ 6,565,760.00	\$ 361,116.80	\$ 6,926,876.80	\$ 1,641,440.00	\$ 90,279.20	\$ 1,731,719.20	\$ 8,207,200.00	\$ 451,396.00	\$ 8,658,596.00	\$ 220,004.00	\$ -	\$ -	\$ 543,217.88	\$ 7,895,374.12	929,718.13	\$ 0.00849	

		2023 PROGRAM YEAR																	
GSE	2023 Savings (MWH)	Forecast Sales (%)	INPUT			HEA			Total			INPUT			INPUT			INPUT	
			Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	HEA (No PI)	Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	Carryforward	FCM Revenue	Smart Start Expense	Funds Needed	Forecasted Sales (MWH)	SBC Rate
Residential	3,843,250	31.1%	\$ 2,156,043.00	\$ 118,582.37	\$ 2,274,625.37	\$ 588,803.18	\$ 32,384.18	\$ 621,187.36	\$ 2,744,846.18	\$ 150,966.54	\$ 2,895,812.72	\$ 40,687.00	\$ -	\$ -	\$ 150,965.79	\$ 2,704,159.94	287,712.67	\$ 0.00840	
Commercial	12,780,316	68.9%	\$ 5,420,800.00	\$ 298,144.00	\$ 5,718,944.00	\$ 1,305,407.57	\$ 71,797.42	\$ 1,377,204.98	\$ 6,726,207.57	\$ 369,941.42	\$ 7,096,148.98	\$ 177,584.00	\$ -	\$ -	\$ 200,117.44	\$ 6,718,447.54	637,874.10	\$ 0.01053	
			\$ 7,576,843.00	\$ 416,726.37	\$ 7,993,569.37	\$ 1,894,210.75	\$ 104,181.59	\$ 1,998,392.34	\$ 9,471,053.75	\$ 520,907.96	\$ 9,991,961.71	\$ 218,271.00	\$ -	\$ -	\$ 351,083.23	\$ 9,422,607.48	925,586.77	\$ 0.01018	

** PI Factor = 5.50%
Low Income 20.00%

Unitil Energy Systems
NHPUC Docket No. DE 20-092
TS 1-005 (Unitil)
Dated 10/22/2020
Attachment TS 1-005
Page 1 of 3

		20% HEA Funding Split Based on Sector Funding Allocation (Page 2 of 3)			20% HEA Funding Split Based on Sales Allocation* (Page 3 of 3)		
Year	Customer Sector	Contribution To HEA Budget	EE Total Funding	SBC Rate EE Portion (cents/kWh)	Contribution to HEA Budget	EE Total Funding	SBC Rate EE Portion (cents/kWh)
2021	Residential	\$ 649,864	\$ 3,599,850	0.592	\$ 764,309	\$ 3,714,296	0.615
2021	C&I	\$ 1,077,673	\$ 5,969,659	0.885	\$ 963,228	\$ 5,855,213	0.867
2021	Total	\$ 1,727,537	\$ 9,569,509	0.756	\$ 1,727,537	\$ 9,569,509	0.756
2022	Residential	\$ 706,543	\$ 3,696,119	0.726	\$ 929,857	\$ 3,919,434	0.773
2022	C&I	\$ 1,462,429	\$ 7,650,371	1.105	\$ 1,239,115	\$ 7,427,057	1.070
2022	Total	\$ 2,168,972	\$ 11,346,490	0.943	\$ 2,168,972	\$ 11,346,490	0.943
2023	Residential	\$ 729,929	\$ 3,789,064	0.753	\$ 1,091,015	\$ 4,150,149	0.829
2023	C&I	\$ 1,849,545	\$ 9,600,986	1.389	\$ 1,488,459	\$ 9,239,900	1.333
2023	Total	\$ 2,579,474	\$ 13,390,049	1.120	\$ 2,579,474	\$ 13,390,049	1.120
2021 to 2023	Residential	\$ 2,086,336	\$ 11,085,033		\$ 2,785,181	\$ 11,783,878	
2021 to 2023	C&I	\$ 4,389,647	\$ 23,221,016		\$ 3,690,802	\$ 22,522,171	
2021 to 2023	Total	\$ 6,475,983	\$ 34,306,049		\$ 6,475,983	\$ 34,306,049	

*As filed September 1, 2020 (updated for Staff 2-77)

New Hampshire Statewide Energy Efficiency Plan
2021-2023
Target Savings and Budget

HEA Program Funding Based on Revenue

2021 PROGRAM YEAR

Unitil	INPUT			HEA			Total			INPUT				INPUT		
	Total Program Budget (No PI - No HEA)	Performance Incentive (5.5% - No HEA)	Program Budget (With PI - No HEA)	HEA (No PI)	HEA Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	HEA Carryforward	FCM Revenue	SBC Funds Needed	Forecasted Sales (MWH)	SBC Rate
Residential	\$ 2,796,196	\$ 153,791	\$ 2,949,987	\$ 615,984	\$ 33,879	\$ 649,864	\$ 3,412,180	\$ 187,670	\$ 3,599,850	\$ 56,687	\$ -	\$ 478,792	\$ 168,524	\$ 2,895,847	489,123	0.00592
Commercial	\$ 4,636,953	\$ 255,032	\$ 4,891,985	\$ 1,021,491	\$ 56,182	\$ 1,077,673	\$ 5,658,444	\$ 311,214	\$ 5,969,659	\$ 228,000	\$ -	\$ (109,956)	\$ 393,222	\$ 5,458,393	616,422	0.00885
	\$ 7,433,149	\$ 408,823	\$ 7,841,972	\$ 1,637,476	\$ 90,061	\$ 1,727,537	\$ 9,070,625	\$ 498,884	\$ 9,569,509	\$ 284,688	\$ -	\$ 368,836	\$ 561,745	\$ 8,354,241	1,105,545	0.00756

*Including current year interest

18.05%

2022 PROGRAM YEAR

Unitil	INPUT			HEA			Total			INPUT				INPUT		
	Total Program Budget (No PI - No HEA)	Performance Incentive (5.5% - No HEA)	Program Budget (With PI - No HEA)	HEA (No PI)	HEA Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	HEA Carryforward	FCM Revenue	SBC Funds Needed	Forecasted Sales (MWH)	SBC Rate
Residential	\$ 2,833,722	\$ 155,855	\$ 2,989,576	\$ 669,709	\$ 36,834	\$ 706,543	\$ 3,503,430	\$ 192,689	\$ 3,696,119	\$ 54,463	\$ -	\$ 614	\$ 140,137	\$ 3,500,905	482,006	0.00726
Commercial	\$ 5,865,348	\$ 322,594	\$ 6,187,942	\$ 1,386,189	\$ 76,240	\$ 1,462,429	\$ 7,251,537	\$ 398,835	\$ 7,650,371	\$ 228,000	\$ -	\$ (1,567)	\$ 326,985	\$ 7,096,953	642,314	0.01105
	\$ 8,699,070	\$ 478,449	\$ 9,177,518	\$ 2,055,898	\$ 113,074	\$ 2,168,972	\$ 10,754,967	\$ 591,523	\$ 11,346,490	\$ 282,463	\$ -	\$ (952)	\$ 467,122	\$ 10,597,857	1,124,320	0.00943

*Including current year interest

2023 PROGRAM YEAR

Unitil	INPUT			HEA			Total			INPUT				INPUT		
	Total Program Budget (No PI - No HEA)	Performance Incentive (5.5% - No HEA)	Program Budget (With PI - No HEA)	HEA (No PI)	HEA Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	HEA Carryforward	FCM Revenue	SBC Funds Needed	Forecasted Sales (MWH)	SBC Rate
Residential	\$ 2,899,653	\$ 159,481	\$ 3,059,134	\$ 691,876	\$ 38,053	\$ 729,929	\$ 3,591,529	\$ 197,534	\$ 3,789,064	\$ 52,238	\$ -	\$ (910)	\$ 133,129	\$ 3,604,607	478,410	0.00753
Commercial	\$ 7,347,338	\$ 404,104	\$ 7,751,441	\$ 1,753,123	\$ 96,422	\$ 1,849,545	\$ 9,100,461	\$ 500,525	\$ 9,600,986	\$ 228,000	\$ -	\$ (337)	\$ 310,634	\$ 9,062,688	652,689	0.01389
	\$ 10,246,991	\$ 563,585	\$ 10,810,575	\$ 2,444,999	\$ 134,475	\$ 2,579,474	\$ 12,691,990	\$ 698,059	\$ 13,390,049	\$ 280,238	\$ -	\$ (1,247)	\$ 443,763	\$ 12,667,295	1,131,099	0.01120

*Including current year interest

New Hampshire Statewide Energy Efficiency Plan
2021-2023
Target Savings and Budget
HEA Program Funding Based on Sales

2021 PROGRAM YEAR

Unitil	INPUT			HEA			HEA			INPUT			INPUT			INPUT	
	Total Program Budget (No PI - No HEA)	Performance Incentive (5.5% - No HEA)	Program Budget (With PI - No HEA)	HEA (No PI)	Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	HEA Carryforward*	FCM Revenue	Funds Needed	Forecasted Sales (MWH)	SBC Rate	
Residential	\$ 2,796,196	\$ 153,791	\$ 2,949,987	\$ 724,463	\$ 39,845	\$ 764,309	\$ 3,520,659	\$ 193,636	\$ 3,714,296	\$ 56,687	\$ -	\$ 480,100	\$ 168,524	\$ 3,008,984	489,123	0.00615	
Commercial	\$ 4,636,953	\$ 255,032	\$ 4,891,985	\$ 913,013	\$ 50,216	\$ 963,228	\$ 5,549,965	\$ 305,248	\$ 5,855,213	\$ 228,000	\$ -	\$ (111,241)	\$ 393,222	\$ 5,345,233	616,422	0.00867	
	\$ 7,433,149	\$ 408,823	\$ 7,841,972	\$ 1,637,476	\$ 90,061	\$ 1,727,537	\$ 9,070,625	\$ 498,884	\$ 9,569,509	\$ 284,688	\$ -	\$ 368,859	\$ 561,745	\$ 8,354,217	1,105,545	0.00756	

*Including current year interest

2022 PROGRAM YEAR

Unitil	INPUT			HEA			HEA			INPUT			INPUT			INPUT	
	Total Program Budget (No PI - No HEA)	Performance Incentive (5.5% - No HEA)	Program Budget (With PI - No HEA)	HEA (No PI)	Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	HEA Carryforward*	FCM Revenue	Funds Needed	Forecasted Sales (MWH)	SBC Rate	
Residential	\$ 2,833,722	\$ 155,855	\$ 2,989,576	\$ 881,381	\$ 48,476	\$ 929,857	\$ 3,715,103	\$ 204,331	\$ 3,919,434	\$ 54,463	\$ -	\$ (153)	\$ 140,137	\$ 3,724,986	482,006	0.00773	
Commercial	\$ 5,865,348	\$ 322,594	\$ 6,187,942	\$ 1,174,517	\$ 64,598	\$ 1,239,115	\$ 7,039,864	\$ 387,193	\$ 7,427,057	\$ 228,000	\$ -	\$ (2,147)	\$ 326,985	\$ 6,874,218	642,314	0.01070	
	\$ 8,699,070	\$ 478,449	\$ 9,177,518	\$ 2,055,898	\$ 113,074	\$ 2,168,972	\$ 10,754,967	\$ 591,523	\$ 11,346,490	\$ 282,463	\$ -	\$ (2,300)	\$ 467,122	\$ 10,599,205	1,124,320	0.00943	

*Including current year interest

2023 PROGRAM YEAR

Unitil	INPUT			HEA			HEA			INPUT			INPUT			INPUT	
	Total Program Budget (No PI - No HEA)	Performance Incentive (5.5% - No HEA)	Program Budget (With PI - No HEA)	HEA (No PI)	Performance Incentive	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	HEA Carryforward*	FCM Revenue	Funds Needed	Forecasted Sales (MWH)	SBC Rate	
Residential	\$ 2,899,653	\$ 159,481	\$ 3,059,134	\$ 1,034,137	\$ 56,878	\$ 1,091,015	\$ 3,933,791	\$ 216,358	\$ 4,150,149	\$ 52,238	\$ -	\$ 863	\$ 133,129	\$ 3,963,919	478,410	0.00829	
Commercial	\$ 7,347,338	\$ 404,104	\$ 7,751,441	\$ 1,410,862	\$ 77,597	\$ 1,488,459	\$ 8,758,199	\$ 481,701	\$ 9,239,900	\$ 228,000	\$ -	\$ (920)	\$ 310,634	\$ 8,702,186	652,689	0.01333	
	\$ 10,246,991	\$ 563,585	\$ 10,810,575	\$ 2,444,999	\$ 134,475	\$ 2,579,474	\$ 12,691,990	\$ 698,059	\$ 13,390,049	\$ 280,238	\$ -	\$ (56)	\$ 443,763	\$ 12,666,105	1,131,099	0.01120	

*Including current year interest

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		20% HEA Funding Split Based on Sector Funding Allocation * As filed on September 1			20% HEA Funding Split Based on Sales Allocation ** Back-up in this workbook		
Year	Customer Sector	Contribution To HEA Budget	EE Total Funding	SBC Rate EE Portion (cents/kWh)	Contribution to HEA Budget	EE Total Funding	SBC Rate EE Portion (cents/kWh)
2021	Residential	\$ 835,593	\$ 4,407,051	0.008	\$ 855,760	\$ 4,427,217	0.008
2021	C&I	\$ 565,451	\$ 2,982,275	0.009	\$ 545,284	\$ 2,962,109	0.009
2021	Total	\$ 1,401,044	\$ 7,389,326	0.009	\$ 1,401,044	\$ 7,389,326	0.009
2022	Residential	\$ 796,059	\$ 4,165,238	0.009	\$ 876,455	\$ 4,245,634	0.009
2022	C&I	\$ 638,868	\$ 3,342,761	0.010	\$ 558,472	\$ 3,262,365	0.010
2022	Total	\$ 1,434,927	\$ 7,507,999	0.009	\$ 1,434,927	\$ 7,507,999	0.009
2023	Residential	\$ 789,913	\$ 4,071,477	0.009	\$ 867,325	\$ 4,148,888	0.009
2023	C&I	\$ 630,065	\$ 3,247,563	0.010	\$ 552,653	\$ 3,170,152	0.010
2023	Total	\$ 1,419,978	\$ 7,319,040	0.009	\$ 1,419,978	\$ 7,319,040	0.009
2021 to 2023	Residential	\$ 2,421,566	\$ 12,643,766		\$ 2,599,540	\$ 12,821,740	
2021 to 2023	C&I	\$ 1,834,383	\$ 9,572,599		\$ 1,656,409	\$ 9,394,625	
2021 to 2023	Total	\$ 4,255,949	\$ 22,216,365		\$ 4,255,949	\$ 22,216,365	

New Hampshire Statewide Energy Efficiency Plan

2021-2023
Target Savings and Budget

HEA Split based on Budget

		2021 PROGRAM YEAR																		
	2021 Savings (MWh)	2021 Savings (kW)	Forecast Budget (Less HEA) (%)	INPUT			HEA Performance			Total Performance			RGGI			INPUT				
				Total Budget (No PI)	Total Performance (With PI)	Total Budget (With PI)	HEA (No PI)	HEA Performance (With PI)	HEA (With PI)	Total Budget (No PI)	Total Performance (With PI)	Total Budget (With PI)	Funding (With PI)	HEA Carryforward	HEA Carryforward	FCM Revenue	Smart Start Expense	Funds Needed	Forecasted Sales (MWh)	SBC Rate
NHEC	3,411,488	430,000	59.6%	\$ 3,341,875.00	\$ 229,582.36	\$ 3,571,457.36	\$ 835,593.40	\$ -	\$ 835,593.40	\$ 4,177,466.40	\$ 229,582.36	\$ 4,407,050.76	\$ 34,612.00	\$ -	\$ 4,407,050.76	\$ 30,000.00	\$ -	\$ 3,034,611.76	469,460	\$ 0.00838
Residential	5,732,533	462,800	40.4%	\$ 2,287,486.00	\$ 115,339.64	\$ 2,402,825.64	\$ 569,450.00	\$ -	\$ 569,450.00	\$ 2,836,915.00	\$ 115,339.64	\$ 2,952,254.64	\$ 172,873.00	\$ -	\$ 2,952,254.64	\$ 70,000.00	\$ 6,430.00	\$ 2,711,244.64	299,137	\$ 0.00986
Commercial				\$ 5,603,340.00	\$ 384,942.00	\$ 5,988,282.00	\$ 1,401,044.00	\$ -	\$ 1,401,044.00	\$ 7,004,384.00	\$ 384,942.00	\$ 7,389,326.00	\$ 207,485.00	\$ -	\$ 7,389,326.00	\$ 100,000.00	\$ 6,430.00	\$ 6,645,897.00	768,596.74	\$ 0.00865

		2022 PROGRAM YEAR																		
	2022 Savings (MWh)	2022 Savings (kW)	Forecast Budget (Less HEA) (%)	INPUT			HEA Performance			Total Performance			RGGI			INPUT				
				Total Budget (No PI)	Total Performance (With PI)	Total Budget (With PI)	HEA (No PI)	HEA Performance (With PI)	HEA (With PI)	Total Budget (No PI)	Total Performance (With PI)	Total Budget (With PI)	Funding (With PI)	HEA Carryforward	HEA Carryforward	FCM Revenue	Smart Start Expense	Funds Needed	Forecasted Sales (MWh)	SBC Rate
NHEC	2,276,728	309,000	55.5%	\$ 3,158,876.00	\$ 210,937.77	\$ 3,369,813.77	\$ 796,009.32	\$ -	\$ 796,009.32	\$ 3,954,784.32	\$ 210,937.77	\$ 4,165,722.09	\$ 34,612.00	\$ -	\$ 4,165,722.09	\$ 30,000.00	\$ -	\$ 4,100,026.09	469,460	\$ 0.00873
Residential	6,105,282	528,000	44.5%	\$ 2,034,956.00	\$ 168,937.23	\$ 2,203,893.23	\$ 638,867.68	\$ -	\$ 638,867.68	\$ 3,173,823.68	\$ 168,937.23	\$ 3,342,760.91	\$ 172,873.00	\$ -	\$ 3,342,760.91	\$ 70,000.00	\$ 6,408.00	\$ 3,099,887.91	299,137	\$ 0.01036
Commercial				\$ 5,693,631.00	\$ 379,441.00	\$ 6,073,072.00	\$ 1,434,927.00	\$ -	\$ 1,434,927.00	\$ 7,128,558.00	\$ 379,441.00	\$ 7,507,999.00	\$ 207,485.00	\$ -	\$ 7,507,999.00	\$ 100,000.00	\$ 6,408.00	\$ 7,200,514.00	768,596.74	\$ 0.00937

		2023 PROGRAM YEAR																		
	2023 Savings (MWh)	2023 Savings (kW)	Forecast Budget (Less HEA) (%)	INPUT			HEA Performance			Total Performance			RGGI			INPUT				
				Total Budget (No PI)	Total Performance (With PI)	Total Budget (With PI)	HEA (No PI)	HEA Performance (With PI)	HEA (With PI)	Total Budget (No PI)	Total Performance (With PI)	Total Budget (With PI)	Funding (With PI)	HEA Carryforward	HEA Carryforward	FCM Revenue	Smart Start Expense	Funds Needed	Forecasted Sales (MWh)	SBC Rate
NHEC	1,815,652	199,500	55.6%	\$ 3,081,950.00	\$ 199,613.66	\$ 3,281,563.66	\$ 789,913.41	\$ -	\$ 789,913.41	\$ 3,871,863.41	\$ 199,613.66	\$ 4,071,477.07	\$ 34,612.00	\$ -	\$ 4,071,477.07	\$ 30,000.00	\$ -	\$ 4,006,865.07	469,460	\$ 0.00854
Residential	6,058,357	484,700	44.4%	\$ 2,468,979.00	\$ 159,219.34	\$ 2,628,198.34	\$ 630,064.59	\$ -	\$ 630,064.59	\$ 3,089,249.59	\$ 159,219.34	\$ 3,248,468.93	\$ 172,873.00	\$ -	\$ 3,248,468.93	\$ 70,000.00	\$ 6,000.00	\$ 3,054,699.93	299,137	\$ 0.01054
Commercial				\$ 5,540,229.00	\$ 358,833.00	\$ 5,899,062.00	\$ 1,419,978.00	\$ -	\$ 1,419,978.00	\$ 6,560,207.00	\$ 358,833.00	\$ 6,919,040.00	\$ 207,485.00	\$ -	\$ 6,919,040.00	\$ 100,000.00	\$ 6,000.00	\$ 7,011,555.00	768,596.74	\$ 0.00912

** PI Factor = 5.50%
Low Income 20.00%

New Hampshire Statewide Energy Efficiency Plan
2021-2023
Target Savings and Budget
HEA Split based on Sales

	2021 Savings (MWh)	2021 Savings (kW)	Forecast Sales (%)	2021 PROGRAM YEAR																	
				INPUT			HEA			HEA			INPUT			INPUT			INPUT		
				Total Budget (No PI)	Total Performance Incentive (With PI)	Total Budget (With PI)	HEA (No PI)	Performance Incentive (With PI)	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive (With PI)	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	Carryforward	FCM Revenue	Smart Start Expense	Funds Needed	Forecasted Sales (MWh)	SBC Rate	
NHEC	3,411,488	430,000	61.1%	\$ 3,341,875.00	\$ 229,582.36	\$ 3,571,457.36	\$ 855,759.67	\$ -	\$ 855,759.67	\$ 4,197,634.67	\$ 229,582.36	\$ 4,427,217.03	\$ 34,612.00	\$ -	\$ 407,827.00	\$ 30,000.00	\$ -	\$ 3,954,778.03	469,460	\$ 0.00842	
Residential	5,732,533	462,800	38.9%	\$ 2,281,465.00	\$ 155,359.64	\$ 2,436,824.64	\$ 545,284.33	\$ -	\$ 545,284.33	\$ 2,806,749.33	\$ 155,359.64	\$ 2,962,108.97	\$ 172,873.00	\$ -	\$ 28,157.00	\$ 70,000.00	\$ 5,432.00	\$ 2,891,078.97	299,137	\$ 0.00900	
Commercial				\$ 6,693,340.00	\$ 384,942.00	\$ 7,078,282.00	\$ 1,401,044.00	\$ -	\$ 1,401,044.00	\$ 7,004,384.00	\$ 384,942.00	\$ 7,389,326.00	\$ 207,485.00	\$ -	\$ 436,984.00	\$ 100,000.00	\$ 5,432.00	\$ 6,645,897.00	768,596.74	\$ 0.00891	

	2022 Savings (MWh)	2022 Savings (kW)	Forecast Sales (%)	2022 PROGRAM YEAR																	
				INPUT			HEA			HEA			INPUT			INPUT			INPUT		
				Total Budget (No PI)	Total Performance Incentive (With PI)	Total Budget (With PI)	HEA (No PI)	Performance Incentive (With PI)	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive (With PI)	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	Carryforward	FCM Revenue	Smart Start Expense	Funds Needed	Forecasted Sales (MWh)	SBC Rate	
NHEC	2,276,728	269,000	61.1%	\$ 3,158,875.00	\$ 210,503.77	\$ 3,369,378.77	\$ 876,455.46	\$ -	\$ 876,455.46	\$ 4,035,130.46	\$ 210,503.77	\$ 4,245,634.23	\$ 34,612.00	\$ -	\$ -	\$ 30,000.00	\$ -	\$ 4,181,022.23	469,460	\$ 0.00891	
Residential	6,105,282	528,000	38.9%	\$ 2,545,980.00	\$ 168,937.23	\$ 2,714,917.23	\$ 558,471.54	\$ -	\$ 558,471.54	\$ 3,093,477.54	\$ 168,937.23	\$ 3,262,414.77	\$ 172,873.00	\$ -	\$ -	\$ 70,000.00	\$ 5,432.00	\$ 3,079,481.77	299,137	\$ 0.01098	
Commercial				\$ 5,693,631.00	\$ 379,441.00	\$ 6,073,072.00	\$ 1,434,927.00	\$ -	\$ 1,434,927.00	\$ 7,328,558.00	\$ 379,441.00	\$ 7,707,999.00	\$ 207,485.00	\$ -	\$ -	\$ 100,000.00	\$ 5,432.00	\$ 7,500,514.00	768,596.74	\$ 0.00927	

	2023 Savings (MWh)	2023 Savings (kW)	Forecast Sales (%)	2023 PROGRAM YEAR																	
				INPUT			HEA			HEA			INPUT			INPUT			INPUT		
				Total Budget (No PI)	Total Performance Incentive (With PI)	Total Budget (With PI)	HEA (No PI)	Performance Incentive (With PI)	HEA (With PI)	Total Budget (No PI)	Total Performance Incentive (With PI)	Total Budget (With PI)	RGGI Funding (With PI)	HEA Carryforward	Carryforward	FCM Revenue	Smart Start Expense	Funds Needed	Forecasted Sales (MWh)	SBC Rate	
NHEC	1,815,652	199,500	61.1%	\$ 3,081,000.00	\$ 199,613.66	\$ 3,280,613.66	\$ 867,334.59	\$ -	\$ 867,334.59	\$ 3,949,374.59	\$ 199,613.66	\$ 4,148,988.25	\$ 34,612.00	\$ -	\$ -	\$ 30,000.00	\$ -	\$ 4,084,291.25	469,460	\$ 0.00870	
Residential	6,058,357	484,700	38.9%	\$ 2,458,279.00	\$ 159,219.34	\$ 2,617,498.34	\$ 552,653.41	\$ -	\$ 552,653.41	\$ 3,010,932.41	\$ 159,219.34	\$ 3,170,151.75	\$ 172,873.00	\$ -	\$ -	\$ 70,000.00	\$ 5,000.00	\$ 2,927,278.75	299,137	\$ 0.00970	
Commercial				\$ 6,540,229.00	\$ 358,833.00	\$ 6,899,062.00	\$ 1,419,978.00	\$ -	\$ 1,419,978.00	\$ 6,960,207.00	\$ 358,833.00	\$ 7,319,040.00	\$ 207,485.00	\$ -	\$ -	\$ 100,000.00	\$ 6,000.00	\$ 7,011,555.00	768,596.74	\$ 0.00912	

** PI Factor = 5.50%
Low Income 20.00%