

**STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION**

IR 22-042

ELECTRIC AND GAS UTILITIES

Investigation of Energy Efficiency Planning, Programming, and Evaluation

Procedural Order Re: Record Requests


The Commission requests Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty, New Hampshire Electric Cooperative, Inc., Public Service Company of New Hampshire d/b/a Eversource Energy, Unitil Energy Systems, Inc., Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty, and Northern Utilities, Inc. (together, the Joint Utilities) to respond to the following record requests pertaining to the reporting requirement submissions received on August 1, 2022, August 31, 2022, and November 30, 2022 per Order No. 26,621 (April 29, 2022) and subsequent procedural orders. These questions are intended to be clarifying in nature, and written responses will avoid convening a Commission attended technical session relating to these topics. Responses are requested in writing. All written responses are requested by the close of business on Friday, December 30, 2022:

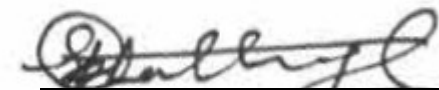
- I. The Granite State Test, the Total Resource Cost Test, and Discount rates:** The Commission wants to better understand the assumptions and parameters used to estimate the energy efficiency savings generated by each program of the Energy Efficiency Program.
 - 1.** *Refer to Benefit Cost Model, (IR 22-042 2021 ACTUAL BC Model - Eversource NH), worksheet "1. Att E1 Cost Eff", columns F (Total Resource Cost Test Benefits) and G (Granite State Test Benefits). Please confirm whether each respective benefits column includes the following customer benefits:*
 - i.** Participant avoided energy cost.
 - ii.** Participant avoided distribution cost.
 - iii.** Participant avoided transmission cost.
 - iv.** Non-participant avoided energy cost.

- v. Non-participant avoided distribution cost.
 - vi. Non-participant avoided transmission cost.
2. Commission advisors aggregated program-level data from each individual utility's benefit-cost models and used that to calculate the percentage of the total energy benefits and the percentage of the total benefits under the Granite State Test attributable to each end-use category. The Joint Utilities are requested to validate or otherwise comment on whether the following summation of data accurately represents the percentage of electric energy savings and benefits under the Granite State Test derived from each identified end-use category.

End Use Categories	End Use % of Total Electric Benefits (\$)	End Use % of Total Benefits (Granite State Test)
Lighting	67.18%	33.52%
HVAC	11.26%	17.96%
Envelope	6.58%	32.49%
Process	3.50%	2.42%
Compressed Air	3.48%	1.94%
Custom Measures	2.67%	6.13%
Refrigeration	2.01%	1.13%
Hot Water	1.39%	2.86%
Motors/Drives	1.36%	0.76%
Food Service	0.29%	0.42%
Behavior	0.29%	0.27%
Non-Energy Saving	0.00%	0.09%
Grand Total	100.00%	100.00%

So ordered, this eighth day of December, 2022.


Daniel C. Goldner
Chairman


Pradip K. Chattopadhyay
Commissioner

Service List - Docket Related

Docket#: 22-042

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