

ATTACHMENTS

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

**Date Request Received: March 11, 2022
Data Request No. DOE 1-016**

**Date of Response: March 25, 2022
Page 1 of 1**

Request from: Department of Energy

Request:

All: Refer to Bates pp. 554 and 555, line 6, RSA 125-O:5-a Funding. Please explain the total funding for all of the utilities combined for this funding and where all the utilities have accounted for this funding. Please show how the revenues for this funding will be collected including the SBC rate or other funding source and any applicable calculations, including the live spreadsheets.

Response:

As specified in HB 549, "Up to \$400,000 of system benefits charge funds collected annually shall be used to promulgate the benefits of energy efficiency according to guidelines developed as specified in RSA 125-O:5-a, I(c) as determined by the department of energy." \$400,000 was set aside in both 2022 and 2023 from the SBC revenue forecast for this purpose. Each Electric Utility's sales forecast was used to determine the allocations. Please refer to Attachment DOE 1-016 for an Excel calculation of the annual amount.

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Attachment DOE 1-016
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Utility	Share of Forecast Statewide Sales		Utility Allocation	
	2022	2023	2022	2023
Eversource Electric	72.6%	72.7%	\$ 290,311.93	\$ 290,745.70
Liberty Electric	8.7%	8.8%	\$ 34,978.18	\$ 35,398.83
NH Electric Cooperative	7.5%	7.4%	\$ 29,995.79	\$ 29,522.22
Unitil Energy Systems	11.2%	11.1%	\$ 44,714.10	\$ 44,333.25
Total	100.0%	100.0%	\$ 400,000.00	\$ 400,000.00

Public Service Company of New Hampshire d/b/a Eversource Energy
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Date Request Received: March 25, 2022
Data Request No. DOE 2-002

Date of Response: April 04, 2022
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Request from: Department of Energy

Request:

Reference EE Plan at Bates 65 where, in Section 3.4.2 it states that NH Utilities plan to utilize a maximum HEA Program rebate per project of \$15,000. Please respond to the following:

- a) What is the current maximum project rebate level and that for each of the prior 3 program years 2019, 2020, 2021?
- b) What specific decision criteria will be used by an “implementation supervisor” to make a determination about exceeding the \$15,000 project limit?
- c) Is the “implementation supervisor” an employee of one of the NHSaves sponsoring utilities? An employee of a program implementation contractor? Please clarify.

Response:

- a. In November 2021, in response to PUC Order 26,553, the project cap was adjusted to \$8,000, which remains in effect today. The cost of replacing heating systems is included within the cap.

In program year 2019, the maximum project rebate level was \$8,000. If additional cost-effective weatherization work was identified for the residence, it would often need to be deferred to the next program year if the limited amount of available federal Weatherization Assistance Program (“WAP”) funding could not cover it. At that time, heating systems were excluded from the project cap calculation. If a heating system replacement was recommended as part of the project, the cost of the replacement was considered separately from the weatherization project cost. Each utility allowed for up to 25% of the HEA budget to be used for heating systems. Heating system spending could be approved above the project cap after reviewing the work scope, cost, project needs, energy savings, and taking into account portfolio cost-effectiveness.

Program year 2020 began under the same framework as 2019, but in May of 2020 the project cap was adjusted to \$20,000. With the adjustment to the higher rebate limit, the cost of heating system replacements moved to be included within the project cap rather than being assessed separately. This approach was less administratively burdensome and allowed for the interactive effects of the weatherization and heating system to be included, providing more

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Date Request Received: March 25, 2022
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accurate energy savings. It also provided a more consistent and clear policy for both Community Action Agencies (“CAAs”) and utility staff.

The \$20,000 cap helped to account for, and was responsive to, increases in material and labor costs and was consistent with a program approach that focuses on serving an income-eligible customer fully with a comprehensive set of measures during a single project. It also minimized the need to break projects up and go back for additional cost-effective work in a subsequent program year, or the potential to leave some measures undone altogether. The increased \$20,000 cap also ensured that the opportunity to provide cost-effective insulation or a heating system was not lost due to a conservative spending cap.

In addition, a utility supervisor could, on a case-by-case basis, approve work above the \$20,000 project cap after reviewing the work scope, cost, project needs, energy savings, and taking into account portfolio cost-effectiveness.

For program year 2021, the cap remained at \$20,000 until November 2021, when the project cap was adjusted to \$8,000 in response to PUC Order 26,553. Heating systems continue to be included within the cap, which creates a limiting effect on the amount of weatherization available to income-eligible customers that are in need of a heating system.

- b. If additional cost-effective work can be performed within a given residence that would exceed the \$15,000 limit, based on the CAA recommendation including review of any Weatherization Assistance Project (“WAP”) funding, then the project will be escalated to a utility supervisor on a case-by-case basis to review the work scope, cost, project needs, energy savings and cost-effectiveness of the proposed measures to determine if the exception is justifiable in the event that there is available budget.

- c. The implementation supervisor is always an employee of one of the NHSaves Utilities.

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Docket No. DE 20-092

Date Request Received: April 07, 2022
Data Request No. TS 1-002

Date of Response: April 12, 2022
Page 1 of 1

Request from: Department of Energy

Request:

Please refer to data response to DOE 1-016. Please explain how each electric utility accounted for its share of the \$400,000, of systems benefit charges identified in HB-549 to “promulgate the benefits of energy efficiency” including an explanation of whether the funding was included in the total program budgets, whether the funding was included in the performance incentive calculation, and how it is accounted for in the SBC calculations. If helpful, please provide updated tables or spreadsheets that explicitly show how each utility’s share of the \$400,000 was accounted for.

Response:

The Electric Utilities accounted for their share of the \$400,000 of systems benefit charges identified in HB-549 to “promulgate the benefits of energy efficiency” by reducing the amount of funding available for their total program budgets. Since this share of the \$400,000 is excluded from the total program budgets, it is not included in the performance incentive calculation.

For a demonstration of how this accounted for in the SBC calculations, please refer to the following for each Electric Utility.

- Eversource: Please refer to Attachment E3 in the March 1, 2022 Plan Filing. In the Energy Efficiency Expense & SBC Revenue Reconciliation attachments, the company’s share of the \$400,000 (\$290,311.93 for 2022 and \$290,745.70 for 2023) is delineated in line 6 as RSA 125-O:5-a Funding. The amount for Program Expenses in line 7 is the remainder of what is used in the planned program budgets.
- Liberty: Please refer to Page 3 in Attachment DOE 1-007.
- NHEC: Please refer to Line 7 on Pages 2 and 3 in NHEC Attachment TS 1-002. The amounts shown on Line 7 represent the amounts NHEC set aside from the 2022 and 2023 funding for the Company’s allocation of the \$400,000. The actual amounts NHEC anticipates allocating are \$29,995.79 in 2022 and \$29,522.22 in 2023, as depicted in Attachment DOE 1-016.
- Unitil: Please refer to DOE 1-012 Attachment 1-UES. In UES’ Energy Efficiency Expense & SBC Revenue Reconciliation attachments, its share of the \$400,000 is delineated in line 2 as RSA 125-O:5-a Funding. The amount for Program Expenses in line 3 is the remainder of what is used in the planned program budgets. Line 3 includes program costs as well as projected performance incentives.

New Hampshire Electric Cooperative, Inc.
2022-2023 System Benefits Charge ("SBC") Calculation
 (\$ in 000's)

Year	EE Total Budget	RGGI Revenues	FCM Revenues	Carryforward with Interest	SBC Requirement	Forecasted Distribution (MWH)	2022		2023		SBC Rate EAP Portion (cents/kWh)	2022		2023	
							Jan-Feb SBC Rate EE Portion (cents/kWh)	Mar-Dec SBC Rate EE Portion (cents/kWh)	Jan-Dec SBC Rate EE Portion (cents/kWh)	Jan-Feb Total SBC Rate (cents/kWh)		Mar-Dec Total SBC Rate (cents/kWh)	Jan-Dec Total SBC Rate (cents/kWh)		
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N		
2022	\$ 5,713	\$ 207	\$ 100	\$ 1,532	\$ 3,873	\$ 786,599	\$ 0.373	\$ 0.528		\$ 0.150	\$ 0.523	\$ 0.678			
2023	\$ 4,507	\$ 207	\$ 100	\$ -	\$ 4,199	\$ 777,382			\$ 0.543	\$ 0.150			\$ 0.693		

Col. A: Effective year
 Col. B: Budget Projections
 Col. C: Budget Projections
 Col. D: Budget Projections
 Col. E: Budget Projections
 Col. F: Col. B - Col. C - Col. D - Col. E
 Col. G: Company Forecast
 Col. H: (Col. H / Col. I) x 100
 Col. K: EAP Portion of SBC Rate
 Col. M: Col. J + Col. K

New Hampshire Electric Cooperative, Inc.
Energy Efficiency Expense & SBC Revenue Reconciliation
January 1, 2022 to December 31, 2022
 (\$ in 000's)

Line	Description	Carryover 12/31/21	Forecast Jan 2022	Forecast Feb 2022	Forecast Mar 2022	Forecast Apr 2022	Forecast May 2022	Forecast June 2022	Forecast Jul 2022	Forecast Aug 2022	Forecast Sep 2022	Forecast Oct 2022	Forecast Nov 2022	Forecast Dec 2022	2022 Total
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O
1	KWh Sales	1,532	324	295	357	345	272	282	358	352	363	287	285	378	3,896
2	RGGI Revenues		17	17	17	17	17	17	17	17	17	17	17	17	207
3	FCM Revenues		8	8	8	8	8	8	8	8	8	8	8	8	100
4	Total Revenues		349	320	383	370	297	308	383	377	388	312	311	403	4,203
5	Program Expenses		476	476	476	476	476	476	476	476	476	476	476	476	5,713
6	Total Program Expenses		476	476	476	476	476	476	476	476	476	476	476	476	5,713
7	HB 549 EE Education Allocation		2	2	2	2	2	2	2	2	2	2	2	2	23
8	Current Month Over/(Under) Recovery		(128)	(157)	(95)	(108)	(181)	(170)	(94)	(101)	(90)	(166)	(167)	(75)	
9	Cummulative Over/(Under) Recovery	1,532	1,404	1,246	1,151	1,043	863	692	598	497	407	242	75	(0)	
12	Interest @ Prime Rate		0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	
13	Interest		4	4	3	3	3	2	2	1	1	1	0	0	24
14	Monthly Sales (MWh)		86,829	79,055	67,616	65,290	51,453	53,394	67,784	66,601	68,721	54,318	54,018	71,520	786,599
15	EE SBC Rate		0.373	0.373	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	

Line 1: (Line 14 x Line 15) / 100
 Line 2: Page 1, Col. C
 Line 3: Page 1, Col. D
 Line 4: Sum of Lines 1 through Lines 3
 Line 5: Page 1, Col. B
 Line 6: Sum of Line 5
 Line 7: HB 549 EE Education Allocation
 Line 8: Line 4 - Line 6 - Line 7
 Line 9: Prior month Line 8 + Current month Line 9
 Line 12: Prime Rate / 12
 Line 13: (Prior Month Line 8 + Current Month Line 8) / 2 x Line 11
 Line 14: Company Forecast
 Line 15: Page 1, Col. J/K

New Hampshire Electric Cooperative, Inc.
 Energy Efficiency Expense & SBC Revenue Reconciliation
 January 1, 2023 to December 31, 2023
 (\$ in 000's)

Line	Description	Carryover 12/31/22	Forecast Jan 2023	Forecast Feb 2023	Forecast Mar 2023	Forecast Apr 2023	Forecast May 2023	Forecast June 2023	Forecast Jul 2023	Forecast Aug 2023	Forecast Sep 2023	Forecast Oct 2023	Forecast Nov 2023	Forecast Dec 2023	2023 Total
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O
1	kWh Sales	-	466	424	363	350	276	287	364	357	369	291	290	384	4,221
2	RGGI Revenues		17	17	17	17	17	17	17	17	17	17	17	17	207
3	FCM Revenues		8	8	8	8	8	8	8	8	8	8	8	8	100
4	Total Revenues		492	450	388	376	302	312	389	383	394	317	316	409	4,529
5	Program Expenses		376	376	376	376	376	376	376	376	376	376	376	376	4,507
6	Total Program Expenses		376	376	376	376	376	376	376	376	376	376	376	376	4,507
7	HB 549 EE Education Allocation		2	2	2	2	2	2	2	2	2	2	2	2	22
8	Current Month Over/(Under) Recovery		114	72	11	(1)	(76)	(65)	12	6	17	(60)	(62)	32	
9	Cummulative Over/(Under) Recovery	-	114	187	198	196	121	55	67	73	90	30	(32)	(0)	
12	Interest @ Prime Rate		0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	0.27%	
13	Interest		0	0	1	1	0	0	0	0	0	0	(0)	(0)	3
14	Monthly Sales (MWh)		85,812	78,129	66,824	64,525	50,851	52,768	66,990	65,820	67,916	53,682	53,385	70,682	777,382
15	EE SBC Rate		0.543	0.543	0.543	0.543	0.543	0.543	0.543	0.543	0.543	0.543	0.543	0.543	

Line 1: (Line 14 x Line 15) / 100
 Line 2: Page 1, Col. C
 Line 3: Page 1, Col. D
 Line 4: Sum of Lines 1 through Lines 3
 Line 5: Page 1, Col. B
 Line 6: Sum of Line 6
 Line 7: HB 549 EE Education Allocation
 Line 8: Line 4 - Line 6 - Line 7
 Line 11: Line 9 - Line 10
 Line 12: Prime Rate / 12
 Line 13: (Prior Month Line 8 + Current Month Line 8) / 2 x Line 11
 Line 14: Company Forecast
 Line 15: Page 1, Col. J/K

Bill Impacts of Changes in System Benefits Charge - New Hampshire Electric Cooperative, Inc.

	2021	Jan-Feb 2022	Mar-Dec 2022	2023
System Benefits Charge (\$/kWh)	\$ 0.00678	\$ 0.00523	0.00678	0.00693
<u>Bill per month, including NHEC default energy service</u>				
Residential Rate B (625 kWh/month)	\$ 124.33	\$ 123.36	\$ 124.33	\$ 124.42
Commercial B3, three-phase service (<50 kW, 10,000 kWh/month)	\$ 1,766.24	\$ 1,750.74	\$ 1,766.24	\$ 1,767.74
<u>Change from previous rate level - \$ per month</u>				
Residential Rate B (625 kWh/month)		\$ (0.97)	\$ 0.97	\$ 0.09
General Service Rate G, three-phase service (40 kW, 10,000 kWh/month)		\$ (15.50)	\$ 15.50	\$ 1.50
<u>Change from previous rate level - %</u>				
Residential Rate B (625 kWh/month)		-0.8%	0.8%	0.1%
General Service Rate G, three-phase service (40 kW, 10,000 kWh/month)		-0.9%	0.9%	0.1%