

November 20, 2017

VIA HAND DELIVERY AND ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

**RE: Docket 4628 – National Grid’s Company-Owned LED Street Lighting Proposal
November 2017 Quarterly Report**

Dear Ms. Massaro:

Pursuant to the Public Utilities Commission’s (PUC) Order No. 22672 in Docket No. 4628, National Grid¹ submits this quarterly report to update the PUC and the Division of Public Utilities and Carriers (Division) regarding the Company-Owned LED Street Lighting Proposal.

1. LED Street Light Conversions

As of November 13, 2017, 16 municipalities have purchased their street lighting equipment, which represents 42% of the total municipalities served by National Grid. National Grid has not received notification of any additional LED conversions since the August 2017 report in this docket. Accordingly, a total of four of the municipalities who have purchased their street lighting equipment have reported the conversion of the existing street lights to LED fixtures, which represents 11% of the total municipalities served by National Grid. The total number of street lights in Rhode Island exchanged for LED fixtures is approximately 26,745, which represents 53% of the total customer-owned unmetered street and area lights.

Specifically, Barrington has converted 95% of its town-owned street lights to LED fixtures (1,703 lights); Bristol has converted 92% of its town-owned street lights to LED fixtures (2,040 lights); Cranston has converted 73% of its city-owned street lights to LED fixtures (9,509 lights); and Providence has converted 80% of its city-owned street lights to LED fixtures (13,494 lights).

To date, no Company-owned street lights have been converted to LED fixtures. However, National Grid is currently working with two municipalities on a cost-savings analysis for LED conversions.

¹ The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

2. Pilot Metering Program

National Grid completed the laboratory testing (Stage 1-Phase 1) and field testing (Stage 1-Phase 2) in the Proceeding to Establish a Pilot Metering Program for Municipal-Owned Streetlights in Docket No. 4513 between July and early September 2017. Since then, National Grid has assembled, reviewed, and analyzed the results and is currently in the process of finalizing a final report to submit to the PUC. Additionally, National Grid has completed the unmetered vs. metered billing analysis (Stage 2-Phase 2). The final report will include the results of all testing, observations of the technology, and recommendations. The project team is submitting the final report to the PUC on November 21, 2017.

3. LED Conversion Cap

To date, the Division has not notified National Grid of any complaints regarding the 10% LED conversion cap.

Thank you for your attention to this matter. If you have any questions, please contact me at 401-784-7415.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'RH', followed by a long horizontal flourish.

Robert J. Humm

cc: Docket 4628 Service List
Leo Wold, Esq.
Steve Scialabba, Division