

September 4, 2020

VIA HAND DELIVERY & ELECTRONIC MAIL

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

**RE: Docket 4915 - Fiscal Year 2020 Electric Infrastructure, Safety, and Reliability Plan
Reconciliation Filing
Responses to PUC Data Requests – Set 1**

Dear Ms. Massaro:

On behalf of National Grid,¹ enclosed is an electronic version of the Company's responses to the Public Utilities Commission's First Set of Data Requests in the above-referenced matter.²

Thank you for your attention to this filing. If you have any questions, please contact me at 401-784-7288.

Very truly yours,



Jennifer Brooks Hutchinson

Enclosures

cc: Docket 4915 Service List
Leo Wold, Esq.
John Bell, Division

¹ The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

² Per practice during the COVID-19 emergency period, the Company is providing a PDF version of these responses. The Company will provide the Commission Clerk with a hard copy and, if needed, additional hard copies of this transmittal at a later date.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4915
In Re: 2020 Electric Infrastructure, Safety, and Reliability
Annual Reconciliation
Responses to the Commission’s First Set of Data Requests
Issued on August 25, 2020

PUC 1-1

Request:

Please provide an update for actual spending that falls under DER Enabling Investments. Include a chart showing budgeted vs. actual spending for any subcategories of spending.

Response:

The “DER Enabling Investments” category was introduced in the FY 2021 ISR Plan. The table below shows the FY 2020 Budget and Actual amounts for 3V0 devices and the FY 2021 Budget, Actual and Forecast amounts for 3V0 devices and DER Enabling Investments. The cost of the 3V0 mobile units is estimated at \$0.7 million based on vendor bids received to date.

| Project Description | <i>in \$'000's</i> | | | | | |
|----------------------------------|--------------------|-----------------|-----------------|---------------------------------|--------------------|-----------------|
| | FY 2020 | | FY2021 | | | |
| | Budget | Actual Spending | Budget | Actual Spending through 7/31/20 | Remaining Forecast | Total Forecast |
| Existing 3V0 | \$ 210 | \$ - | \$ 540 | \$ - | \$ - | \$ - |
| DER Enabling - 3V0 | - | - | 500 | - | - | - |
| Davisville 3V0 D-Sub | - | 1 | - | 9 | 4 | 13 |
| Riverside 3V0 D-Sub | - | 94 | - | 37 | 114 | 151 |
| Wolf Hill 3V0 D-Sub | - | 55 | - | 5 | 2 | 7 |
| Quonset 3V0 D-Sub | - | 227 | - | 273 | 7 | 280 |
| Tiverton 3V0 D-Sub | - | 60 | - | - | - | - |
| Old Baptist Road 3V0 D-Sub | - | 40 | - | - | - | - |
| Chopmist 3V0 D-Sub | - | - | - | 25 | 195 | 220 |
| Pontiac 3V0 D-Sub | - | 1 | - | - | - | - |
| Putnam Pike 3V0 D-Sub | - | - | - | - | 36 | 36 |
| Eldred 3V0 D-Sub | - | - | - | 2 | 453 | 455 |
| DER Enabling - Mobile 3V0 Units | - | - | 1,200 | - | 700 | 700 |
| DER Enabling - Advanced Devices | - | - | 2,000 | - | 2,000 | 2,000 |
| Total | \$ 210 | \$ 479 | \$ 4,240 | \$ 351 | \$ 3,511 | \$ 3,862 |
| Summary: | | | | | | |
| Existing 3V0 | \$ 210 | | \$ 540 | | | |
| DER Enabling Investment category | - | | 3,700 | | | |
| Total | \$ 210 | | \$ 4,240 | | | |

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PUC 1-2

Request:

Please provide an update for actual spending on the EMS/RTU Program and the RTU Separation Program. Please include an update on expected spending for future years.

Response:

Please see the table below for actual and expected capital spending on the EMS/RTU Program for FY 2020 and forecasted for FY 2021.

| | <i>in \$'000's</i> | | | | |
|-------------------------------------|--------------------|--------------------|---------|--|----------|
| | FY 2020 | | FY 2021 | | |
| | Budget | Actual Spending | Budget | Actual Spending through 7/31/20 | Forecast |
| <u>EMS/RTU Program</u> | | | | | |
| Bristol 51 - EMS and breaker replmt | \$ 150 | \$ 83 | \$ 430 | \$ 42 | \$ 230 |
| EMS Expansion - Tiverton 2 #33 | 80 | - | - | - | - |
| EMS Expansion - Wood River 85 | 80 | 9 | 200 | 4 | 5 |
| EMS Expansion - Bonnet 42 | - | 14 | 100 | 3 | 4 |
| EMS Expansion - Wampanoag 48 | - | - | - | 12 | 105 |
| EMS Expansion - Merton 51 | - | - | 100 | - | 13 |
| EMS Expansion - Phillipsdale 20 | - | - | 150 | - | - |
| Total | \$ 310 | \$ 106 | \$ 980 | \$ 61 | \$ 356 |

Please see the table below for forecasted RTU Separation Program costs. RTU Separation costs are not part of the ISR Plan. RTU Separation costs are part of the Company's base rates under RIPUC Docket No. 4770.

The Company initiated the program to separate distribution RTUs from transmission RTUs in support of DSCADA/ADMS. In the project scoping and assessment phase, it was determined that initial assumptions for the RTU Separation activities and the nature of the work for the targeted substations did not require significant capital investment and also could be performed in a shorter timeframe. The Company also has since developed a plan and timing for the future DSCADA that

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PUC 1-2, page 2

will receive the data from this RTU work. The Company will seek to align the RTU Separation activities and work with the DSCADA timeline. The Company is progressing RTU Separation projects that do require capital investments to support the RTU Separation activities for the future DSCADA.

| | <i>in \$'000's</i> | | | | | | | | | |
|---|--------------------|--------------------|--------|--|----------|--------|----------|----------|----------|----------|
| | FY 20 | | FY21 | | | FY22 | | FY23 | FY24 | |
| | Budget | Actual Spending | Budget | Actual Spending through 7/31/20 | Forecast | Budget | Forecast | Forecast | Forecast | Forecast |
| <u>RTU Separation Program (Docket 4770)</u> | | | | | | | | | | |
| Bristol 51 | \$ 187 | \$ 31 | \$ 187 | \$ 3 | \$ 34 | \$ - | \$ 61 | \$ 208 | \$ - | \$ - |
| West Cranston 21 | 187 | 29 | 187 | 6 | 30 | - | 122 | 158 | - | - |
| Warren 5 | - | - | 248 | - | 16 | 125 | 82 | 180 | 42 | 42 |
| RTU Reconfiguration | 196 | - | 328 | - | - | 65 | - | - | - | - |
| Total RTU Separation Program | \$ 570 | \$ 60 | \$ 950 | \$ 9 | \$ 80 | \$ 190 | \$ 265 | \$ 546 | \$ - | \$ 42 |

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.

Joanne M. Scanlon

September 4, 2020
Date

Docket No. 4915 - National Grid's Electric ISR Plan FY 2020
Docket No. 4857 - Performance Incentives Pursuant to R.I.G.L. §39-1 27.7.1(e)(3)

Service List as of 8/15/2019

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