

October 14, 2014

BY HAND DELIVERY & ELECTRONIC MAIL

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

RE: Docket 4237 - Commission Investigation relating to Stray and Contact Voltage Occurring in Narragansett Electric Company Territories National Grid 2014 Annual Contact Voltage Supplemental Filing

Dear Ms. Massaro:

On behalf of National Grid, I have enclosed for filing in the above-referenced docket a supplement to Section 4 of the 2014 Contact Voltage Compliance report, which the Company filed with the Rhode Island Public Utilities Commission on June 26, 2014. The enclosed supplement to Section 4 reflects three additional elevated voltage events. During the Company's investigation of reports of elevated voltage at Westwind Drive, South Kingstown, the Company discovered that the two associated elevated voltage reports had not been entered into the "Shock Line" database, which is the Company's reporting and tracking tool for Contact Voltage. This discovery prompted a review by to identify any additional contact or stray voltage cases that may not have been entered in the Shock Line data base. Consequently, one additional case of elevated voltage at Sandy Point Beach in Portsmouth was identified. Although National Grid's Electric Operating Procedure, NG-USA EOP G016, was revised to include reporting requirements for elevated voltage in Rhode Island at the time of the initial Contact Voltage proceeding, to ensure that all future contact or stray voltage reports are documented in the "Shock Line" data base, Electric Operating Procedure, NG-USA EOP G009, "Personal Injury Accidents/Newsworthy Event Reports" is being updated to include elevated voltage reporting requirements for Rhode Island regardless of whether any injury was reported.

Thank you for your attention to this transmittal. If you have any questions, please feel free to contact me at (781) 907-2121.

Very

truly yours,



Raquel J. Webster

Enclosure

cc: Steve Scialabba
Leo Wold, Esq.

4. “Shock Line” Calls

The Company agreed to report annual calls to its “Shock Line” as part of its DCVRA Annual Report. “Shock Line” calls to the Company record an event of elevated voltage reported by the public or other entities, such as another utility. For the period April 1, 2013 to March 31, 2014, the Company received twelve calls of elevated voltage to its “Shock Line.” Each of these incidents was responded to, tested, mitigated where necessary, and repaired by the Company. Alternatively, notification was given to the customer who owned the asset. There were no reported personal injuries or damage to property from any of these incidents. Additional events have been highlighted below

**Table 5
(Supplemental)**

Date	Town	Street	Asset	Voltage Found	Owner	Injury
07-16-13	Portsmouth	Sandy Point Beach	Other	6 V	Customer	No
07-25-13	South Kingston	151 Westwind Drive	Pad-Mounted Transformers	18V	Customer	No
07-22-13	South Kingston	143 Westwind Drive	Pad-Mounted Transformers	11V	Customer	No
07-20-13	Westerly	30 Pearl St	Other	9V	Customer	No
07-20-13	N Kingstown	Laurel Ridge Ln	Other	12V	Customer	No
07-19-13 West	erly	Havens Rd	Other	4.3V	Customer	No
07-07-13 Nar	ragansett	Second St	Other	20V	Customer	No
06-24-13	Jamestown	Fort Getty Rd	Wood Pole	6.9V	Company	No
06-03-13 Gl	ocester	Reynolds Rd	Other	5V	Customer	No
06-03-13 Cum	berland	Diamond Hill FDR5 Rd	Other	Not Documented	Customer	No
06-01-13 W	Greenwich	Kimberly Dr	Other	Not Documented	Customer	No
06-01-13 Gl	ocester	Reynolds Rd	Other	5V	Customer	No

The Company responded to a 7/16/2013 elevated voltage report at customer bath houses on Sandy Point Beach in Portsmouth. A reading of 6 V was detected by the customer's electrician. The Company investigated the report on 7/18/2013 and installed a neutral isolator to mitigate the incident.

The Company received two elevated voltage reports on 7/22/13 and 7/25/13 at Westwind Drive, South Kingstown. No defective facilities were found at these times. Further investigation has indicated the presence of stray voltage in the area, which is in the vicinity of the Company's Peacedale substation. The Company has worked with Cox Cable and Verizon to install neutral isolators on relevant electric and telecommunication equipment, completed the installation of temporary conductors, and conducted load swaps to balance the circuit. At this time, the elevated voltage issue is still present. The Company is installing a neutral conductor with associated grounding and bonding on the 59F3 circuit in the nearby right of way and will test for the presence of elevated voltage when complete.