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February 28, 2020

Debra A. Howland Executive Director State of New Hampshire Public Utilities Commission 21 S. Fruit Street, Suite 10 Concord, New Hampshire 03301-2429

RE: DE 17-136 - NHSaves Energy Efficiency Programs Fourth Quarter 2019 Report

Dear Director Howland:

Enclosed for filing with the Commission are four copies of the Fourth Quarter 2019 Report for the NHSaves Energy Efficiency Programs containing results for all the electric and natural gas utilities. Eversource is filing four copies consistent with the ruling of the Commission in Order No. 25,462 dated February 1, 2013.

A copy of this report was made available electronically to the Commission and all parties on the service list on February 28, 2020.

Very truly yours,

Tomas S. Fuller

Analyst

Regulatory, Planning and Evaluation

**Energy Efficiency** 

Enclosures cc: Service List



# New Hampshire Statewide Energy Efficiency Programs

4th Quarter Report January 2019 – December 2019

**Docket DE 17-136** 

February 28, 2020









# **Table of Contents**

	Description	Page
Highlights	Statewide and Company-Specific Programs	1
	Statewide Programs	2
	Company-Specific Programs	3
	Home Energy Assistance Program - Highlights	4
	CO <sub>2</sub> Emissions Reductions	5
	Annual Savings by Fuel Type	6
	Summary of Results by Utility	7
Program Results	Home Energy Assistance (HEA)	8
	ENERGY STAR® Homes	9
	Home Performance with ENERGY STAR (HPWES)	10
	ENERGY STAR Products	11
	Large Business Energy Solutions	12
	Small Business Energy Solutions	13
	Municipal Program	14
	Company-Specific Programs - Liberty Utilities and NHEC	15
	Company-Specific Programs - Eversource	16
	Education Programs	17
	Forward Capacity Market (FCM) - Proceeds and Expenses	18
Expenses by Activity	Residential Programs	19-20
	C&I and Municipal Programs	21
	Residential, C&I and Municipal Combined	22
Other	Evaluation, Monitoring and Verification (EM&V)	23
	Revolving Loan Fund (RLF)	24
	Smart-Start Revolving Loan Program	25
	Residential Third Party Financing Option	26
	Electric Programs - Summary of Actual Results by Utility and Program	27
	Allocation of Electric Program Expenses, Savings and Participants Served by Funding Source	
	System Benefits Charge, Forward Capacity Market and Interest Funds Only	28
	Energy Efficiency Fund Only - Regional Greenhouse Gas Initiative	29
	Gas Programs - Summary of Actual Results by Utility and Program	30
	Demand Reduction Initiative	31

#### Highlights

	Program Ex	penses <sup>1</sup>		kWh Annual:	Savings			MM Annual:	Btu Savings		Partic	cipants
Description	Actual	% of Budget	Annual	% of Goal	Lifetime	Life: % of Goal	Annual	% of Goal	Lifetime	Life: % of Goal	Count	% of Goal
Electric Utilities												
Statewide Programs												
Municipal Program	\$ 1,950,885	98%	4,539,141	102%	59,682,111	96%	9,447	238%	157,398	263%	185	168%
All Other Statewide Program	\$ 42,184,599	103%	106,953,616	114%	1,284,152,146	108%	68,094	79%	1,493,533	83%	318,161	111%
Sub-total	\$ 44,135,484	103%	111,492,757	119%	1,343,834,257	107%	77,541	86%	1,650,931	89%	318,346	111%
Company Specific Programs <sup>2</sup>	\$ 2,950,613	65%	11,606,394	99%	64,281,266	89%	-	-	-	-	117,578	112%
Total Electric	\$ 47,086,097	99%	123,099,151	114%	1,408,115,523	106%	77,541	86%	1,650,931	89%	435,924	111%
<u>Gas Utilities</u>												
Statewide Programs	\$ 9,705,840	103%	805,172		10,783,591		192,359	117%	3,008,946	107%	7,075	158%
Company Specific Programs <sup>2</sup>	\$ 389,753	141%	-		-		16,345	221%	51,982	190%	48,900	99%
Total Gas	\$ 10,095,593	104%	805,172		10,783,591		208,704	122%	3,060,928	108%	55,975	103%
Grand Total	\$ 57,181,691	99%	123,904,323	114%	1,418,899,114	107%	286,245	109%	4,711,859	100%	491,899	102%

<sup>(1)</sup> Program expenses shown in this report exclude the performance incentive (PI), which can vary by program and accomplishment thresholds. The planned budget for PI is 5.5% of actual program expenditures. The actual PI for each utility is calculated to reflect the utilities' final accomplishments and is filed with the Commission by June 1st of each year for the preceding program year.

<sup>(2)</sup> Company-specific includes company-specific programs, education, forward capacity market and loan program implementation expenses.

# Highlights Statewide Programs 1

		Program Expenses			kWh Savings			MMBtu Savings	;	Partic	ipants
Description		Actual	% of Budget	Annual	Lifetime	Life: % of Goal	Annual	Lifetime	Life: % of Goal	Count	% of Goal
Electric Utilities											
Residential											
Home Energy Assistance	\$	9,546,714	117%	1,762,345	19,027,567	127%	18,796	415,225	71%	1,986	178%
ENERGY STAR Homes	\$	1,881,752	70%	1,294,690	27,847,889	87%	18,186	449,565	139%	539	55%
NH Home Performance w/Energy Star	\$	4,249,165	79%	1,083,911	19,279,552	134%	28,512	601,249	72%	1,542	108%
ENERGY STAR Products	\$	5,678,221	113%	22,437,674	152,727,604	158%	1,414	16,814	33%	310,628	111%
Sub-total	\$	21,355,851	100%	26,578,620	218,882,612	138%	66,907	1,482,853	83%	314,695	111%
Commercial & Industrial											
Large Business Energy Solutions	\$	11,895,060	97%	51,401,480	678,817,238	89%	1,187	10,680	-	948	122%
Small Business Energy Solutions	\$	8,933,688	120%	28,973,515	386,452,296	140%	-	-	-	2,518	247%
Municipal Program	\$	1,950,885	98%	4,539,141	59,682,111	96%	9,447	157,398	263%	185	168%
Sub-total	\$	22,779,633	105%	84,914,136	1,124,951,645	103%	10,634	168,078	281%	3,651	191%
Total Electric	\$	44,135,484	103%	111,492,757	1,343,834,257	107%	77,541	1,650,931	89%	318,346	111%
		· · · · · ·									
Gas Utilities											
Residential											
Home Energy Assistance	\$	1,944,500	115%	97,750	1,564,586		10,208	197,393	101%	467	152%
ENERGY STAR Homes	\$	589,269	96%	169,766	3,285,276		5,770	134,768	135%	173	106%
NH Home Performance w/Energy Star	\$	1,089,174	88%	209,023	1,613,893		12,989	238,345	103%	692	87%
ENERGY STAR Products	\$	1,309,643	106%	78,635	1,274,620		26,184	429,767	159%	4,153	211%
Sub-total	\$	4,932,586	103%	555,174	7,738,375		55,151	1,000,273	126%	5,485	170%
Commercial & Industrial	l	, ,		ŕ	, ,		,			,	
Large Business Energy Solutions	\$	2,749,882	94%	190,846	1,932,313		98,598	1,343,950	97%	85	51%
Small Business Energy Solutions	\$	2,023,372	116%	59,152	1,112,903		38,611	664,723	48%	1,505	138%
Sub-total	\$	4,773,255	102%	249,998	3,045,216		137,208	2,008,673	100%	1,590	127%
Total Gas	\$	9,705,840	103%	805,172	10,783,591		192,359	3,008,946	107%	7,075	158%
Grand Total	\$	53,841,325	103%	112,297,929	1,354,617,847	108%	269,900	4,659,877	100%	325,421	112%

#### Notes

(1) Amounts shown above pertain only to the <u>Statewide</u> programs. The amounts pertaining to the <u>Company-Specific</u> programs are shown on page 3.

# Highlights Company-Specific Programs <sup>1</sup>

Electric Utilities  Residential  Home Energy Reports  Customer Engagement Platform  Forward Capacity Market Expenses 2  Sub-total  Commercial & Industrial  Smart Start  C&I Customer Partnerships  C&I RFP Program  Education  Electric Utilities  \$  Residential  \$  \$  Customer Engagement Platform  \$  \$  \$  Commercial & Industrial  \$  Smart Start  \$  C&I Customer Partnerships  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$	193,117	% of Budget 89%	Annual	Lifetime	Life: % of Goal	Annual	Lifetime	Life: % of Goal	Count	% of Goal
Residential  Home Energy Reports \$ Customer Engagement Platform \$ Forward Capacity Market Expenses 2 Sub-total \$ Commercial & Industrial Smart Start \$ C&I Customer Partnerships \$ C&I RFP Program \$	193,117	89%								
Residential  Home Energy Reports \$ Customer Engagement Platform \$ Forward Capacity Market Expenses 2 Sub-total \$ Commercial & Industrial Smart Start \$ C&I Customer Partnerships \$ C&I RFP Program \$	193,117	89%			J					
Home Energy Reports \$ Customer Engagement Platform \$ Forward Capacity Market Expenses 2 Sub-total \$ Commercial & Industrial Smart Start \$ C&I Customer Partnerships \$ C&I RFP Program \$	193,117	89%								
Customer Engagement Platform \$ Forward Capacity Market Expenses 2 Sub-total \$ Commercial & Industrial Smart Start \$ C&I Customer Partnerships \$ C&I RFP Program \$	193,117	89%								
Forward Capacity Market Expenses 2 Sub-total \$ Commercial & Industrial Smart Start \$ C&I Customer Partnerships \$ C&I RFP Program \$	/		7,980,562	22,079,554	107%	-	-	-	117,568	82%
Sub-total \$  Commercial & Industrial  Smart Start \$  C&I Customer Partnerships \$  C&I RFP Program \$	12 017	91%	-	-	-	-	-	-	-	-
Commercial & Industrial  Smart Start \$ C&I Customer Partnerships \$ C&I RFP Program \$	43,347	51%	-		-	-	-	-	-	-
Smart Start \$ C&I Customer Partnerships \$ C&I RFP Program \$	1,258,007	87%	7,980,562	22,079,554	136%	-	-	-	117,568	82%
C&I Customer Partnerships \$ C&I RFP Program \$										
C&I RFP Program \$	24,501	43%	-	_	-	-	-	-	2	-
	17,216	68%	-	_	-	-	-	-	-	-
Education	528,249	44%	3,625,832	42,201,712	81%	-	-	-	8	18%
Education	367,450	59%	-	-	-	-	-	-	-	
Customer Engagement Platform \$	289,859	91%	-	_	-	-	-	-	-	-
Large Business DR Initiative \$	385,992	154%	-	-	-	-	-	-	-	-
Forward Capacity Market Expenses <sup>2</sup> \$	79,339	41%	-	-	-	-	-	-	-	-
Sub-total \$	1,692,606	64%	3,625,832	42,201,712	81%	-	_	-	10	18%
Total Residential and C&I \$	2,950,613	77%	11,606,394	64,281,266	94%	-	-	-	117,578	82%
Gas Utilities										
Residential										
Home Energy Reports <sup>3</sup> \$	344,414	98%	-	_		16,345	51,982	135%	48,900	99%
Education \$	-	-	-			-	-	-	-	-
Sub-total \$	344,414	98%	-	-		16,345	51,982	135%	48,900	99%
Commercial & Industrial	,					-,-	,		-,	
Education \$	45,339	45%	-	-		-	-	-	-	-
Sub-total \$	45,339	45%	-	-		-	-	-	-	-
Total Residential and C&I \$	389,753	90%	-	-		16,345	51,982	135%	48,900	99%
Grand Total \$						- I				
3	3,340,366	78%	11,606,394	64,281,266	94%	16,345	51,982	135%	166,478	87%

- (1) Amounts shown above pertain only to the <u>Company-Specific</u> programs. The amounts pertaining to the <u>Statewide</u> programs are shown on page 2. Company-specific includes company-specific programs, education, forward capacity market and loan program implementation expenses.
- (2) Amounts shown are expenses related to the electric utilities' participation in ISO-NE's Forward Capacity Market. Revenues received from ISO-NE are reported on page 18.
- (3) Unitil's gas and electric HER offering was launched in the fall of 2018. Annualized savings values are still being developed by the Company and by its vendor and will be updated for the Company's annual report filing.

# Highlights Home Energy Assistance Program <sup>1</sup>

					Ele	ctric Utilities	;				Gas	Utilities		
			Liberty						Sub-total				Sub-total	Grand
Description	n		Utilities	NHEC	Е	versource		Unitil	Electric	LU Gas	ι	Jnitil Gas	Gas	Total
Program Expense:	Budget <sup>2</sup>	\$	690,348	\$ 499,416		6,015,107		980,094	\$	1,310,342		374,026	\$ 1,684,368	\$ 9,869,332
(Utility Program)	Actual	\$	701,421	\$ 529,830	\$	7,295,396	\$	1,020,067	\$ 9,546,714	\$ 1,557,664	\$	,	\$ 1,944,500	\$ 11,491,214
	Percent		102%	106%		121%		104%	117%	119%		103%	115%	116%
	. 2	١.												
Program Incentives:		\$	514,309	383,053		5,218,493		,	6,884,823			,	1,344,875	\$ 8,229,698
(Utility Program)	Actual <sup>4</sup>	\$	448,076	\$ - ,-	\$	4,975,630	\$	,	6,557,953	\$ 958,391	\$	,	\$ 1,284,269	\$ 7,842,222
	Percent		87%	84%		95%		106%	95%	90%		115%	95%	95%
Participants Served:	Goal		72	63		865		115	1,115	245		62	307	1,422
	Actual <sup>5</sup>		168	57		1,220		241	1,686	374		93	467	2,153
	Percent		234%	90%		141%		210%	151%	153%		150%	152%	151%
	recent		23470	3070		141/0		21070	15170	13370		15070	13270	131/0
Collaboration:	Actual Collaborated Funds <sup>6</sup>	\$	8,446	\$ 72,073	\$	2,223,710	\$	163,748	\$ 2,467,977	\$ 103,896	\$	27,247	\$ 131,143	\$ 2,599,120
	Total Actual Expenses (Utility + Collaboration)	\$	456,521	\$ 394,997	\$	7,199,340	\$	975,071	\$ 9,025,930	\$ 1,062,287	\$	353,125	\$ 1,415,412	\$ 10,441,342
	% of Total Actual Expenses		2%	18%		31%		17%	27%	10%		8%	9%	25%
	Collaborated Units		9	36		626		34	705	95		6	101	806
	% of Total Participants Served		5%	63%		51%		14%	42%	25%		6%	22%	37%
	% of Total Participants Served		3/0	03%		31%		1470	4270	23%		070	2270	3770
Heating Systems:	Actual Incentives	\$	91,568	\$ 102,947	\$	990,732	\$	157,137	\$ 1,342,384	\$ 330,762	\$	9,300	\$ 340,062	\$ 1,682,446
	% of HEA Utility Total Budget		13%	21%		16%		16%	16%	25%		2%	20%	17%
Dwelling Mix:														
Dwelling with.	Single Family		14	57		427		43	541	173		5	178	719
	Multi-Family		153	3,		793		452	1398	200		88	288	1686
	Total		167	57		1220		495	1939	373		93	466	2,405

- (1) Program savings results are shown on page 8.
- (2) Program budget and actual numbers are based on total expenditures.
- (3) Reflects Program "Rebates/Services" only.
- (4) Program incentives are based on the HEA tracking system and do not include items not billed in the tracking system, such as heating system incentives and quality assurance costs.
- (5) Number of Participants served by county are as follows:

	Belknap	Carroll*	Cheshire	Coos*	Grafton*	Hillsborough	Merrimack	Rockingham	Strafford	Sullivan*	Total
Electric	74	21	105	52	59	187	150	86	166	26	926
Gas	38					142	9	49	42		280
Total											1.206

<sup>\*</sup> County is not served by a gas utility

<sup>(6)</sup> Collaborated funds may include funding from numerous sources including the Department of Energy, town assistance, Community Development Block grants and also from other utilities. For example, if Eversource and Liberty Utilities-Gas worked on a joint project, Eversource includes the incentives from Liberty-Gas as part of its collaboration funds and Liberty-Gas includes incentives from Eversource as collaboration funds.

# Highlights CO<sub>2</sub> Emissions Reductions

					Electric Utilities		Gas	Utilities		Grand Total	
		CO2 Emission	CO2 Emission		Estimated CO2 I	Emissions		Estimated CO2		Estimated CO2 E	missions
		Factors	Factors	YTD	Reductions in M	etric Tons	YTD	Emissions	YTD	Reductions in Mo	etric Tons
		In lbs	In Metric Tons	Energy	All Programs	<b>RGGI Funded</b>	Energy	Reductions	Energy	All Programs	RGGI Funded
Description	Units	Per Unit <sup>1</sup>	Per Unit	Reduction	(All funding sources)	Portion	Reduction	in Metric Tons	Reduction	(All funding sources)	Portion
<u>Annual</u>											
Electricity <sup>2</sup>	MWH	1,087.000	0.4930	123,099	60,684	2,325	805	397	123,904	61,081	2,325
Natural Gas	MMBtu	117.080	0.0531	13,772	731	37	208,704	11,082	222,476	11,813	37
Distillate Fuel Oil (#1, #2 & #4)	MMBtu	161.386	0.0732	23,485	1,719	137	-	-	23,485	1,719	137
Residual Fuel Oil (#5 & #6)	MMBtu	173.906	0.0789	-	, · ·	-	-	-	-	-	-
Kerosene	MMBtu	159.535	0.0724	2,922	211	21	-	-	2,922	211	21
Propane	MMBtu	139.178	0.0631	33,656	2,124	530	-	-	33,656	2,124	530
Wood	MMBtu	-	-	3,705	-	-	-	-	3,705	-	-
Wood Pellet		-	-	-	-	-	-	-	-	-	-
Other	MMBtu	-	-	-	-	-	-	-	-	-	-
Total Annual Emissions Reductio	ns				65,470	3,051		11,479		76,949	3,051
<u>Lifetime</u>											
Electricity <sup>2</sup>	MWH	1,087.000	0.4930	1,408,116	694,159	30,373	10,784	5,316	1,418,899	699,475	30,373
Natural Gas	MMBtu	117.080	0.0531	295,441	15,687	818	3,060,928	162,528	3,356,369	178,215	818
Distillate Fuel Oil (#1, #2 & #4)	MMBtu	161.386	0.0732	490,222	35,880	2,425	-	-	490,222	35,880	2,425
Residual Fuel Oil (#5 & #6)	MMBtu	173.906	0.0789	-	-	-	-	-	-	-	-
Kerosene	MMBtu	159.535	0.0724	63,266	4,577	453	-	-	63,266	4,577	453
Propane	MMBtu	139.178	0.0631	724,971	45,760	9,015	-	-	724,971	45,760	9,015
Wood	MMBtu	-	-	77,030	-	-	-	-	77,030	-	-
Wood Pellet		-	-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-	-
Total Lifetime Emissions Reduction	ons				796,063	43,084		167,844		963,907	43,084
					<del></del>						

#### Notes:

(1) Source of CO2 Emission Factors in lbs/unit for all other fuels:

(2) Source of CO2 Emission Factors in lbs/unit for electricity:

http://www.eia.gov/electricity/annual/html/epa\_a\_03.html
Based on 2009 Greenhouse Gas Emisssions Reduction Fund Grant Guidelines for

 ${\rm CO_2}$  emission conversion factor for electrically powered equipment.

# Highlights Annual Savings by Fuel Type

					Electric	Utilities			
				Ammund BABAD	Caia.aa				Annual
		NI-AI		Annual MMB	tu Savings				kWh Savings
Program	Oil	Natural Gas	LP	Kerosene	Wood	Wood Pellet	Other	Total	Electricity
Home Energy Assistance	6,299	6,939	1,879	2,792	887		_	18,796	1,762,345
ENERGY STAR Homes	265	1,123	16,781	2,732	18	_	_	18,186	1,294,690
NH Home Performance w/Energy Star	14,975	5,067	5,538	130	2,801	_	_	28,511	1,083,911
ENERGY STAR Products	707	643	64	-	-	_	-	1,414	22,437,674
Large Business Energy Solutions	-	-	1,187	-	-	-	-	1,187	51,401,480
Small Business Energy Solutions	_	-	-	-	-	-	-	-	28,973,515
Municipal Program	1,239	-	8,209	-	-	-	-	9,447	4,539,141
Company-Specific Programs	-	-	-	-	-	-	-	-	11,606,394
Total	23,485	13,772	33,656	2,922	3,705	-	-	77,541	123,099,151
					Gas U	tilitios			
					Gas O	unues			Annual
				Annual MMB		unities			Annual kWh Savings
		Natural			tu Savings				kWh Savings
Program	Oil	Natural Gas	LP	Annual MMB		Wood Pellet	Other	Total	
	Oil -		LP -		tu Savings		Other	Total 10,208	kWh Savings
Program  Home Energy Assistance ENERGY STAR Homes	Oil - -	Gas	LP - -		tu Savings		Other - -		kWh Savings  Electricity
Home Energy Assistance	Oil - -	<b>Gas</b> 10,208	LP		tu Savings		Other - -	10,208	kWh Savings  Electricity  97,750
Home Energy Assistance ENERGY STAR Homes	Oil	<b>Gas</b> 10,208 5,770	LP		tu Savings		- -	10,208 5,770	kWh Savings  Electricity  97,750 169,766
Home Energy Assistance ENERGY STAR Homes NH Home Performance w/Energy Star	Oil	10,208 5,770 12,989	LP		tu Savings		- - -	10,208 5,770 12,989	Electricity  97,750 169,766 209,023
Home Energy Assistance ENERGY STAR Homes NH Home Performance w/Energy Star ENERGY STAR Products	Oil	10,208 5,770 12,989 26,184	LP		tu Savings		- - - -	10,208 5,770 12,989 26,184	Electricity  97,750 169,766 209,023 78,635
Home Energy Assistance ENERGY STAR Homes NH Home Performance w/Energy Star ENERGY STAR Products Large Business Energy Solutions Small Business Energy Solutions Municipal Program	Oil	10,208 5,770 12,989 26,184 98,598	LP		tu Savings		- - - -	10,208 5,770 12,989 26,184 98,598	### Savings    Flectricity   97,750   169,766   209,023   78,635   190,846
Home Energy Assistance ENERGY STAR Homes NH Home Performance w/Energy Star ENERGY STAR Products Large Business Energy Solutions Small Business Energy Solutions	Oil	10,208 5,770 12,989 26,184 98,598	LP		tu Savings		- - - - -	10,208 5,770 12,989 26,184 98,598	Electricity  97,750 169,766 209,023 78,635 190,846

# Summary of Results by Utility Statewide & Company-Specific Programs Combined <sup>1</sup>

	Liberty Utilities								
	Litilities				Sub-total			Sub-total	Grand
	Otilities	NHEC	Eversource	Unitil	Electric	LU Gas	Unitil Gas	Gas	Total
	. , ,	\$ 2,994,886	- /- /	. , ,	, ,		. , ,	. , ,	, ,
al	\$ 4,027,228	\$ 2,617,819	\$ 35,158,237	\$ 5,282,814	47,086,097	\$ 7,855,854	\$ 2,239,739	\$ 10,095,593	\$ 57,181,691
ent	99%	87%	101%	98%	100%	102%	102%	102%	100%
	26,888	129,582	218,284	54,290	429,044	41,392	12,696	54,088	483,132
al	31,712	52,456	283,244	68,511	435,922	42,984	12,991	55,975	491,897
ent	118%	40%	130%	126%	102%	104%	102%	103%	102%
	9,224,361	5,433,375	85,146,651	9,175,917	108,980,304	313,853	65,766	379,619	109,359,923
al	10,862,994	6,328,150	91,834,749	14,073,259	123,099,151	684,136	121,035	805,172	123,904,323
ent	118%	116%	108%	153%	113%	·		·	113%
	117,844,688	56,572,854	1,040,045,911	110,570,313	1,325,033,766	3,996,903	810,550	4,807,453	1,329,841,219
al	124,933,346	60,282,241	1,083,035,802	139,864,134		8,700,860	2,082,731	10,783,591	1,418,899,114
ent	106%	107%	104%	126%	106%	, ,	, ,	, ,	107%
	5.812	7.382	70.073	7.405	90.672	138.080	36.706	174.786	265,458
al	,	•	•	•	,	•	•	•	286,245
ent	98%	90%	86%	69%	86%	116%	133%	119%	108%
	126.787	150.579	1.428.716	147.906	1.853.988	2.292.942	548.096	2.841.037	4,695,025
	•	•	, ,	,	, ,	, ,	•	, ,	4,711,859
	99%	92%	90%	70%	89%	103%	130%	108%	100%
	_	3   3   4,027,228   99%   26,888   31,712   118%   118%   10,862,994   118%   117,844,688   124,933,346   106%   1   5,812   134   5,690   98%   1   126,787   124,927	\$ 4,027,228 \$ 2,617,819  beent 99% 87%    26,888	Stall         \$ 4,027,228         \$ 2,617,819         \$ 35,158,237           Seent         99%         87%         101%           I         26,888         129,582         218,284           Stall         31,712         52,456         283,244           Steent         118%         40%         130%           Stall         10,862,994         6,328,150         91,834,749           Steent         118%         116%         108%           Stall         124,933,346         60,282,241         1,083,035,802           Steent         106%         107%         104%           Stall         5,812         7,382         70,073           Stall         5,690         6,626         60,149           Steent         98%         90%         86%           Stall         126,787         150,579         1,428,716           Stall         124,927         138,520         1,283,547	Jail         \$ 4,027,228         \$ 2,617,819         \$ 35,158,237         \$ 5,282,814         \$ 99%           I         26,888         129,582         218,284         54,290           Jail         31,712         52,456         283,244         68,511           Jeent         118%         40%         130%         126%           J         9,224,361         5,433,375         85,146,651         9,175,917           J         10,862,994         6,328,150         91,834,749         14,073,259           J         118%         116%         108%         153%           J         117,844,688         56,572,854         1,040,045,911         110,570,313           J         124,933,346         60,282,241         1,083,035,802         139,864,134           J         106%         107%         104%         126%           J         5,690         6,626         60,149         5,075           J         126,787         150,579         1,428,716         147,906           J         124,927         138,520         1,283,547         103,937	Stall stall         \$ 4,027,228         \$ 2,617,819         \$ 35,158,237         \$ 5,282,814         \$ 47,086,097           Steent         99%         87%         101%         98%         100%           I         26,888         129,582         218,284         54,290         429,044           Idal         31,712         52,456         283,244         68,511         435,922           Itent         118%         40%         130%         126%         102%           Idal         9,224,361         5,433,375         85,146,651         9,175,917         108,980,304           Idal         10,862,994         6,328,150         91,834,749         14,073,259         123,099,151           Itent         118%         116%         108%         153%         113%           Idal         124,933,346         60,282,241         1,040,045,911         110,570,313         1,325,033,766           Idal         124,933,346         60,282,241         1,083,035,802         139,864,134         1,408,115,523           Idal         5,812         7,382         70,073         7,405         90,672           Idal         5,690         6,626         60,149         5,075         77,541           <	Jail Jail John Street         \$ 4,027,228 \$ 2,617,819 \$ 35,158,237 \$ 5,282,814 \$ 47,086,097 \$ 7,855,854         \$ 7,855,854 \$ 100%         \$ 100%         \$ 100%         \$ 100%         \$ 100%         \$ 100%         \$ 100%         \$ 100%         \$ 100%         \$ 100%         \$ 113,853,853 \$ 113%         \$ 113,853,853 \$ 113%         \$ 1,040,045,911 \$ 110,570,313 \$ 1,325,033,766 \$ 1,040,860         \$ 1,040,045,911 \$ 110,570,313 \$ 1,325,033,766 \$ 1,060,860         \$ 1,040,045,911 \$ 110,570,313 \$ 1,325,033,766 \$ 1,060,860         \$ 1,040,045,911 \$ 110,570,313 \$ 1,325,033,766 \$ 1,060,860         \$ 1,040,045,911 \$ 110,570,313 \$ 1,060,860         \$ 1,040,045,911 \$ 10,570,313 \$ 1,060,860	Jail cent         \$ 4,027,228         \$ 2,617,819         \$ 35,158,237         \$ 5,282,814         \$ 47,086,097         \$ 7,855,854         \$ 2,239,739           Jeent         26,888         129,582         218,284         54,290         429,044         41,392         12,696           Jal cent         31,712         52,456         283,244         68,511         435,922         42,984         12,991           Jeent         118%         40%         130%         126%         102%         104%         102%           Jeent         9,224,361         5,433,375         85,146,651         9,175,917         108,980,304         313,853         65,766           Jeent         10,862,994         6,328,150         91,834,749         14,073,259         123,099,151         684,136         121,035           Jeent         117,844,688         56,572,854         1,040,045,911         110,570,313         1,325,033,766         3,996,903         810,550           Jal         124,933,346         60,282,241         1,083,035,802         139,864,134         1,408,115,523         8,700,860         2,082,731           Jeent         5,812         7,382         70,073         7,405         90,672         159,981         48,723	Jall Sent         \$ 4,027,228         \$ 2,617,819         \$ 35,158,237         \$ 5,282,814         \$ 47,086,097         \$ 7,855,854         \$ 2,233,739         \$ 10,095,593           Sent         99%         87%         101%         98%         429,044         41,392         12,696         54,088           Jall Stall         31,712         52,456         283,244         68,511         435,922         42,984         12,991         55,975           118%         40%         130%         126%         102%         104%         102%         103%           I Joseph Jall Joseph Geron         5,433,375         85,146,651         9,175,917         108,980,304         313,853         65,766         379,619           Jual Joseph Geron         10,862,994         6,328,150         91,834,749         14,073,259         123,099,151         684,136         121,035         805,172           Jeent Joseph Geron         118%         116%         108%         153%         113%         3,996,903         810,550         4,807,453           Jual Joseph Geron         106%         107%         104%         126%         106%         2,082,731         10,783,591           Jeent Joseph Geron         106%         107%         104%         12

<sup>(1)</sup> Company-specific includes company-specific programs, education, forward capacity market and loan program implementation expenses.

# Program Results Home Energy Assistance (HEA)

				Electric Utilities				Gas Utilities		
		Liberty				Sub-total			Sub-total	Grand
Description		Utilities	NHEC	Eversource	Unitil	Electric	LU Gas	Unitil Gas	Gas	Total
D	D. J. J.	¢ 600.240 ¢	400 446	Ć 6045407 Ć	000.004	ć 0.404.0C4	¢ 4 240 242	ć 274.02 <i>C</i>	¢ 4.604.360	¢ 0.000.222
Program Expenses	Budget	\$ 690,348 \$	499,416	\$ 6,015,107 \$	,		\$ 1,310,342	. ,	\$ 1,684,368	
	Actual	\$ 701,421 \$	529,830	\$ 7,295,396 \$	,,	1 - / /	\$ 1,557,664	. ,	\$ 1,944,500	
	Percent	102%	106%	121%	104%	117%	119%	103%	115%	116%
Program Participation	Goal	72	63	865	115	1,115	245	62	307	1,422
	Actual	168	57	1,520	241	1,986	374	93	467	2,453
	Percent	234%	90%	176%	210%	178%	153%	150%	152%	172%
Annual kWh Savings	Goal	173,347	65,570	845,586	85,861	1,170,363	47,539	11,829	59,368	1,229,731
0	Actual	228,576	59,578	1,110,202	363,989	1,762,345	93,469	4,282	97,750	1,860,095
	Percent	132%	91%	131%	424%	151%		, -	,	151%
Lifetime kWh Savings	Goal	1,697,671	766,167	11,398,429	1,148,575	15,010,841	968,234	114,199	1,082,433	16,093,275
<b>0</b>	Actual	3,127,789	782,021	12,706,648	2,411,109	19,027,567	1,471,310	93,276	1,564,586	20,592,153
	Percent	184%	102%	111%	210%	127%	_,,		_,,	128%
Annual MMBtu Savings	Goal	1,998	1,774	21,015	3,103	27,890	7,637	1,947	9,584	37,474
0	Actual	599	1,456	15,387	1,354	18,796	6,986	3,222	10,208	29,004
	Percent	30%	82%	73%	44%	67%	91%	165%	107%	
Lifetime MMBtu Savings	Goal	45,207	35,336	438,475	62,053	581,070	155,507	39,470	194,976	776,047
	Actual	13,597	31,090	341,650	28,888	415,225	132,709	64,684	197,393	612,618
	Percent	30%	88%	78%	47%	71%	85%	164%	101%	•

# Program Results ENERGY STAR Homes

				<b>Electric Utilities</b>				Gas Utilities		
		Liberty				Sub-total			Sub-total	Grand
Description		Utilities	NHEC	Eversource	Unitil	Electric	LU Gas	Unitil Gas	Gas	Total
Program Expenses	Budget	\$ 185,138	\$ 246,675	\$ 2,060,103	\$ 205,783	\$ 2,697,699	\$ 421,351	\$ 191,400	\$ 612,751	\$ 3,310,450
	Actual	\$ 180,795	\$ 181,875	\$ 1,259,223	\$ 259,860	\$ 1,881,752	\$ 426,399	\$ 162,869	\$ 589,269	\$ 2,471,020
	Percent	98%	74%	61%	126%	70%	101%	85%	96%	75%
Program Participation	Goal	73	33	840	29	975	121	43	164	1,139
	Actual	40	48	404	47	539	120	53	173	712
	Percent	55%	144%	48%	162%	55%	99%	124%	106%	63%
Annual kWh Savings	Goal	329,428	65,009	989,389	65,093	1,448,919	47,701	5,443	53,144	1,502,063
	Actual	130,469	42,053	1,000,265	121,903	1,294,690	137,216	32,550	169,766	1,464,456
	Percent	40%	65%	101%	187%	89%				97%
Lifetime kWh Savings	Goal	7,935,055	1,479,559	21,530,618	1,216,159	32,161,391	1,192,524	37,535	1,230,059	33,391,450
	Actual	2,908,931	760,805	22,353,131	1,825,022	27,847,889	2,811,011	474,265	3,285,276	31,133,164
	Percent	37%	51%	104%	150%	87%				93%
Annual MMBtu Savings	Goal	1,171	559	11,505	436	13,672	2,577	1,441	4,017	17,689
_	Actual	2,621	800	14,345	420	18,186	3,961	1,808	5,770	23,956
	Percent	224%	143%	125%	96%	133%	154%	126%	144%	135%
Lifetime MMBtu Savings	Goal	29,189	13,934	270,551	10,856	324,531	64,419	35,260	99,679	424,210
	Actual	61,017	20,015	358,525	10,007	449,565	98,599	36,170	134,768	584,333
	Percent	209%	144%	133%	92%	139%	153%	103%	135%	138%

# Program Results Home Performance With ENERGY STAR (HPwES)

				Electric Utilities				Gas Utilities		
		Liberty				Sub-total			Sub-total	Grand
Description		Utilities	NHEC	Eversource	Unitil	Electric	LU Gas	Unitil Gas	Gas	Total
Program Expenses	Budget	\$ 355,054 \$	519,511	\$ 3,808,341	\$ 704,300	\$ 5,387,205	\$ 1,035,751	\$ 204,237	\$ 1,239,988	\$ 6,627,194
	Actual	\$ 314,096 \$	548,207	\$ 2,869,835	\$ 517,028	\$ 4,249,165	\$ 888,152	\$ 201,021	\$ 1,089,174	\$ 5,338,338
	Percent	88%	106%	75%	73%	79%	86%	98%	88%	81%
Program Participation	Goal	83	169	1,067	113	1,431	692	100	792	2,223
	Actual	62	140	1,211	129	1,542	643	49	692	2,234
	Percent	75%	83%	114%	114%	108%	93%	49%	87%	100%
Annual kWh Savings	Goal	87,790	166,033	587,878	89,008	930,709	177,985	24,354	202,339	1,133,048
	Actual	105,608	125,037	734,803	118,463	1,083,911	192,553	16,470	209,023	1,292,934
	Percent	120%	75%	125%	133%	116%				114%
Lifetime kWh Savings	Goal	1,327,806	2,767,602	8,769,128	1,503,708	14,368,245	1,147,065	279,720	1,426,785	15,795,030
	Actual	1,876,918	2,381,500	12,773,828	2,247,306	19,279,552	1,291,542	322,351	1,613,893	20,893,445
	Percent	141%	86%	146%	149%	134%				132%
Annual MMBtu Savings	Goal	2,452	4,506	31,408	3,291	41,658	10,825	1,655	12,480	54,138
	Actual	2,243	3,625	19,518	3,125	28,512	11,521	1,468	12,989	41,501
	Percent	91%	80%	62%	95%	68%	106%	89%	104%	77%
Lifetime MMBtu Savings	Goal	49,020	94,091	628,921	66,075	838,107	201,357	28,946	230,303	1,068,411
	Actual	46,766	76,826	415,086	62,571	601,249	206,635	31,710	238,345	839,594
	Percent	95%	82%	66%	95%	72%	103%	110%	103%	79%

# Program Results ENERGY STAR Products

				<b>Electric Utilities</b>				Gas Utilities		
		Liberty				Sub-total			Sub-total	Grand
Description		Utilities	NHEC	Eversource	Unitil	Electric	LU Gas	Unitil Gas	Gas	Total
Program Expenses	Budget	\$ 301,612	602,895	\$ 3,502,801	\$ 617,955	\$ 5,025,264	\$ 925,001	\$ 315,236	\$ 1,240,237	\$ 6,265,500
	Actual	\$ 318,393	5 527,216	\$ 4,148,857	\$ 683,755	\$ 5,678,221	\$ 919,527	\$ 390,116	\$ 1,309,643	\$ 6,987,864
	Percent	106%	87%	118%	111%	113%	99%	124%	106%	112%
Program Participation	Goal	14,459	129,153	109,066	28,092	280,769	1,470	502	1,972	282,742
	Actual	19,240	52,116	196,221	43,052	310,628	2,340	1,813	4,153	314,781
	Percent	133%	40%	180%	153%	111%	159%	361%	211%	111%
Annual kWh Savings	Goal	987,875	2,244,494	8,177,720	1,840,675	13,250,764	40,628	22,628	63,256	13,314,020
	Actual	1,459,990	3,188,195	14,988,021	2,801,468	22,437,674	38,843	39,792	78,635	22,516,309
	Percent	148%	142%	183%	152%	169%				169%
Lifetime kWh Savings	Goal	6,469,068	13,751,611	64,598,358	12,023,832	96,842,868	689,080	351,880	1,040,960	97,883,828
	Actual	9,600,983	17,964,683	107,608,330	17,553,609	152,727,604	659,932	614,688	1,274,620	154,002,224
	Percent	148%	131%	167%	146%	158%				157%
Annual MMBtu Savings	Goal	132	163	2,709	485	3,489	11,990	4,032	16,022	19,511
	Actual	171	168	898	177	1,414	17,642	8,542	26,184	27,598
	Percent	129%	103%	33%	36%	41%	147%	212%	163%	141%
Lifetime MMBtu Savings	Goal	1,886	2,279	39,246	7,122	50,533	201,701	68,316	270,017	320,550
_	Actual	2,444	2,016	9,883	2,471	16,814	285,219	144,548	429,767	446,581
	Percent	130%	88%	25%	35%	33%	141%	212%	159%	139%

# Program Results Large Business Energy Solutions

				<b>Electric Utilities</b>				Gas Utilities		
		Liberty				Sub-total			Sub-total	Grand
Description		Utilities	NHEC	Eversource	Unitil	Electric	LU Gas	Unitil Gas	Gas	Total
Program Expenses	Budget	\$ 1,231,211	. ,	. , ,		\$ 12,243,177	\$ 2,300,303	. ,	\$ 2,923,338	\$ 15,166,515
	Actual	\$ 1,152,082	\$ 226,077	\$ 9,182,961	\$ 1,333,939	\$ 11,895,060	\$ 2,131,801	\$ 618,082	\$ 2,749,882	\$ 14,644,942
	Percent	94%	59%	99%	99%	97%	93%	99%	94%	97%
Program Participation	Goal	101	24	594	59	778	94	72	166	944
,	Actual	44	14	866	24	948	72	13	85	1,033
	Percent	43%	58%	146%	41%	122%	77%	18%	51%	
Annual kWh Savings	Goal	4,717,156	1,581,542	45,645,047	4,148,221	56,091,966	_	_	_	56,091,966
Ğ	Actual	4,773,666	1,395,185	40,263,516	4,969,113	51,401,480	191,888	(1,042)	190,846	51,592,326
	Percent	101%	88%	88%	120%	92%	, , , , , , , ,	( /- /		92%
Lifetime kWh Savings	Goal	67,850,378	20,560,046	614,073,184	56,285,881	758,769,489	_	_	_	758,769,489
J	Actual	64,685,173	18,205,799	530,932,780	64,993,486	678,817,238	1,936,436	(4,123)	1,932,313	680,749,551
	Percent	95%	89%	86%	115%	89%	2,350, .50	(1)==0)	1,552,525	90%
Annual MMBtu Savings	Goal	_	_	-	_	_	65,863	16,150	82,013	82,013
	Actual	_	_	1,187	_	1,187	78,854	19,744	98,598	99,784
	Percent	-	-	-	-	-	120%	122%	•	,
Lifetime MMBtu Savings	Goal	_	_	_		_	1,155,640	236,974	1,392,613	1,392,613
Linetime iviivibtu Saviiigs	Actual		_	10,680		10,680	1,062,430	281,520	1,343,950	1,354,630
	Percent	-	-	10,080	-	ŕ	92%	119%		
	reitent	-	-	-	-	-	92%	119%	97%	97%

# Program Results Small Business Energy Solutions

				Electric Utilities				Gas Utilities		
		Liberty				Sub-total			Sub-total	Grand
Description		Utilities	NHEC	Eversource	Unitil	Electric	LU Gas	Unitil Gas	Gas	Total
Program Expenses	Budget	\$ 877,784	\$ 499,967	\$ 5,056,171	\$ 1,008,203	\$ 7,442,125	\$ 1,361,981	\$ 380,546	\$ 1,742,527	\$ 9,184,652
	Actual	\$ 966,238	\$ 336,500	\$ 6,695,055	\$ 935,895	\$ 8,933,688	\$ 1,624,732	\$ 398,640	\$ 2,023,372	\$ 10,957,060
	Percent	110%	67%	132%	93%	120%	119%	105%	116%	119%
Program Participation	Goal	95	116	753	56	1,020	771	317	1,088	2,108
	Actual	132	62	2,214	110	2,518	1,435	70	1,505	4,023
	Percent	138%	54%	294%		•		22%	138%	
Annual kWh Savings	Goal	1,986,225	1,144,704	15,162,512	2,535,530	20,828,971	_	1,512	1,512	20,830,483
	Actual	2,397,182	1,185,184	22,485,854	2,905,295	28,973,515	30,168	28,984	59,152	
	Percent	121%	104%	148%			,	20,50 !	33,132	139%
	rerecite	12170	10470	140/0	11370	13370				13370
Lifetime kWh Savings	Goal	26,723,868	15,089,568	200,792,559	32,911,026	275,517,021	-	27,216	27,216	275,544,237
	Actual	31,682,269	15,740,681	300,401,098	38,628,248	386,452,296	530,629	582,274	1,112,903	387,565,199
	Percent	119%	104%	150%	117%	140%				141%
Annual MMBtu Savings	Goal	_	-	-	-	_	31,804	8,229	40,033	40,033
	Actual	-	-	-	-	-	30,133	8,478	38,611	38,611
	Percent	-	-	-	-	-	95%	103%	96%	
Lifetime MMBtu Savings	Goal	_	_	_	_	_	486,962	130,384	617,346	617,346
	Actual	_	_	_	_	_	528,263	136,460	664,723	664,723
	Percent	_	_	_		_	108%	105%	108%	
	i ci cciit						13070	103/0	100/0	138/0

# Program Results Municipal Program

			Electric l	Util	lities		
		Liberty					Grand
Description		Utilities	NHEC	E	versource	Unitil	Total
Program Expenses	Budget	\$ 167,048	\$ 159,404	\$	1,453,179	\$ 220,642	\$ 2,000,273
	Actual	\$ 167,008	\$ 239,398	\$	1,280,296	\$ 264,183	\$ 1,950,885
	Percent	100%	150%		88%	120%	98%
Program Participation	Goal	5	24		55	26	110
	Actual	26	19		132	8	185
	Percent	488%	79%		240%	31%	168%
Annual kWh Savings	Goal	274,540	166,023		3,599,498	411,529	4,451,591
	Actual	557,503	332,918		3,205,693	443,027	4,539,141
	Percent	203%	201%		89%	108%	102%
Lifetime kWh Savings	Goal	3,849,842	2,158,302		50,768,525	5,481,132	62,257,801
	Actual	7,542,284	4,446,752		41,933,721	5,759,354	59,682,111
	Percent	196%	206%		83%	105%	96%
Annual MMBtu Savings	Goal	59	380		3,435	90	3,964
	Actual	56	577		8,815	-	9,447
	Percent	94%	152%		257%	0%	238%
Lifetime MMBtu Savings	Goal	1,485	4,939		51,523	1,800	59,746
	Actual	1,104	8,572		147,722	-	157,398
	Percent	74%	174%		287%	0%	263%

# Company-Specific Programs Liberty Utilities, Unitil and the New Hampshire Electric Cooperative

Description		Liberty Utilities Electric Home Energy Reports	Liberty Utilities Gas Home Energy Reports	New Hampshire Electric Cooperative Electric Smart Start Program Administration	Unitil <sup>1</sup> Electric Home Energy Reports	Unitil <sup>1</sup> Gas Home Energy Reports
Program Expenses	Budget	\$ 129,300	\$ 270,764	\$ 5,000	\$ 184,985	\$ 81,756
	Actual	\$ 130,923	\$ 269,738	\$ -	\$ 167,701	\$ 74,676
	Percent	101%	100%	0%	91%	91%
Program Participation	Goal	12,000	38,000	-	25,800	11,600
	Actual	12,000	38,000	2	24,900	10,900
	Percent	100%	100%	-	97%	94%
Annual kWh Savings	Goal Actual Percent	668,000 1,210,000 181%	-	- - -	917,000 2,350,000 256%	-
Lifetime kWh Savings	Goal Actual Percent	1,991,000 3,509,000 176%	-	- - -	2,423,614 6,446,000 266%	
Annual MMBtu Savings	Goal	-	7,384	-	-	3,252
	Actual	-	10,884	-	-	5,461
	Percent	-	147%	-	-	168%
Lifetime MMBtu Savings	Goal	-	27,356	-	-	8,746
	Actual	-	37,004	-	-	14,978
	Percent	-	135%	-	-	171%

# Program Results Company-Specific Programs Eversource

Description		Smart Start Program Administration	En	ustomer gagement Platform	Home Energy Reports	C&I RFP Program	C&I Customer ortnerships		Total
Program Expenses	Budget Actual Percent	\$ 52,000 \$ 24,501 47%	\$	529,692 482,977 91%	\$ 829,581 722,318 87%	\$ 1,195,561 528,249 44%	\$ 25,360 17,216 68%	\$ \$	2,632,194 1,775,261 67%
Program Participation	Goal Actual Percent	- - -		- - -	105,000 80,668 77%	44 8 18%	- - -		105,044 80,676 77%
Annual kWh Savings	Goal Actual Percent	- - -		- - -	5,933,600 4,420,562 75%	4,205,420 3,625,832 86%	- - -		10,139,020 8,046,394 79%
Lifetime kWh Savings	Goal Actual Percent	- - -		- - -	16,274,459 12,124,554 75%	51,840,651 42,201,712 81%	- - -		68,115,110 54,326,266 80%

#### **Education Programs**

					Elec	tric Utilities	;					Gas	Utilities			
			Liberty						:	Sub-total				9	Sub-total	Grand
Description		J	<b>Jtilities</b>	NHEC	E١	rersource		Unitil		Electric	LU Gas	U	nitil Gas		Gas	Total
Program Expenses																
	Budget	\$	58,373	\$ 60,494	\$	429,454	\$	70,209	\$	618,530	\$ 82,400	\$	18,370	\$	100,770	\$ 719,300
	Actual*		53,090	16,521		277,472		20,368		367,450	37,840		7,499		45,339	412,788
	Percent		91%	27%		65%		29%		59%	46%		41%		45%	57%

#### Activities

#### **Residential Programs**

January 17: Button Up Workshop, Virtual

February 1: The Home Depot, North Hampton

February 7: Button Up Workshop, Rochester March 20: NHSaves Button Up Workshop, Stratham

March 25: The Home Depot, North Conway

March 25: NH Energy Roudtable, Portsmouth

March 26: Forum: Emerging Energy Needs, Manchester

March 26: NHSaves Button Up, Keene

March 27: NH Energy Roudtable, Newport

March 28: NH Energy Breakfast

March 28: NH Energy Week Award Cememony and Reception

April 16: 2019 Residential Code Workshop Series

April 23: Residential Code Workshop

April 30: Residential Code Workshop

May 4: Souhegan Sustainability Fair

May 28-Jun 7: BPI Building Analyst Training, Lakes Region Community College

June 14: White Mountain Oil and Propane Open House

September 12: NHSaves Button Up Mason

September 16: Charge Forward EV Relay

September 21: Nottingham Earth Festival 2019

September 24: 2019 Energy Code WorkShop Series - Residential

September 24: NHSaves Button Up Claremont

September 24: NHSaves Button Up Wilton

October 1: 2019 Energy Code WorkShop Series - Residential

October 5: NHSaves Button Up Manchester

October 10: 2019 Energy Code Workshop Series - Residential

October 17: NHSaves Button Up Jaffrey

October 25: The Home Depot, Nashua

October 25 NHSaves Button Up Campton

November 20: Free Home Energy Workshop - Orange

November 20: Free Home Energy Workshop - Peterborough

December 4: Free Energy Workshop - Gilmington

#### **Commercial Programs**

February 1: Commercial Energy Efficiency Training, Keene State College

February 13: Commercial Energy Efficiency Training, Portsmouth

March 1: Commercial Energy Training, Manchester

March 13: Energy Efficiency for Water and Wastewater Facilities, Claremont

March 20: Commercial Energy Efficiency Training, Plymouth

March 18: Energy Efficiency for Water and Wastewater Facilities, Hampton

April 2: NH Energy Roundtable: Nashua

April 10: Energy Efficiency for Water and Wastewater Facilities - Waterville

April 18: Energy Efficiency for Water and Wastewater Facilities - North Conway

April 24: 2019 Commercial Code Workshop Series

May 1: New Hampshire Businesses for Social Responsibility 2019 Spring Conference

May 8: Commercial Code Workshop Series

October 8: 2019 Energy Code WorkShop Series - Commercial

October 15: 2019 Energy Code WorkShop Series - Commercial

November 13/14: Efficient Heating and Cooling for Commercial Buildling Managers November 19: Energy Efficiency for Restaurants and Hospitality

#### Forward Capacity Market (FCM) Proceeds and Expenses

					Electric U	tilit	ies				
Description			Liberty Utilities		NHEC	E	versource		Unitil		Grand Total
Estimated Annual FCM Proceeds		\$	606.853	Ś	75.000	Ś	5,834,218	Ś	650,000	\$	7,166,071
Estimated Annual FCM Expenses		\$	65,000		20,000	\$	160,000		33,490	\$	278,490
Actual FCM Proceeds											
	Qtr. 1	\$	197,933	\$	30,744	\$	1,831,730	\$	232,677	\$	2,293,085
	Qtr. 2		201,961		31,576		1,834,669		232,714		2,300,920
	Qtr. 3		169,302		39,066		1,409,858		185,029		1,803,255
	Qtr. 4		168,959		33,811		1,376,659		188,351		1,767,780
	Total	\$	738,156	\$	135,197	\$	6,452,916	\$	838,772	\$	8,165,040
Actual FCM Expenses											
Financial Assurance	Qtr. 1	\$	-	\$	-	\$	_	Ś	_	\$	_
	Qtr. 2		-	•	-		5,843		-	ľ	5,843
	Qtr. 3		-		-		-		-		-
	Qtr. 4		-		-		-		-		-
	Total	\$	-	\$	-	\$	5,843	\$	-	\$	5,843
Other	Qtr. 1	Ś	6,975	Ś	_	Ś	7,216	Ś	3,498	Ś	17,689
	Qtr. 2		23,733	•	11,857		19,438		18,808	ľ	73,836
	Qtr. 3		3,437		-		6,095		2,531		12,064
	Qtr. 4		9,036		-		3,223		1,255		13,515
	Total	\$	43,182	\$	11,857	\$	35,972	\$	26,093	\$	117,104
Total Financial Assurance	& Other	\$	43,182	\$	11,857.0	\$	41,815	\$	26,093	\$	122,946
Actual Net FCM Proceeds*		\$	694,974	\$	123,340	\$	6,411,101	\$	812,679	\$	8,042,094

<sup>\*</sup> The Statewide Electric Utilities leverage the Forward Capacity Market which provides additional energy efficiency funds to the NH Statewide energy efficiency programs. The FCM proceeds budget and actual FCM proceeds are allocated to the residential and the C&I sectors based on an estimate of each sector's contribution to peak demand reduction (approximately 30% for the Residential sector and 70% for the C&I sector). Initially approved by the Commission in its Order No. 24,930 in DE 08-130 dated January 5, 2009 (2009 Statewide Programs) and in all subsequent Statewide program Orders.

# **Expenses By Activity Residential Programs**

						Ele	ctric Utilities	5						Gas	Utilities				
			Liberty							,	Sub-total						Sub-total		Grand
Description		l (	Utilities		NHEC	E	versource		Unitil		Electric		LU Gas	U	Initil Gas		Gas		Total
Home Energy	Internal Admin	\$	50,253	\$	34,378	\$	103,406	\$	82,231	\$	270,268	\$	48,868	\$	38,222	\$	87,090	\$	357,358
Assistance	External Admin		-		7,494		-		1,120		8,614		-		1,147		1,147		9,761
	Rebate/Services		565,423		423,481		6,643,780		811,323		8,444,007		1,355,932		325,878		1,681,810		10,125,817
	Implementation Services		42,819		41,073		208,715		65,690		358,297		51,740		1,848		53,588		411,885
	Marketing		11,171		8,336		100,351		30,859		150,717		43,777		6,194		49,971		200,688
	EM&V		31,755		15,067		239,145		28,844		314,811		57,347		13,546		70,893		385,704
	Total	\$	701,421	\$	529,830	\$	7,295,396	\$	1,020,067	\$	9,546,714	\$	1,557,664	\$	386,836	\$	1,944,500	\$	11,491,214
			<u> </u>		· · · · · · · · · · · · · · · · · · ·		• •					Ť	, ,		· · · · · · · · · · · · · · · · · · ·				, ,
ENERGY STAR Homes	Internal Admin	\$	8,705	\$	11,234	\$	35,415	\$	17,240	\$	72,594	\$	10,008	\$	19,560	\$	29,569	\$	102,162
	External Admin		-		1,799		-		215		2,014		-		587		587		2,601
	Rebate/Services		150,661		125,464		961,151		208,801		1,446,077		369,177		129,555		498,732		1,944,809
	Implementation Services		9,305		35,427		94,463		22,378		161,574		14,140		3,760		17,899		179,473
	Marketing		3,608		3,784		96,178		5,494		109,064		14,243		3,425		17,669		126,733
	EM&V		8,516		4,166		72,016		5,732		90,429		18,831		5,982		24,813		115,243
	Total	\$	180,795	\$	181,875	\$	1,259,223	\$	259,860	\$	1,881,752	\$	426,399	\$	162,869	\$	589,269	\$	2,471,020
HP w/ENERGY STAR	Internal Admin	\$	26,828	\$	34,936	\$	65,469	\$	59,111	\$	186,345	\$	7,071	\$	20,866	\$	27,937	\$	214,282
	External Admin		-		10,513		16		902		11,431		-		627		627		12,058
	Rebate/Services		241,239		407,689		2,233,939		330,142		3,213,010		770,798		160,144		930,942		4,143,952
	Implementation Services		21,122		68,595		199,863		96,031		385,612		24,444		8,195		32,639		418,251
	Marketing		8,574		11,200		208,545		12,190		240,509		39,549		4,483		44,032		284,541
	EM&V		16,332		15,274		162,002		18,650		212,258		46,290		6,706		52,996		265,254
	Total	\$	314,096	\$	548,207	\$	2,869,835	\$	517,028	\$	4,249,165	\$	888,152	\$	201,021	\$	1,089,174	\$	5,338,338
51/50 OV 6740 D		_		_	22.242		60.017	_	<b>54 000</b>	_	454.000		27.000	_	20.000	_		_	202 222
ENERGY STAR Products	Internal Admin	\$	6,141	\$	32,848	\$	60,217	\$	51,802	\$	151,008	\$	37,898	Ş	20,026	\$	57,924	\$	208,932
	External Admin		-		4,705		-		659		5,364		-		979		979		6,343
	Rebate/Services		278,041		374,165		3,757,297		556,166		4,965,668		769,368		338,573		1,107,940		6,073,609
	Implementation Services		14,850		93,167		72,219		43,494		223,731		31,228		9,863		41,092		264,822
	Marketing		5,759		10,149		136,676		15,771		168,354		39,692		10,816		50,508		218,862
	EM&V	L.	13,602	-	12,182		122,449		15,863		164,096	L.,	41,341		9,859		51,200	L.	215,296
	Total	\$	318,393	\$	527,216	\$	4,148,857	\$	683,755	\$	5,678,221	\$	919,527	\$	390,116	\$	1,309,643	\$	6,987,864

# Expenses by Activity Residential Programs (Continued)

				Elec	tric Utilitie	s				Ga	s Utilities			
		Liberty						Sub-total				:	Sub-total	Grand
Descript	ion	Utilities	NHEC	E۱	versource		Unitil	Electric	LU Gas	ı	Unitil Gas		Gas	Total
Other*	Internal Admin	\$ 3,643	\$ 254	\$	18,729	\$	5,369	\$ 27,995	\$ 13,190	\$	599	\$	13,790	\$ 41,784
	External Admin	8	-		-		4,795	4,803	\$ -		11		11	4,814
	Rebate/Services	117,595	-		821,827		153,533	1,092,955	\$ 235,701		67,633		303,334	1,396,289
	Implementation Services	5,229	-		32,431		11,160	48,820	\$ 9,375		5,512		14,887	63,707
	Marketing	2,055	-		14,557		-	16,612	\$ 3,913		-		3,913	20,525
	EM&V	20,962	3,405		40,417		2,039	66,823	\$ 7,559		920		8,479	75,302
	Total	\$ 149,492	\$ 3,659	\$	927,960	\$	176,896	\$ 1,258,007	\$ 269,738	\$	74,676	\$	344,414	\$ 1,602,421
Total Residential	Internal Admin	\$ 95,569	\$ 113,651	\$	283,236	\$	215,753	\$ 708,209	\$ 117,036	\$	99,273	\$	216,310	\$ 924,518
	External Admin	8	24,511		16		7,692	32,226	-		3,351		3,351	35,578
	Rebate/Services	1,352,960	1,330,799	1	.4,417,993		2,059,965	19,161,718	3,500,975		1,021,783		4,522,759	23,684,476
	Implementation Services	93,326	238,263		607,691		238,753	1,178,033	130,927		29,179		160,106	1,338,139
	Marketing	31,167	33,468		556,306		64,315	685,255	141,175		24,918		166,093	851,348
	EM&V	91,167	50,094		636,028		71,128	848,417	171,368		37,014		208,382	1,056,799
	Total	\$ 1,664,196	\$ 1,790,786	\$1	.6,501,271	\$	2,657,605	\$ 22,613,858	\$ 4,061,481	\$	1,215,519	\$	5,277,000	\$ 27,890,858
Total %	Internal Admin	5.7%	6.3%		1.7%		8.1%	3.1%	2.9%		8.2%		4.1%	3.3%
	External Admin	0.0%	1.4%		0.0%		0.3%	0.1%	0.0%		0.3%		0.1%	0.1%
	Rebate/Services	81.3%	74.3%		87.4%		77.5%	84.7%	86.2%		84.1%		85.7%	84.9%
	Implementation Services	5.6%	13.3%		3.7%		9.0%	5.2%	3.2%		2.4%		3.0%	4.8%
	Marketing	1.9%	1.9%		3.4%		2.4%	3.0%	3.5%		2.0%		3.1%	3.1%
	EM&V	5.5%	2.8%		3.9%		2.7%	3.8%	4.2%		3.0%		3.9%	3.8%
	Total	100.0%	100.0%		100.0%		100.0%	100.0%	100.0%		100.0%		100.0%	100.0%

<sup>\*</sup> Other includes company-specific programs, education, forward capacity market and loan program implementation expenses.

# Expenses by Activity C&I and Municipal Programs

				Ele	ctric Utilities	5				Gas	Utilities			
		Liberty						Sub-total				,	Sub-total	Grand
		Utilities	NHEC	Е	versource		Unitil	Electric	LU Gas	U	Initil Gas		Gas	Total
Large Business Energy	Internal Admin	\$ 13,725	\$ 14,049	\$	164,827	\$	120,208	\$ 312,810	\$ 31,315	\$	72,194	\$	103,509	\$ 416,319
Solutions	External Admin	-	2,012		-		1,744	3,756	-		2,029		2,029	5,785
	Rebate/Services	971,547	165,827		7,866,127		1,025,011	10,028,512	1,760,857		479,208		2,240,065	12,268,577
	Implementation Services	96,800	35,079		493,695		125,283	750,856	164,821		37,618		202,439	953,295
	Marketing	14,281	3,901		326,332		23,861	368,375	73,693		11,139		84,832	453,206
	EM&V	55,729	5,210		331,981		37,833	430,752	101,114		15,894		117,009	547,760
	Total	\$ 1,152,082	\$ 226,077	\$	9,182,961	\$	1,333,939	\$ 11,895,060	\$ 2,131,801	\$	618,082	\$	2,749,882	\$ 14,644,942
Small Business Energy	Internal Admin	\$ 12,184	\$ 20,996	\$	89,831	\$	89,587	\$ 212,598	\$ 17,317	\$	44,096	\$	61,413	\$ 274,011
Solutions	External Admin	-	3,007		-		1,088	4,095	-		1,189		1,189	5,284
	Rebate/Services	821,551	249,869		5,711,312		725,141	7,507,874	1,407,116		304,997		1,712,112	9,219,986
	Implementation Services	78,833	49,012		530,052		74,667	732,564	88,244		26,539		114,783	847,347
	Marketing	13,939	5,830		180,607		17,800	218,176	52,187		10,270		62,457	280,633
	EM&V	39,731	7,786		183,253		27,612	258,382	59,868		11,550		71,418	329,800
	Total	\$ 966,238	\$ 336,500	\$	6,695,055	\$	935,895	\$ 8,933,688	\$ 1,624,732	\$	398,640	\$	2,023,372	\$ 10,957,060
Municipal	Internal Admin	\$ 2,481	\$ 15,158	\$	25,818	\$	21,354	\$ 64,810	\$ -	\$	-	\$	-	\$ 64,810
	External Admin	-	2,171		-		179	2,350	-		-		-	2,350
	Rebate/Services	140,284	185,168		1,129,544		189,740	1,644,736	-		-		-	1,644,736
	Implementation Services	14,508	26,543		21,006		43,617	105,674	-		-		-	105,674
	Marketing	2,174	4,736		50,381		487	57,779	-		-		-	57,779
	EM&V	7,561	5,621		53,548		8,806	75,536	-		-		-	75,536
	Total	\$ 167,008	\$ 239,398	\$	1,280,296	\$	264,183	\$ 1,950,885	\$ -	\$	-	\$	-	\$ 1,950,885
Other*	Internal Admin	\$ 2,226	\$ 1,678	\$	42,324	\$	5,686	\$ 51,914	\$ 2,714	\$	-	\$	2,714	\$ 54,628
	External Admin	-	155		6,813		11,212	18,180	-		-		-	18,180
	Rebate/Services	40,710	13,720		1,180,634		45,885	1,280,949	25,545		-		25,545	1,306,494
	Implementation Services	7,650	355		68,215		21,890	98,110	4,437		5,404		9,840	107,950
	Marketing	438	803		93,085		3,305	97,631	1,162		2,095		3,257	100,888
	EM&V	26,678	8,347		107,583		3,213	145,821	3,982		-		3,982	149,804
	Total	\$ 77,703	\$ 25,058	\$	1,498,654	\$	91,191	\$ 1,692,606	\$ 37,840	\$	7,499	\$	45,339	\$ 1,737,945

<sup>\*</sup> Other includes company-specific programs, education, forward capacity market and loan program implementation expenses.

Expenses by Activity
C&I and Municipal Program Total and Grand Total (Residential, C&I and Municipal)

				Elect	ric Utilities	;					Gas	Utilities				
		Liberty						Sub-total					9	Sub-total	(	Grand
		Utilities	NHEC	Eve	ersource		Unitil	Electric		LU Gas	ι	Jnitil Gas		Gas		Total
Total C&I and	Internal Admin	\$ 30,616	\$ 51,880	\$	322,800	\$	236,835	\$ 642,132	\$	51,347	\$	116,290	\$	167,637	\$	809,769
Municipal	External Admin	-	7,346		6,813		14,223	28,382		-		3,218		3,218		31,600
	Rebate/Services	1,974,092	614,584	15	5,887,617		1,985,778	20,462,071		3,193,517		784,204		3,977,722	24	1,439,793
	Implementation Services	197,792	110,988	1	1,112,967		265,457	1,687,204		257,502		69,560		327,062	2	2,014,266
	Marketing	30,833	15,269		650,405		45,453	741,960		127,042		23,504		150,546		892,506
	EM&V	129,699	26,964		676,365		77,463	910,491		164,965		27,444		192,409		L,102,900
	Total	\$ 2,363,032	\$ 827,033	\$ 18	8,656,966	\$	2,625,209	\$ 24,472,240	\$	3,794,373	\$	1,024,220	\$	4,818,593	\$ 29	9,290,833
Total C&I and	Internal Admin	1.3%	6.3%		1.7%		9.0%	2.6%		1.4%		11.4%		3.5%		2.8%
Municipal %	External Admin	0.0%	0.9%		0.0%		0.5%	0.1%		0.0%		0.3%		0.1%		0.1%
	Rebate/Services	83.5%	74.3%		85.2%		75.6%	83.6%		84.2%		76.6%		82.5%		83.4%
	Implementation Services	8.4%	13.4%		6.0%		10.1%	6.9%		6.8%		6.8%		6.8%		6.9%
	Marketing	1.3%	1.8%		3.5%		1.7%	3.0%		3.3%		2.3%		3.1%		3.0%
	EM&V	5.5%	3.3%		3.6%		3.0%	3.7%		4.3%		2.7%		4.0%		3.8%
	Total	100.0%	100.0%		100.0%		100.0%	100.0%		100.0%		100.0%		100.0%		100.0%
Grand Total	Internal Admin	\$ 126,185	\$ 165,531	\$	606,036	\$	452,588	\$ 1,350,340	\$	168,383	\$	215,564	\$	383,947	\$ 1	L,734,287
(Residential,	External Admin	8	31,857		6,829		21,915	60,608	-	-		6,569		6,569		67,177
C&I and Municipal)	Rebate/Services	3,327,052	1,945,384	30	0,305,610		4,045,743	39,623,789		6,694,493		1,805,987		8,500,480	48	3,124,269
, ,	Implementation Services	291,117	349,251	1	1,720,658		504,210	2,865,237		388,429		98,739		487,168	3	3,352,405
	Marketing	62,000	48,738	2	1,206,711		109,767	1,427,216		268,217		48,422		316,638	1	L,743,854
	EM&V	220,866	77,058	2	1,312,393		148,591	1,758,908		336,333		64,458		400,791	2	2,159,699
	Total	\$ 4,027,228	\$ 2,617,819	\$ 35	5,158,237	\$	5,282,814	\$ 47,086,097	\$	7,855,854	\$	2,239,739	\$ :	10,095,593	\$ 57	7,181,690
Grand Total	Internal Admin	3.1%	6.3%		1.7%		8.6%	2.9%		2.1%		9.6%		3.8%		3.0%
%	External Admin	0.0%	1.2%		0.0%		0.4%	0.1%		0.0%		0.3%		0.1%		0.1%
(Residential,	Rebate/Services	82.6%	74.3%		86.2%		76.6%	84.2%		85.2%		80.6%		84.2%		84.2%
C&I and Municipal)	Implementation Services	7.2%	13.3%		4.9%		9.5%	6.1%		4.9%		4.4%		4.8%		5.9%
	Marketing	1.5%	1.9%		3.4%		2.1%	3.0%		3.4%		2.2%		3.1%		3.0%
	EM&V	5.5%	2.9%		3.7%		2.8%	3.7%		4.3%		2.9%		4.0%		3.8%
	Total	100.0%	100.0%		100.0%		100.0%	100.0%		100.0%		100.0%		100.0%		100.0%

### Evaluation, Monitoring and Verification (EM&V)

				Electric Utilities									Gas	Utilities			
Lib			iberty								Sub-total				S	Sub-total	Grand
Description		Ut	tilities		NHEC		Eversource		Unitil		Electric	LU Gas	ι	Jnitil Gas		Gas	Total
Program Expenses	Budget	\$	260,878	\$	134,707	\$	1,732,353	\$	279,647	\$	2,407,586	\$ 385,395	\$	109,652	\$	495,047	\$ 2,902,633
	Actual	\$	220,866	\$	77,058	\$	1,312,393	\$	148,591	\$	1,758,908	\$ 336,333	\$	64,458	\$	400,791	\$ 2,159,699
	Percent		85%		57%		76%		53%		73%	87%		59%		81%	74%

### Notes:

- (1) The Evaluation, Monitoring and Verification budget is based on 5% of the annual Statewide Energy Efficiency Program budget.
- (2) The actual EM&V expenses for each program are included in the expense totals reported for each program.

Status of EM&V Studies:	Est. Cost	Vendor	Status
Treat/Otter Auditing/Tracking Software	\$150,000	PSD	Annual cost billed monthly
NEEP/CEE Regional/National M&E:	\$100,000	NEEP	Ongoing
- EM&V 2.0 - Advanced Data Collection & Data Analytics		NEEP	Ongoing thru 2019
Small Business Lighting - Impact Evaluation	\$180,000	DNV-GL	Completed: Q2 2018
NE Avoided Energy Supply Cost Study (2018)	\$58,338	Synapse Energy Economics, Inc.	Completed: Q2 2018
Energy Star Products RFP	\$245,660	The Cadmus Group LLC	Completed: Q3 2018
Home Energy Assistance Impact, Process, and Low-Income NEI Evaluation	\$284,737	Opinion Dynamics Corporation	ECD: Q1 2020
Home Performance with Energy Star Impact and Process Evaluation	\$247,718	Opinion Dynamics Corporation	ECD: Q1 2020
Non-Lighting Impact and Process Evaluation for Multiple C&I Programs	\$393,720	Cadmus	Completed: Q4 2019
Crosscutting Non-Energy Impacts Study	\$130,000	DNV-GL	ECD: Q1 2020
Energy Efficiency Market Assessment	\$274,655	Navigant	Completed Q1 2019
Cost-Effectiveness Review (joint with Benefit-Cost Working Group)	\$88,700	Synapse Energy Economics, Inc.	Completed: Q3 2019
Energy Optimization Review (joint with Benefit-Cost Working Group)	\$77,890	Navigant	Completed: Q3 2019
C&I Demand Response Pilot Evaluation	NH cost is TBD, est. approx. \$20,000 of the \$387,000 total for MA, CT & NH		ECD for report on Summer DR program: Q1 2020
Energy Efficiency Potential Study Bill & Rate Impacts Analysis	\$880,000 \$97,000	Dunsky Synapse Energy Economics, Inc.	ECD: Q2 2020 ECD: Q2 2020

Evaluations available at: <a href="http://www.puc.state.nh.us/Electric/Monitoring%20and%20Evaluation%20Reports/Monitoring Evaluation Report List.htm">http://www.puc.state.nh.us/Electric/Monitoring%20and%20Evaluation%20Reports/Monitoring Evaluation Report List.htm</a>

# On - Bill Financing (OBF)

					Electri	ic Util	lities				Gas U	tilitie	S
			Liberty										
Description			Utilities		NHEC	Ev	ersource		Unitil		LU Gas	U	nitil Gas
Amount Available to Loan													
		,	452.000	,	206 004	<u>,</u>	600,000	,	4 475 250	,	075 000	<u>,</u>	02.000
On - Bill Financing <sup>1</sup>		\$	453,000	\$	296,084		690,000	\$	1,175,250	۶	875,000	\$	83,000
Less: Loans	. ,		542,642		596,580		1,545,351		1,410,199		25,728		7,766
Plus: Loan Payments Rece			431,080		529,043		1,393,220		1,111,618		435		1,042
Less Bad Debt (\$ Written 0	JIT)		22,178	_			-		75,622	l —			-
Current Balance			319,259		228,547		537,869		801,047		849,707		76,277
Less: Loans in Process			-		49,236		-		24,434		-		-
Less: Potential Loans			-		-		20,000		-		-		-
Amount Available to Loan		\$	319,259	\$	179,311	\$	517,869	\$	776,613	\$	849,707	\$	76,277
Maximum Loans and Maximum Term	1												
Residential	Maximum Loan	\$	2,000	\$	4,000	\$	2,000	\$	4,000	\$	7,500	\$	7,500
	Maximum Term		2 years		4 years		2 years		4 years		4 years		4 years
Municipal and C&I <sup>2</sup>	Maximum Loan	\$	50,000	\$	_	Ś	20,000	\$	50,000	Ś	50,000	\$	50,000
Wallielpar and Car	Maximum Term		10 years		Smart Start	Ψ	N/A	Y	10 years		5 years	Ÿ	5 years
	Waxing Term		10 / 0015		Sinare Stare		14//		10 years		3 years		3 years
Year-to-date Project Financing Inform	nation												
Residential	No. of Projects Financed		2		14		33		10		11		3
	Average Loan Amount	\$	1,821	\$	2,650	\$	1,907	\$	3,206	\$	2,339	\$	2,589
	-												
Municipal and C&I <sup>2</sup>	No. of Projects Financed		2		_		-		3		_		-
İ '	Average Loan Amount		16,042		N/A		N/A		9,422		N/A		N/A
	-		•		•		•		•		•		•

- (1) Includes funds from a RGGI-funded grant awarded to the Electric Utilities in 2009 and Statewide Energy Efficiency Program funds.
- (2) Not applicable to the NHEC. Utilize SmartStart Loan Program.

#### **Smart Start Program**

Description			NHEC	ı	Eversource
Year-to-Date Amount Available to Loa	n				
Loan Fund Bal		\$	713,199	ς	517,820
Less: Year-to-		Y	44,770	Ţ	985,420
	payments (excluding reserve for bad debt)		87,568		865,955
Current Balance		\$	755,997	ς	398,355
Less: Loans in		Ψ	-	Ţ	-
Less: Potentia			_		_
	Committed Loans		_		2,138,176
Add: Anticipa	ted Loan Repayments Thru Year End		_		-
Amount Availa	• •	\$	755,997	\$	(1,739,821)
Year-to-Date Reserve for Bad Debt (U	ncollectibles)				
Initial Balance	·	Not	Applicable	\$	43,749
Plus: Bad Deb			-	7	40,188
Less: Bad Deb			_		15,900
Ending Balanc	-	\$	-	\$	68,036
Year-to-date Administrative and Imple	ementation Expenses <sup>3</sup>	\$	-	\$	28,934
Year-to-date Payments to Contractors	Supporting Customer Projects	\$	44,770	\$	457,673
Year-to-date Performance Incentive <sup>4</sup>		Not	Applicable	\$	51,957
Year-to-date Project Financing Inform	ation				
Municipal and	C&I 5 No. of Projects Financed		2		19
	Total Loan Amount	\$	44,770	\$	985,420
	Average Loan Amount	\$	22,385	\$	51,864
	Lifetime kWh Savings <sup>6</sup>		1,150,555		15,977,702
	Lifetime MMBTU Savings <sup>6</sup>		-		-
	Lifetime kWh Savings <sup>7</sup>		-		_
	Lifetime MMBTU Savings <sup>7</sup>		_		_
	Lifetime Electric Bill Savings	\$	184,089	\$	231,710

- (1) As of January 1, 2018.
- (2) 5% of the loan amount is reserved for uncollectibles.
- (3) Eversource's Annual Budget: \$52,000 (see page 16).
- (4) The performance incentive is based on 6% of the loan repayments.
- (5) C&I not applicable to Eversource; Municipal only.
- (6) Also reported in the applicable C&I program report.
- (7) Incremental savings also reported on Company Specific Programs (see page 15)

# Residential Third Party Financing Option Funded Through the Statewide Programs

	Electric Utilities					Gas Utilities												
		iberty								ub-total						-total		Grand
Description	U	tilities	ı	NHEC	E	versource		Unitil	E	lectric		LU Gas	ı	Unitil Gas	G	Gas		Total
Amount Available for Interest Rate Buy-Downs																		
Budget	ć	5,791	¢	15,000	¢	31,188	¢	4,000	¢	55,979	¢	7,964	¢	3,500	¢	11,464	ć	67,443
Less: Interest Rate Buy-Downs Paid	Ś	2,794		5,417		22,825		4,000		31,504			\$	5,178		5,178		36,682
Remaining Budget	\$	2,997	_	9,583	_	8,362		3,533		24,475		7,964		(1,678)		6,286		30,761
Less: Potential Interest Rate Buy-Downs <sup>1</sup>	ç	677		1,264		1,571		-	¢	3,512		85			\$	85	¢	3,598
Amount Available for Interest Rate Buy-Downs	Ś	2,320		8,319	_	6,792	_	3,533	\$		\$	7,879		(1,678)		6,201	\$	27,163
Amount Available for interest face buy bowns		2,320	Υ	0,313	Υ	0,732	7	3,333	Υ	20,303	7	7,073	Υ	(1,070)	<u> </u>	0,201	7	27,103
Year-to-date Project Loan Information																		
No. of Projects Financed		7		5		28		1		41		-		7		7		48
Total Project Cost <sup>2</sup>	\$	72,609	\$	65,509	\$	326,916	\$	8,405	\$	473,439	\$	-	\$	60,430	\$	60,430	\$	533,869
Average Project Cost <sup>2</sup>	Ś	10,373		13,102		11,676		8,405		11,547		_	·	8,633	Ś	8,633		11,122
	T .		*	,	7	,-,-	7	-,	*	,				2,222	*	-,	7	,
Total Loan Amount	\$	38,585	\$	43,917	\$	199,087	\$	4,977	\$	286,566	\$	-	\$	53,261	\$	53,261	\$	339,827
Average Loan Amount	\$	5,512	\$	8,783	\$	7,110	\$	4,977	\$	6,989		-	\$	7,609	\$	7,609	\$	7,080
Average Loan Term (years)		3.2		5.8		4.6		4.0		4.5		-		4.6		4.6		4.5
Total Interest Rate Buy-Down Amount	\$	2,794		5,147		22,825		467		31,234	\$	-	\$	5,178		5,178		36,412
Average Interest Rate Buy-Down Amount	\$	399	\$	1,029	\$	815	\$	467	\$	762		-	\$	740	\$	740	\$	759
Average Gross Interest Rate		6.28%		6.52%		6.49%		6.49%		6.46%		-		6.06%		6.06%		6.40%
Average Customer Interest Rate		2.00%		2.00%		2.00%		2.00%		2.00%		-		2.00%		2.00%		2.00%
Average Sq. Footage of Home (HPwES Projects)		1,764		2,100		1,855		3,500		1,909								1,631
Average 34. Poolage of Home (HFWE3 Projects)		1,704		2,100		1,033		3,300		1,505		-		-		-		1,031
Total Estimated Annual Space Heating Energy Savings (MMBtu) <sup>3</sup>		309		281		1,108		30		1,728				_		_		1,728
Average Estimated Annual Space Heating Energy Savings (MMBtu)		44		56		40		-		42				_		_		36
Average Estimated Annual Space Heating Energy Savings (WIVIDIA)		77		50		40				72								30
No. of Loan Write-offs		-		_		_		-		-		-		-		-		-
Total Loan Write-off Amount	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	9	\$ -	\$	-	\$	-
Pre-paid Interest Rate Buy-Down Amount	Ι΄				•						ĺ		,	•			Ĭ	
Associated with Loan Write-off	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	ç	\$ -	\$	-	\$	-

- (1) Includes utility and customer costs.
- (2) Also reported in the applicable Residential program reports. Includes space heating savings associated with all fuel sources.

Electric Programs
Actual Participants Served, Program Expenses, Lifetime kWh and MMBtu Savings

	LU El	ectric	NH	IEC	Evers	ource	Unitil I	Electric	To	tal
Home Energy Assistance Number of Units / Lifetime kWh Savings	168	3,127,789	57	782,021	1,520	12,706,648	241	2,411,109	1,986	19,027,567
Expenses / Lifetime MMBtu Savings	\$701,421	13,597	\$529,830	31,090	\$7,295,396	341,650	\$1,020,067	28,888	\$9,546,714	415,225
Home Performance w/ENERGY STAR  Number of Rebates / Lifetime kWh Savings  Expenses / Lifetime MMBtu Savings	62 \$314,096	1,876,918 46,766	140 \$548,207	2,381,500 76,826	1,211 \$2,869,835	12,773,828 415,086	129 \$517,028	2,247,306 62,571	1,542 \$4,249,165	19,279,552 601,249
ENERGY STAR Homes Number of Homes / Lifetime kWh Savings Expenses / Lifetime MMBtu Savings	40 \$180,795	2,908,931 61,017	48 \$181,875	760,805 20,015	404 \$1,259,223	22,353,131 358,525	47 \$259,860	1,825,022 10,007	539 \$1,881,752	27,847,889 449,565
ENERGY STAR Products Number of Rebates / Lifetime kWh Savings Expenses / Lifetime MMBtu Savings	19,240 \$318,393	9,600,983 2,444	52,116 \$527,216	17,964,683 2,016	196,221 \$4,148,857	107,608,330 9,883	43,052 \$683,755	17,553,609 2,471	310,628 \$5,678,221	152,727,604 16,814
Large Business Energy Solutions Number of Participants / Lifetime kWh Savings Expenses / Lifetime MMBtu Savings	44 \$1,152,082	64,685,173 0	14 \$226,077	18,205,799 0	866 \$9,182,961	530,932,780 10,680	24 \$1,333,939	64,993,486 0	948 \$11,895,060	678,817,238 10,680
Small Business Energy Solutions Number of Participants / Lifetime kWh Savings Expenses / Lifetime MMBtu Savings	132 \$966,238	31,682,269 0	62 \$336,500	15,740,681 0	2,214 \$6,695,055	300,401,098 0	110 \$935,895	38,628,248 0	2,518 \$8,933,688	386,452,296 0
Municipal Program  Number of Participants / Lifetime kWh Savings  Expenses / Lifetime MMBtu Savings	26 \$167,008	7,542,284 1,104	19 \$239,398	4,446,752 8,572	132 \$1,280,296	41,933,721 147,722	8 \$264,183	5,759,354 0	185 \$1,950,885	59,682,111 157,398
Educational Programs Expenses	\$53,090		\$16,521		\$277,472		\$20,368		\$367,450	
Company Specific Programs / FCM Expenses Number of Participants / Lifetime kWh Savings Expenses / Lifetime MMBtu Savings	12,000 \$174,105	3,509,000 0	0 \$12,196	0 0	80,676 \$2,124,642	54,326,266 0	24,900 \$193,794	6,446,000 0	117,576 \$2,504,737	64,281,266 0
Smart Start (NHEC/PSNH), RLF (UES) Expenses	\$0		\$0		\$24,501		\$0		\$24,501	
Total Program Expenses	\$4,027,228		\$2,617,819		\$35,158,237		\$5,228,889		\$47,032,172	

#### 4th Quarter Report January 2019 - December 2019 Electric Programs

### Actual Participants Served, Program Expenses, Lifetime kWh and MMBtu Savings

#### (System Benefits Charge, Forward Capacity Market and Interest Funds Only) \*

	LU El	ectric	NI	HEC	Evers	ource	Unitil I	Electric	То	tal
Home Energy Assistance Number of Units / Lifetime kWh Savings Expenses / Lifetime MMBtu Savings	151 \$628,560	2,802,885 12,185	50 \$467,834	690,516 27,452	1,367 \$6,562,675	11,430,442 307,336	217 \$919,581	2,173,593 26,042	1,785 \$8,578,650	17,097,436 373,015
Home Performance w/ENERGY STAR  Number of Rebates / Lifetime kWh Savings  Expenses / Lifetime MMBtu Savings	62 \$314,096	1,876,918 46,766	140 \$548,207	2,381,500 76,826	1,211 \$2,869,835	12,773,828 415,086	129 \$517,028	2,247,306 62,571	1,520 \$4,249,165	20,311,566 615,500
ENERGY STAR Homes Number of Homes / Lifetime kWh Savings Expenses / Lifetime MMBtu Savings	40 \$180,795	2,908,931 61,017	48 \$181,875	760,805 20,015	404 \$1,259,223	22,353,131 358,525	47 \$259,860	1,825,022 10,007	539 \$1,881,752	27,847,889 449,565
ENERGY STAR Products  Number of Rebates / Lifetime kWh Savings  Expenses / Lifetime MMBtu Savings	19,240 \$318,393	9,600,983 2,444	52,116 \$527,216	17,964,683 2,016	196,221 \$4,148,857	107,608,330 9,883	43,052 \$683,755	17,553,609 2,471	291,432 \$5,678,221	207,811,794 14,371
Large Business Energy Solutions Number of Participants / Lifetime kWh Savings Expenses / Lifetime MMBtu Savings	44 \$1,152,082	64,685,173 0	14 \$226,077	18,205,799 0	866 \$9,182,961	530,932,780 10,680	24 \$1,333,939	64,993,486 0	1,036 \$11,895,060	645,814,334 10,680
Small Business Energy Solutions Number of Participants / Lifetime kWh Savings Expenses / Lifetime MMBtu Savings	132 \$966,238	31,682,269 0	62 \$336,500	15,740,681 0	2,214 \$6,695,055	300,401,098 0	110 \$935,895	38,628,248 0	2,518 \$8,933,688	386,452,296 0
Municipal Program  Number of Participants / Lifetime kWh Savings  Expenses / Lifetime MMBtu Savings	0 \$0	0 0	0 \$0	0 0	0 \$0	0 0	0 \$0	0 0	0 \$0	0 0
Educational Programs Expenses	\$53,090		\$16,521		\$277,472		\$20,368		\$367,450	
Company Specific Programs / FCM Expenses Number of Participants / Lifetime kWh Savings Expenses / Lifetime MMBtu Savings	12,000 \$174,105	3,509,000 0	0 \$12,196	0 0	80,676 \$2,124,642	54,326,266 0	24,900 \$193,794	6,446,000 0	117,576 \$2,504,737	64,281,266 0
Smart Start (NHEC/PSNH), RLF (UES) Expenses	\$0		\$0		\$24,501		\$0		\$24,501	
Total Program Expenses	\$3,787,359		\$2,316,425		\$33,145,220		\$4,864,220		\$44,113,223	

<sup>\*</sup>Allocation is based on actual RGGI proceeds apportioned to the HEA and Municipal Programs. Municipal Programs include carryovers.

### 4th Quarter Report January 2019 - December 2019 Electric Programs

#### Actual Participants Served, Program Expenses, Lifetime kWh and MMBtu Savings

#### (Energy Efficiency Fund Only - Regional Greenhouse Gas Initiative) \*

	LU El	ectric	NHEC		Evers	ource	Unitil I	Electric	Total		
Home Energy Assistance Number of Units / Lifetime kWh Savings Expenses / Lifetime MMBtu Savings	17	324,904	7	91,505	153	1,276,206	24	237,516	201	1,930,130	
	\$72,861	1,412	\$61,996	3,638	\$732,721	34,314	\$100,486	2,846	\$968,064	42,210	
Municipal Program  Number of Participants / Lifetime kWh Savings Expenses / Lifetime MMBtu Savings	26	7,542,284	19	4,446,752	132	41,933,721	8	5,759,354	185	59,682,111	
	\$167,008	1,104	\$239,398	8,572	\$1,280,296	147,722	\$264,183	0	\$1,950,885	157,398	
Total Program Expenses	\$239,870		\$301,393		\$2,013,017		\$364,669		\$2,918,949		

<sup>\*</sup>Allocation is based on actual RGGI proceeds apportioned to the HEA and Municipal Programs. Municipal Programs include carryovers.

Gas Programs
Actual Participants Served, Program Expenses, Lifetime kWh and MMBtu Savings

	LU-	Gas	Uniti	l-Gas	To	tal
Home Energy Assistance						
Number of Units	374		93		467	
Expenses / Lifetime MMBtu Savings	\$1,557,664	132,709	\$386,836	64,684	\$1,944,500	197,393
Home Performance w/ENERGY STAR						
Number of Units	643		49		692	
Expenses / Lifetime MMBtu Savings	\$888,152	206,635	\$201,021	31,710	\$1,089,174	238,345
ENERGY STAR Homes						
Number of Homes	120		53		173	
Expenses / Lifetime MMBtu Savings	\$426,399	98,599	\$162,869	36,170	\$589,269	134,768
ENERGY STAR Products						
Number of Rebates	2,340		1,813		4,153	
Expenses / Lifetime MMBtu Savings	\$919,527	285,219	\$390,116	144,548	\$1,309,643	429,767
Large Business Energy Solutions						
Number of Participants	72		13		85	
Expenses / Lifetime MMBtu Savings	\$2,131,801	1,062,430	\$618,082	281,520	\$2,749,882	1,343,950
Small Business Energy Solutions						
Number of Participants	1,435		70		1,505	
Expenses / Lifetime MMBtu Savings	\$1,624,732	528,263	\$398,640	136,460	\$2,023,372	664,723
Educational Programs						
Expenses	\$37,840		\$7,499		\$45,339	
Company Specific Programs / FCM Expenses						
Number of Participants	38,000		24,900		62,900	
Expenses / Lifetime MMBtu Savings	\$269,738	37,004	\$74,676	0	\$344,414	37,004
Total Program Expenses	\$7,855,854		\$2,239,739		\$10,095,593	

### **Demand Reduction Initiative**

			Electric	Util	lities		
Description			ersource	rsource Unitil			Grand Total
Program Expenses	Budget Actual Percent	\$	250,000 332,067 133%	\$ \$	90,000 53,925 60%	\$ \$	340,000 385,992 114%

# Notes:

1) A detailed description of the Demand Reduction Initiative is included in the 2020 Demand Reduction Initiatives Supplemental Information filing dated February 28, 2020. That filing provides detailed background information about the program as well as the estimated savings resulting from of the 2019 initiative.