

STATE OF NEW HAMPSHIRE  
before the  
PUBLIC UTILITIES COMMISSION

Public Service Company of New Hampshire  
Request for Permanent Distribution Rates Change  
Docket No. DE 13-\_\_\_\_

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE'S**  
**PETITION TO AMEND RATE EOL TO INCLUDE**  
**LIGHT EMITTING DIODE TECHNOLOGY**

Pursuant to N.H. Code Admin. Rule Puc 202.01 and Puc 203.06, Public Service Company of New Hampshire ("PSNH" or "the Company") hereby petitions the Commission to permit the inclusion of light emitting diode ("LED") technology under the Company's Rate EOL and to implement a new rate structure for LED lighting options. In support of this Petition, PSNH states as follows:

1. Presently, PSNH's Rate EOL is an unmetered rate for street lighting service that is available to federal, state, county, municipal and other governmental entities. To qualify for the rate, customers on Rate EOL have agreed to convert all of their roadway and area lighting to either high pressure sodium ("HPS") or metal halide ("MH") and to pay PSNH the remaining unexpired life of all existing fixtures and brackets and the installed cost of new HPS or MH fixtures and brackets placed in service. Also, the tariff covering Rate EOL includes a fixed monthly distribution rate per fixture and the monthly kWh per luminaire assumed for billing purposes. Transmission, Stranded Cost Recovery, System Benefits, Electricity Consumption Tax and energy service charges are calculated by multiplying the monthly kWh per luminaire by the applicable charge.

2. In the Settlement on PSNH's distribution rates approved in Docket No. DE 09-035, PSNH agreed to monitor developments in LED technology. As a result of the Company's

review, PSNH has determined that offering an LED option under Rate EOL may provide customers with opportunities for energy savings while improving overall lighting quality. Further, PSNH believes that offering an LED lighting service option is consistent with PSNH's commitments to assist customers in managing their cost of electricity, to support energy-efficient initiatives, and to support New Hampshire's clean energy goals.

3. As stated in the accompanying testimony of Charles Goodwin, PSNH is proposing to allow customers availing themselves of the LED option to select from an accepted list of available LED products. Once the customer has selected a product that suits its needs, PSNH will confirm that the desired products are safe, and compatible with existing equipment before installation. Customers assume the responsibility for providing replacement fixtures, when needed, to replace LED fixtures that fail or are damaged, but PSNH would be responsible for all installation and maintenance of the LED lights.

4. In addition to including LED lighting as an option under Rate EOL, PSNH is proposing a new rate design to accommodate the numerous types of LED light options presently available. In that PSNH is proposing a new rate, PSNH hereby states that approving this rate would be in conformance with PSNH's least cost integrated resource plan most recently filed and found adequate by the Commission.

5. Because PSNH is still determining what further changes to its systems are required to implement this rate, PSNH believes that it will require several months to begin implementation. Accordingly, PSNH is requesting that, if possible, the Commission issue an order approving the new offering and rate on or by December 1, 2013, so that the new offering and rate may be implemented on January 1, 2014. If the Commission does not issue an order by

December 1, 2013, PSNH requests that the Commission approve an implementation date 30 days from the date of any order.

WHEREFORE, for the reasons stated above, and in the attached testimony, PSNH respectfully requests that the Commission:

- A. Approve the addition of LED lighting to PSNH's Rate EOL by December 1, 2013;
- B. Approve the proposed rate structure applicable to LED lighting; and
- C. Grant such further relief as is just and equitable.

Respectfully submitted,

Public Service Company of New Hampshire

By Its Attorneys

Dated: 8/28/13

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