

Docket No. 4770
Nineteenth Set of Data Requests of the
Division of Public Utilities and Carriers to National Grid
January 29, 2018

Power Sector Transformation

- 19-1. Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 46-47, will the feeder monitoring systems located in Rhode Island be capitalized? If so, will they be capitalized on the books of Narragansett Electric or the Service Company? If capitalized on the books of the Service Company, please explain why they could not be capitalized on the books of Narragansett Electric.
- 19-2. Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 46-47, are there any reasons why the Company could not propose the installation of feeder monitoring systems within the ISR process and recover the costs through the pre-existing ISR mechanism, rather than recovering the costs through the proposed PST cost tracker tariff?
- 19-3. Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates page 47, why is the Company waiting until FY20 to commence the program to install the additional feeder monitoring systems and not starting sooner? Are there any practical impediments to commencing sooner?
- 19-4. Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates page 53, are there any reasons why the Company could not propose the RTU Separation within the ISR process and recover the costs through the pre-existing ISR mechanism, rather than recovering the costs through a PST cost tracker tariff?
- 19-5. Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates page 53, are there any reasons why the Company could not propose to implement the RTU Separation sooner and include the costs in an amended cost of service filed in Docket 4770 that includes these costs in the revenue requirement for the Rate Year in that case?
- 19-6. Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates page 44-46, why is the Company waiting until FY20 to fully implement the System Data Portal and not starting sooner? Are there any practical impediments to commencing sooner?
- 19-7. Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates page 44-46, are there any reasons why the System Data Portal cannot be implemented sooner and the costs included in an amended cost of service filed in Docket 4770 that includes these costs in the revenue requirement for the Rate Year in that case?
- 19-8. Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 56-60, Section 3.5 (“Operational Data Management”), please identify the line or lines where the annual revenue requirement for the initiatives in this section appears in Appendix 10.2, page 1 of 21 and Appendix 10.3, page 1 of 21. If they do not appear in these Appendices, please explain why

not and provide the annual revenue requirements, including both O&M and revenue requirement on capital investments for these initiatives.

- 19-9. Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 53-56, Section 3.4.3 (“Geographic Information System (GIS) Data Enhancement”), please identify any and all Grid Modernization Programs identified in Chapter 3 that are dependent upon the GIS Data Enhancement being implemented first or concurrently.
- 19-10. Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 53-56, Section 3.4.3 (“Geographic Information System (GIS) Data Enhancement”), please provide a breakdown of the costs of the project by (a) software and other shared assets used by multi-jurisdictions and (b) costs related solely to populating Rhode Island data.
- 19-11. Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 53-56, Section 3.4.3 (“Geographic Information System (GIS) Data Enhancement”) and Appendices 10.2 (page 1 of 21) and 10.3 (page 1 of 21), please explain why the revenue requirement shown on line 4 for GIS Data Enhancement is identical for both the Rhode Island alone and multi-jurisdictional scenarios.
- 19-12. Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 55, Section 3.4.3 (“Geographic Information System (GIS) Data Enhancement”), Table 3-7:
 - a. Is the Company proposing to recover the \$3.05 million shown for FY19 in the PST cost tracker tariff?
 - b. Is there any reason why this amount could not be amortized over the life of the system instead of recovered in one year?
 - c. Please indicate how much of the \$3.05 million results from Service Company rental charges and ordinary O&M from the Service Company.
- 19-13. Referring to Chapter 3 of Power Sector Transformation Book PST-1, Bates pages 48-53, Sections 3.4.1 and 3.4.2 (DSCADA & ADMS), please identify any and all Grid Modernization Programs identified in Chapter 3 that are dependent upon the DSCADA & ADMS being implemented first or concurrently.
- 19-14. Please identify any of the Grid Modernization initiatives in Chapter 3 of Power Sector Transformation Book PST-1 that cannot, as a practical matter (excluding reasons related to cost recovery), be implemented unless the project is done on a multi-jurisdictional basis.
- 19-15. Please identify any of the Grid Modernization initiatives in Chapter 3 of Power Sector Transformation Book PST-1 that the Company would not propose to implement on a multi-jurisdictional basis unless the Company is assured of recovering the costs from the other jurisdiction(s) before implementing it for the benefit of Rhode Island.

- 19-16. Referring to Chapter 3 of Power Sector Transformation Book PST-1, please identify any and all Grid Modernization Programs identified in Chapter 3 that are dependent upon the implementation of Advanced Metering Functionality being implemented first or concurrently.
- 19-17. To the extent the Company maintains that a PST project in Rhode Island is dependent upon the Massachusetts DPU approving cost recovery for parallel implementation in Massachusetts for the Company's Massachusetts affiliate, please explain why it is in the interest of Rhode Island ratepayers for Narragansett Electric to delay or decline to implement any such PST projects if the DPU does not approve cost recovery for the Company's Massachusetts' affiliate share of the cost.
- 19-18. To the extent (i) the Rhode Island Commission directs the Company to pursue a Rhode Island standalone option for a PST project that has the future potential to benefit affiliates of the Company in Massachusetts or New York, (ii) Rhode Island funds the upfront costs for the project, and (iii) at a later date, one or more of the Company's affiliates later utilize the system that was funded by Rhode Island ratepayers, would the affiliates or the Service Company give a refund or some form of monetary credit to Rhode Island that effectively results in the affiliates then using the system paying their allocated share of the upfront costs? If the answer would depend upon which PST project is involved, please also specify and explain.
- 19-19. Are there any Cybersecurity projects being proposed in Dockets 4770 and 4780 that overlap in purpose?
- 19-20. Please provide a schedule of all Cybersecurity projects proposed in both Dockets 4770 and 4780, including total cost estimated for Rhode Island. Please also indicate whether the Cybersecurity project is solely for Rhode Island or multi-jurisdictional.
- 19-21. Referring to Power Sector Transformation Book PST-2, Appendices 10.2 (page 1 of 21) and 10.3 (page 1 of 21):
- a. Please provide a breakdown of the revenue requirement for each of the projects for the same years shown in these Appendices, (i) by O&M and (ii) by revenue requirement for projects capitalized on the books of Narragansett Electric.
 - b. Please also include an additional column showing the breakdown of the revenue requirement (if any) for each of the projects shown in these Appendices, but for Fiscal Year Ending March 31, 2019. Please also breakdown (i) by O&M and (ii) by revenue requirement for projects capitalized on the books of Narragansett Electric.
 - c. In a separate schedule, for each project and fiscal year, please also show the amounts of the revenue requirement attributable to charges from the Service Company and Service Company rents associated with projects capitalized on the books of the Service Company for each of the fiscal years.