



73 W Brook Street
Manchester, NH 03101

Kate W. Peters

Manager, Regulatory, Planning and Evaluation
Energy Efficiency

603-634-3112
603-634-2449 fax
katherine.peters@eversource.com

June 1, 2020

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

Craig A. Wright
Director, Air Resources Division
New Hampshire Department of Environmental Services
29 Hazen Drive, P O Box 95
Concord, New Hampshire 03302-0095

Re: RSA 125-O:5, 2019 Compliance Report

Dear Directors Howland and Wright,

In accordance with RSA 125-O:5, Public Service Company of New Hampshire d/b/a Eversource Energy (“Eversource” or the “Company”) is required to submit a report to the Commission and the Department of Environmental Services in any year that the company utilizes system benefits charge funds set aside under the provisions of RSA 125-O:5 for energy efficiency projects at facilities owned and operated by the Company.

As approved by the Commission in its secretarial letter dated November 4, 2010 in Docket No. DE 09-170, if unencumbered energy efficiency funds remain at the end of a program year, the two percent set aside calculation found in RSA 125-O:5 is to be based on the lesser of: 1) up to two percent of the actual energy efficiency program system benefits charge funds collected in the prior program year based on Eversource’s actual delivered kilowatt-hour sales; or 2) the amount needed to result in a \$600,000 year-end balance cap. Eversource will not set aside any unencumbered funds from program year 2019.

2019 Project – Bow Central Warehouse

In 2019, the Company undertook an energy efficiency project at its Bow Central Warehouse located at 722 River Road in Bow. The project retrofit a total of 377 existing fluorescent fixtures with 259 LED fixtures, with controls installed on 65 of the fixtures. This project will reduce the lighting energy by 101,435 kWh per year. The replacement LED luminaires have superior lighting characteristics over the old fluorescent and metal halide fixtures, being not only significantly more efficient, but brighter as well, with a more even distribution of light. This will also aid in worker safety and security at night.

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Measures Installed Included:

- 63 LED Highbay fixtures with occupancy
- 114 LED strip fixtures
- 45 LED Recessed troffers
- 7 LED surface mounted fixtures
- 28 LED wallpacks and flood lights
- 2 LED Area lights

Total Project Cost - \$88,300
Less Unutilized EE Incentive - \$24,405
Eversource Payment - \$63,895

Annual kWh savings – 101,435
Lifetime kWh savings – 1,219,994
Benefit Cost Ratio – 1.53

This project provides better quality work lighting in the garage bays and other areas of the facility. Coupling the LED lighting with occupancy sensors is particularly important for energy savings, as all of the bays are not typically occupied at the same time. The upgrades significantly reduced the number of light fixtures while maintaining the prior light levels, thus reducing energy use significantly with no impact on productivity or safety.

As shown in the table below, the beginning balance in 2019 was \$433,638 and the ending balance was \$369,743. Eversource will pursue additional energy efficiency projects in company facilities to utilize these funds.

	2019
Beginning Balance	\$433,638
+ 2019 2% Set Aside for Projects at Eversource's Facilities	\$0
- Cost of Projects at Eversource's Facilities	\$63,895
2019 Year End Balance	\$369,743

Please let us know if there are any questions related to this project or the fund maintained under RSA 125-O:5.

Sincerely,

Kate W. Peters
Manager, Regulatory, Planning and Evaluation
Energy Efficiency

cc: DE 17-136 Service List (by electronic mail only)

		<u>PY2019</u>
A	Starting Balance/carryover	\$ 684,753.00
B	SBC for EE Collected	\$ 28,129,559.42
B1	RGGI Funding	\$ 1,393,748.85
C	SO2 Proceeds or Other	
D	FCM Included for EE (Net of FCM Expenses)	\$ 6,452,742.52
E	Interest	\$ 456,157.00
F	Net Transfers of Funds Into or (Out) of EE	
G	Funds for EE Programs [= Rows A + B + C + D + E + F]	\$ 37,116,960.79
H	Spent on EE Programs	\$35,158,063
I	Performance Incentive (2019 estimate in December)	\$ 2,189,255.00
J	Performance Incentive (2018 true-up, booked in 2019)	\$ (203,823.00)
K	Performance Incentive (2019 true-up, booked in 2020)	\$ 171,583.00
L	Eversource Facilities Expenses in 2019	\$ 63,895.00
M	Eversource Facilities Funds Set Aside from 2018	\$ (430,738.00)
N	Unencumbered Funds [= Row G - H - I]	\$ 168,725.43
O	Maximum possible set aside (= 2% of SBC collections)	\$562,591
P	Amount PSNH will set aside	\$0
Q	Carryover [= Row N - P]	\$ 168,725.43