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February 22, 2024

BY ELECTRONIC MAIL

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

**RE: Docket No. 4237 – Rhode Island Energy’s Revised 2023 Contact Voltage Annual Report
Responses to PUC Data Requests – Set 7**

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company¹ enclosed are the Company’s responses to the Public Utilities Commission’s Seventh Set of Data Requests in the above-referenced docket.

Thank you for your attention to this transmittal. If you have any questions or concerns, please do not hesitate to contact me at 401-784-4263.

Sincerely,

A handwritten signature in blue ink, appearing to read "Andrew S. Marcaccio".

Andrew S. Marcaccio

Enclosures

cc: Docket No. 4237 Service List

¹ The Narragansett Electric Company d/b/a Rhode Island Energy (the “Company”).

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4237
In Re: 2023 Contact Voltage Annual Report
Responses to Commission's Seventh Set of Data Requests
Issued on February 1, 2024

PUC 7-1

Request:

Please provide the detail associated with and an explanation of the 62 mobile events that occurred on customer assets including any actions taken.

Response:

Please see columns U and Z in the Excel version of Attachment PUC 7-1 detailing the contact voltage cause and type of repair that was completed to resolve voltage found on customer owned assets where the voltage was caused by a fault with the Company infrastructure.

No information has been provided by the customer for contact voltage cause or type of repairs that were performed on customer owned equipment where the voltage was caused by a fault with the customer infrastructure.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4237
In Re: 2023 Contact Voltage Annual Report
Responses to Commission's Seventh Set of Data Requests
Issued on February 1, 2024

PUC 7-2

Request:

What follow-up if any is done to assure mitigation has occurred to customer assets?

Response:

Per Public Utilities Commission Order Number 23761, the Company only performs post-mitigation scans on Company-owned assets. The Company does not perform post mitigation testing on customer assets to confirm that repairs were completed by the customer. For the FY23 contact voltage scans, the Company did reach out to the customer to request that they update the Company with all repairs that were made. However, no information was provided.

PUC 7-3

Request:

Please explain the reason for the significant increase in manholes being responsible for elevated voltage readings.

Response:

The FY23 contact voltage scans indicated more manhole cover events due to there being three faults within the underground system. After reviewing historical data, most contact voltage root causes have involved loose connections within a streetlight or other low-voltage faults that did not impact a large area. All but one manhole event can be traced back to the three underground Company equipment faults.

PUC 7-4

Request:

Please confirm that the Company notified municipalities that own streetlights of the increasing trend in mobile events as ordered by the Commission in Order No. 24263 and provide a list of what municipalities were notified and date of notification.

Response:

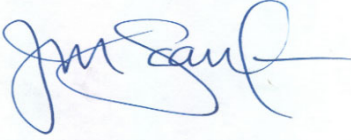
The Company notified the City of Providence (the "Municipality") that there were customer owned streetlights that were found to have contact voltage during the FY23 mobile contact voltage survey and of their responsibility to mitigate the voltage.

The Municipality was notified on December 10, 2022, prior to the Company starting the FY23 scans, that they should have resources available to mitigate the voltage measured on customer owned assets. The Company believes it notified the Municipality of the results in January 2023, although the Company was unable to retrieve the email that was sent. Finally, the Company notified the Municipality on August 14, 2023 to remind them of their responsibility to correct the voltage found on customer owned assets. This email contained an Excel sheet documenting the locations of customer owned assets and requested that the Municipality respond to the Company with any repairs that were made.

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

February 22, 2024
Date

**Docket No. 4237 –The Narragansett Electric Co. d/b/a
Rhode Island Energy - Contact Voltage Compliance Report
Service List updated 1/4/2024**

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