

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.
- 13-2. Please list all Regional System Plan (RSP) projects that RI is obligated for, over the next 10 years.
- 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.
- 13-4. Please list out all transmission costs associated with the list of projects answered under DIV 13-2.
- 13-5. Please list all Local System Plan (LSP) projects that RI is obligated for, over the next 10 years.
- 13-6. From the list of projects identified for DIV 13-5, please identify those reliability projects that are specifically driven by load growth.
- 13-7. Please list out all transmission costs associated with the list of projects answered under DIV 13-5.
- 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.
- 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.