

**Docket No. 4770**  
**Thirteenth Set of Data Requests of the**  
**Division of Public Utilities and Carriers to National Grid**  
**January 18, 2018**

**Peak Demand Reduction**

13-1. Refer to National Grid's (the Company's) responses to PST Book 3 – Workpaper 9.1 (Peak Demand Reduction Targets):

- a) Please provide any additional relevant data that might have been redacted in reference to the demand reduction values.
- b) Referring to Page 2 of 9, please provide additional classification of "PV" considered under "PV reduction" (classification as behind-the-meter and grid-connected).
- c) Please provide any additional information on potential locations in Rhode Island (RI) for behind-the-meter solar additions, along with the expected MW potential at each of these locations.

**Response can be found on Bates page(s) 1-3.**

13-2. Please list all Regional System Plan (RSP) projects that RI is obligated for, over the next 10 years.

**Response can be found on Bates page(s) 4.**

13-3. From the list of projects identified under DIV 13-2, above, please identify those reliability projects that are specifically driven by load growth.

**Response can be found on Bates page(s) 5.**

13-4. Please list out all transmission costs associated with the list of projects answered under DIV 13-2.

**Response can be found on Bates page(s) 6.**

13-5. Please list all Local System Plan (LSP) projects that RI is obligated for, over the next 10 years.

**Response can be found on Bates page(s) 7-8.**

13-6. From the list of projects identified for DIV 13-5, please identify those reliability projects that are specifically driven by load growth.

**Response can be found on Bates page(s) 9.**

13-7. Please list out all transmission costs associated with the list of projects answered under DIV 13-5.

**Response can be found on Bates page(s) 10.**

13-8. Has the Company performed Non-Wire Alternatives (NWA) or Non-Transmission Alternatives (NTA) studies for the LSP projects listed in DIV 13-5 response?

- a) If yes, please provide relevant study reports with cost estimates comparing costs of transmission upgrades and costs associated with NWAs.

**Response can be found on Bates page(s) 11-14.**

13-9. Please provide the short-term and long-term transmission planning power flow base cases (PSS/E .raw files) and auxiliary files (contingency files, subsystem files, exclusion files, monitored element files) used for the LSP studies.

**Response can be found on Bates page(s) 15-31.**