

July 12, 2022

VIA ELECTRONIC MAIL

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

RE: Docket 5209 - FY 2023 Electric Infrastructure, Safety, and Reliability Plan Responses to Technical Session Record Requests

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a Rhode Island Energy (the “Company”), enclosed please find the electronic version of the Company’s response to Record Request No. 9.¹

This transmittal completes the Company’s responses to the record requests issued at the Commission’s Technical Session in this matter.

Thank you for your attention to this transmittal. If you have any questions, please contact me at 401-784-7263.

Sincerely,



Andrew S. Marcaccio

Enclosure

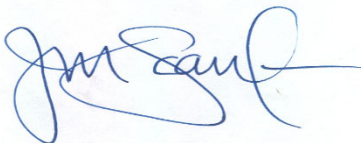
cc: Docket 5209 Service List
Jon Hagopian, Esq.
John Bell, Division
Greg Booth, Division
Linda Kushner, Division

¹ Per a communication from Commission counsel on October 4, 2021, the Company is submitting an electronic version of this filing followed by six (6) hard copies filed with the Clerk within 24 hours of the electronic filing.

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.



Joanne M. Scanlon

July 12, 2022

Date

**Docket No. 5209 – The Narragansett Electric Company d/b/a Rhode Island Energy
Electric ISR Plan FY 2023
Service List as of 7/5/2022**

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Record Request No. 9

Request:

Please review PUC 1-7, PUC 1-8, and PUC 1-9 together with the March 9, 2022 transcript, pages 168-174. Please update the data responses, if necessary. Mr. Constable was able to provide some information, but there was still uncertainty given the potential for the transaction between PPL and Narragansett. Please respond to the questions asked on pages 168-174 with updated information now that that the transaction has been completed.

Response:

PUC 1-7, PUC 1-8, PUC 1-9 and transcript pages refer to the following investments:

- System Data Portal
- Control Center Enhancements
 - Advanced Distribution Management System (ADMS)
 - Geographic Information System (GIS) Enhancements
- Other Grid Modernization Investments
 - Enterprise Service Bus
 - Data Lake
 - PI Historian
 - Advanced Analytics
 - Telecommunications
 - Cybersecurity

The status of each investment is described below as well as what is being transferred to PPL / RI Energy (RIE), and how RI customers benefit from these investments. None of these investments are critically linked to investments in the FY 2023 ISR Budget.

System Data Portal

The System Data Portal is online and operational. The charges related to the System Data Portal were operational expenses directly charged by the relevant department. The main task was developed of distribution system models used to create the data portal maps. These models have been transferred to RIE and RI customers have received the full value of these investments.

ADMS

Operational expenses related to training, operator education, and model creation including source data enhancements were charged to RI. An appropriate number of trained operators conveyed to RIE. Although RIE may use a PPL-aligned ADMS system, the ADMS basic training and

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ADMS related model / data work can apply to any ADMS system and RI customers will receive benefits from such training.

ADMS Phase 1 was placed in service in May 2021. Phase 2 will not be charged to RIE. ADMS Phase 1 is a New England Power Service Company ("Service Company") asset for which RIE is charged rent. This asset will remain active, and rent will be charged through the Transaction Services Agreement (TSA) period. After the TSA is ended, rent will no longer be charged, and the Service Company ADMS system will be replaced by a PPL ADMS system. The TSA period may last 2 or more years.

GIS Enhancements

GIS data improvements have been completed and transitioned to RIE. These improvements include general data cleanup as well as changes to baseline GIS to allow for new asset types, new equipment, expanded attributes, and characteristics. RI customers have received the full value of these costs.

Enterprise Service Bus (ESB)

ESB Phase 1 was placed in service in November 2021 and serves as a data highway between various data sources and the ADMS system. It needs to remain in service while the Service Company ADMS is in service. This asset will remain active, and rent will be charged through the Transaction Services Agreement (TSA) period. After the TSA is ended, rent will no longer be charged, and the Service Company ADMS system will be replaced by a PPL ADMS system. The TSA period may last 2 or more years.

Data Lake/Advanced Analytics/Data Management

The Data Lake and associated analytics and data management work for RIE is specific to RI systems and RI customers. The Data Lake work includes mapping and translation work between RI databases that have been transferred to RIE. The system asset was placed in service in June 2021 and rent is charged by the Service Company to RIE. After the TSA is ended, rent will no longer be charged. The TSA period may last 2 or more years. After the TSA is ended, PPL data management systems will benefit from the mapping and translation work and RI customers will receive continued value.

PI Historian

The PI Historian expansion is a database for additional ADMS data needs. This investment was staged to follow ADMS Phase 2 and so no Service Company charges will be passed on to RIE. PPL will need a similar investment to handle PPL ADMS data needs.

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Cybersecurity

Operational expenses will continue to be charged to RIE as needed for the ADMS system while the TSA is in effect. The cybersecurity IT capital asset is not currently in service but may go into service during the TSA period resulting in some rent charged to RIE. After the TSA is ended, rent will no longer be charged. The TSA period may last 2 or more years. After the TSA is ended, PPL cybersecurity systems will benefit from the design of the Service Company systems and RI customers will receive continued value.

Telecommunications

Operational expenses will continue to be charged to RIE as needed for the communication related to the ADMS system while the TSA is in effect. The Service Company's Telecom Operations and Management Solution (TOMS) Phase 1 went into service December 2021 and rent is charged to RIE. After the TSA is ended, rent will no longer be charged. The TSA period may last 2 or more years. Certain communication networking and operation center have been designed but are not in service. These designs will be reviewed and continued or replaced by PPL during the TSA period.