

February 20, 2019

**VIA HAND DELIVERY & 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  
February 2019 Quarterly Report**

Dear Ms. Massaro:

Pursuant to the Public Utilities Commission’s (PUC) Order No. 22672 in Docket No. 4628, National Grid<sup>1</sup> 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 in the above-referenced docket.

**1. LED Street Light Conversions**

As of February 20, 2019, 18 municipalities and 5 fire districts have purchased their street lighting equipment, which represents approximately 50 percent of the total municipalities and fire districts served by National Grid. National Grid has not received any new notification of additional LED conversions since the November 2018 quarterly report in this docket. Eleven of the municipalities who have purchased their street lighting equipment have reported the conversion of the existing street lights to LED fixtures, which represents 29 percent of the total municipalities served by National Grid. The total number of street lights in Rhode Island exchanged for LED fixtures is approximately 34,483, which represents 57 percent of the total customer-owned unmetered street and area lights.

Specifically, the following municipalities have converted their municipal-owned streetlights to LED fixtures, shown by number of lights and percentage of each municipality’s lights converted:

<b>Municipality</b>	<b>Number of Streetlights Converted to LED</b>	<b>Percentage of Streetlights Converted</b>
Barrington	1,755	99%
Bristol	1,861	99%
Central Falls	1,066	90%
Charlestown	199	60%

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

<b>Municipality</b>	<b>Number of Streetlights Converted to LED</b>	<b>Percentage of Streetlights Converted</b>
Cranston	9,509	98%
Cumberland	264	7%
Hopkinton	561	104% <sup>2</sup>
North Smithfield	1,551	102%
Providence	13,494	97%
Tiverton	1,299	93%
West Warwick	2,924	105%

In addition, the Company has converted approximately 70 Company-owned street lights to LED fixtures for a non-municipal customer in Middletown. The Company has installed eight LED street lights in West Greenwich for the Rhode Island Department of Transportation.

## **2. Street Light Metering Pilot**

On December 3, 2018, the Company responded to the pre-filed testimony of George Woodbury of LightSmart Energy Consulting LLC and William A. White III of CIMCON Lighting in Docket No. 4513. On January 4, 2019 and January 18, 2019, the Company also responded to data requests from the Division.

## **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  
Christy Hetherington, Esq.  
John Bell, Division

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<sup>2</sup> The municipalities reflecting a conversion rate that is higher than the number of lights they have purchased (Hopkinton, North Smithfield, and West Warwick) have either added new street lights that were not in place at the time of their purchase and/or have inadvertently converted a Company-owned light to LED.

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.



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Joanne M. Scanlon

February 20, 2019  
Date

**Docket No. 4628 - National Grid – Company-Owned LED Streetlighting Proposal  
Service List updated 8/18/18**

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