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March 1, 2024

**VIA ELECTRONIC MAIL**

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

**RE: Docket No. 23-48-EL – The Narragansett Electric Company d/b/a  
Rhode Island Energy’s Proposed FY 2025 Electric Infrastructure, Safety, and  
Reliability Plan  
Supplemental Response PUC 7-5**

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a Rhode Island Energy (the “Company”), enclosed is the Company’s supplemental response to data request PUC 7-5 in the above-referenced matter.

Thank you for your attention to this transmittal. If you have any questions or concerns, please do not hesitate to contact me at 401-784-4263.

Sincerely,

A handwritten signature in blue ink, appearing to read "Andrew S. Marcaccio".

Andrew S. Marcaccio

Enclosures

cc: Docket No. 23-48-EL Service List

PUC 7-5 – Supplemental

Request:

For each of the line items in Attachments 3-4-1, 3-4-2, and 3-4-3 that relate to “milestone achievement” payments in FY 2025, please provide a description of the services and the criteria used to determine how and when the milestone is achieved that triggers a payment in FY 2025. To the extent there is an estimate in the applicable Attachment, please describe how the estimate was determined.

Original Response:

**AMF Intangible software costs in FY2025**

Milestone achievement payments for TCS System Integrator Services related to line items described as: Data Lake – SI Vendor, Deployment Work Management – SI Vendor, SI Vendor – Head End, Middleware – SI Vendor, SI Vendor – Cybersecurity, and SI Vendor-MDMS.

Below are the milestone achievements that will trigger payment:

- Completion of PI9; Acceptance of Deliverable/Scope items 22 and 23 - Program Increment 9 (PI) Acceptance Criteria & Program Increment 9 Completion Report Final build and integrated test for functions as described under Milestone 1, Release 3.
- Release 2- Ready for AMF Meter Deployment
- Completion of PI10; Acceptance of Deliverable/Scope items 26 and 27- Program Increment 10 (PI) Acceptance Criteria & Program Increment 10 Completion Report Design and initial build for functions described under Milestone 17, Release 4
- Completion PI11; Acceptance of Deliverable/Scope items 28 and 29 - Program Increment 11 (PI) Acceptance Criteria & Program Increment 11 Completion Report

**Meter Deployment Milestones in FY2025**

- The Meter Services milestones include business deliverables for the completion and approval of an integrated project plan, safety, and quality assurance plan in order to trigger a payment. The costs provided were calculated by estimating the percentage of support required for project management, cross docks, and call center support in the FY2025 timeframe.

**Network Installation Milestones in FY2025**

- The network costs associated with the description of ‘Project Management Oversight’ pertain to milestone payments provided upon the completion of an integrated project plan, safety, and quality assurance plan. The line item that is described as ‘Site Engineering’, pertains to the milestone achievement for completion of all field surveys where pole installations will be performed as part of network device installations.

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- The remaining line items, labeled as gateway, routers, and transformer installations in the network costs breakdown include milestone payments after the successful installations of poles and field area network devices in the Westerly AMF defined sector. A portion of the milestone payment is also tied to the completion of testing of network devices.

Supplemental Response:

**Intangible Software Milestones in FY2025**

Milestone achievement means that all deliverables, within a program increment, have been successfully completed by TCS, and then reviewed and approved by PPL Services for payment. The six line items in Attachment PUC 3-4-1 are estimates that roll up to the TCS system integrator services' fixed milestone cost. The estimated cost allocations of the six line items are based on the estimated hours provided by and to be worked by TCS. These percentages of hours were used to estimate the spend allocation estimates for the six line item estimates.

These six line items, with a description of the work being done in FY2025, are as follows:

1. Data Lake services is the detailed design, development and testing by TCS needed to create a data repository for the 15-minute intervals data to be stored. This includes connecting the MDMS to the Data Lake.
2. Deployment Work Management services is the detailed design, development, and testing to connect the meter installation vendor and PPL/Rhode Island Energy systems to track the customer and meter details pertaining to pre-sweeps and new AMF meter installations.
3. Headend services is the detailed design, development, and testing by TCS to make the new head-end system operational and ready for RF network deployment. The Head-end system is responsible for collecting the meter data from the AMF meters, via the RF network, before sending the data to other systems.
4. MDMS services is the detailed design, development and testing by TCS to make the MDMS operational, which includes the ability to ingest, store, quality check, and pass AMF 15-minute interval data to CSS. The MDMS is responsible for receiving the meter data from the Head-end and performing data quality checks (validation, estimation, and editing) known as VEE, before sending the data to other systems.

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5. Middleware services pertains to the detailed design, development, and testing by TCS needed to connect systems together. For example, and not all inclusive, is the head-end systems to/from the MDMS.
6. Cyber Security is the detailed design, review, and testing needed to ensure that the AMF solutions are being built to, and operational to, required cyber security requirements. TCS will be responsible for the coordination of the needed cybersecurity activities (such as penetration testing), along with performing access reviews, system reviews, and the integration development and testing to ensure a secure solution across the different systems to pass information back and forth.

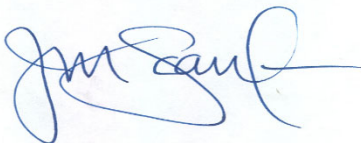
Additionally, the work being done during this time will be foundational and will see the below functionality tested and implemented in order to pay the ISR Year 2025 System Integrator milestones:

- The software and equipment used to test meters upon receipt up and running and passing results to our customer information system.
- The software and system used to collect the data from the AMF meters up and running to support network and meter deployment.
- The software and systems used to pass existing meter and customer information to our deployment vendor, so that they can plan and update us on progress, up and running to support meter deployment.
- The software and systems used to verify meter reading data and generate a bill, passing data between each other and ultimately invoicing our residential and commercial customers based on their usage.
- The software and systems used to collect meter reading data and present it to a customer on a webpage (the customer portal).
- The software and systems used to remotely connect or disconnect an AMF meter when a work order is created in our customer information system up and running.

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.



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Joanne M. Scanlon

March 1, 2024  
Date

**Docket No. 23-48-EL – RI Energy’s Electric ISR Plan FY 2025  
Service List as of 1/25/2024**

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