

August 18, 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
August 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 August 14, 2017, 16 municipalities have purchased their street lighting equipment, which represents 42 percent of the total municipalities served by National Grid. National Grid has not received notification of any additional LED conversions since the May 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 percent 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 percent of the total customer-owned unmetered street and area lights.

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

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

2. Pilot Metering Program

National Grid has completed 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. The data is being packaged by the vendors to complete data analysis of the findings from both testing scenarios. After National Grid has received and analyzed the data from the vendors, it will prepare a report summarizing the findings for Stage 1 of the project, which will incorporate the results of all testing, observations of the technology, and recommendations on next steps. At this point, National Grid does not have enough information to consider whether the evaluation would support an amendment to the Company-Owned Street Lighting tariffs to include advanced lighting controls.

3. LED Conversion Cap

To date, the Division has not notified National Grid of any complaints regarding the 10 percent 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,



Robert J. Humm

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

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.



Joanne M. Scanlon

August 18, 2017

Date

Docket No. 4628 - National Grid – Company-Owned LED Streetlighting Proposal

Service List updated 8/18/17

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