

**STATE OF NEW HAMPSHIRE
BEFORE THE
PUBLIC UTILITIES COMMISSION**

Docket No. DE 17-___

**LIBERTY UTILITIES (GRANITE STATE ELECTRIC) CORP.
d/b/a LIBERTY UTILITIES**

Petition to Approve Battery Storage Pilot Program

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities (the “Company” or “Liberty”), through counsel, respectfully petitions the New Hampshire Public Utilities Commission to approve a pilot program by which the Company will buy and install batteries and related equipment for up to 1,000 residential customers with the goals of saving transmission costs and studying other potential system benefits.

In support of this petition, the Company states as follows:

1. Liberty serves approximately 44,000 electric distribution customers in the Upper Valley and in the southern region of the state. In its efforts to save costs and simultaneously build a more resilient and modern distribution system, the Company proposes in this filing a battery storage pilot program.

2. Specifically, Liberty is requesting that the Commission approve the following:

- a. The Company’s purchase of up to 1,000 batteries and related equipment to be installed at participating customers’ homes;
- b. A monthly charge on participating customers to defray some of the costs for the battery storage systems;
- c. The inclusion of the Company’s investments in rate base in its next rate case filing;
- d. A time-of-use rate for customers who participate in the battery storage pilot; and

e. Any other necessary approvals to implement the pilot.

3. In support of this petition, the Company is filing the Testimony of Heather M. Tebbetts, with an attached schedule HMT-1 (calculation of illustrative rates) and Appendix 1 (a business plan prepared by a consultant that is assisting the Company with the pilot).

WHEREFORE, Liberty respectfully asks that the Commission:

- A. Approve the Company's proposed battery storage pilot program as described in Ms. Tebbetts' testimony;
- B. Grant such other relief as is just and reasonable and consistent with the public interest.

Respectfully submitted,
Liberty Utilities (Granite State Electric) Corp. d/b/a
Liberty Utilities



Date: November 30, 2017

By: _____
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Certificate of Service

I hereby certify that on November 30, 2017, a copy of this petition has been forwarded to the Office of Consumer Advocate.



By: _____
Michael J. Sheehan