

Docket No. 4780
Fourth Set of Data Requests of the
Division of Public Utilities and Carriers to National Grid
January 18, 2018

Peak Demand Reduction

4-1. 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.

4-2. 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.

4-3. From the list of projects identified under DIV 4-2, above, please identify those reliability projects that are specifically driven by load growth.

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

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

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

4-5. 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.

4-6. From the list of projects identified for DIV 4-5, please identify those reliability projects that are specifically driven by load growth.

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

4-7. Please list out all transmission costs associated with the list of projects answered under DIV 4-5.

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

4-8. Has the Company performed Non-Wire Alternatives (NWA) or Non-Transmission Alternatives (NTA) studies for the LSP projects listed in DIV 4-5 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.

4-9. 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.