

March 8, 2022

VIA ELECTRONIC MAIL

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

RE: Docket 5209 - Proposed FY 2023 Electric Infrastructure, Safety, and Reliability Plan Responses to Data Requests – PUC Set 3

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a National Grid (“National Grid” or the “Company”), enclosed please find the electronic version of the Company’s responses to the Public Utilities Commission’s Third Set of Data Requests in the above-reference matter.¹

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

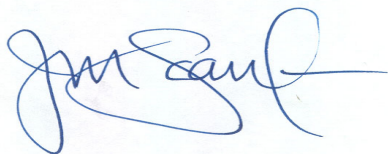
cc: Docket 5209 Service List
Jon Hagopian, Esq.
John Bell, Division
Greg Booth, Division
Linda Kushner, Division

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

March 8, 2022
Date

**Docket No. 5209 - National Grid's Electric ISR Plan FY 2023
Service List as of 01/10/2022**

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PUC 3-1

Request:

Referring to the Electric Capital Plan (Bates 64), which describes the “re-scoped Dyer Street Substation project,” please provide a timeline showing when the Company initiated the original Dyer Street Substation project, when the Company sought EPC bids for the original project, when the Company paused the original project during FY 2020 to re-assess options, and the date when the Company commenced the re-scoped project that would entail building a new substation on the Company’s South Street substation site, instead of replacing the existing indoor substation at Dyer Street.

Response:

The requested timeline for the Dyer St project is included below:

- Project Initiation (partial sanction): February 2017
- EPC Bid Start – 10/4/19 [Sent out to Bidders]
- EPC Bids Received – 11/27/19
- Company paused original project to reassess options: February 2020
- Company commenced the re-scoped project building a new substation at South Street site: May 2020

PUC 3-2

Request:

Please provide a description of the original Dyer Street Substation Project which was provided to EPC contractors, in response to which the Company received "excessive EPC values," as described in the Sanction Paper provided in Attachment 3-2-10.

Response:

Tasks associated with C051205 "Dyer St replace Indoor Substation D-Sub" original scope included:

Rehabilitation of the DC building

- A new steel framed shoring system will be installed along the interior load bearing walls.
- The exterior brick will be repaired and repointed as needed.
- The building's roof will be replaced.
- Non-load bearing interior walls that make up the south section transformer vaults will be removed.

Installation of a new indoor substation within the DC building

- A new six position 11 kV switchgear will be installed in the south section.
- A new 10 feeder breaker-and-a-half 4.16 kV indoor switchgear will be installed on the mezzanine.
- Two 12.5 MVA 11.5 kV - 4.16 kV transformers will be installed in the DC building.

Demolition of the existing Indoor Substation (this scope is still required with new option)

- All 11 kV and 4.16 kV equipment will be removed from the building.
- All 15 kV and 5 kV electrical cables as well as relay and control wire will be removed.
- The four story circa 1925 brick building will be demolished.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5209

In Re: Electric Infrastructure, Safety, and Reliability Plan FY2023
Responses to the Commission’s Third Set of Data Requests
Issued on March 3, 2022

PUC 3-3

Request:

Referring to “Attachment 3 – Five-Year Budget with Details”, (Bates page 81), the line item listed as “Dyer Street – Indoor Sub,” please provide an itemization for the \$5,243,000 of prior years’ capital spending. Include in this itemization a description of the activities associated with the cost, the purpose of each cost component that was incurred, and the date(s) of such cost incurrence. Also, indicate whether each itemized cost was incurred as part of the original planned location (Dyer – Indoor) or part of the updated location (Dyer at South Street- Outdoor) and provide totals for the costs associated with Dyer – Indoor and Dyer at South Street - Outdoor.

Response:

An itemized description of prior year costs incurred is detailed below:

<u>Cost Category</u>	<u>CAPEX through Feb 2020</u>	<u>CAPEX Mar 2020 - Mar 2021</u>	<u>Grand Total</u>	<u>Purpose of cost component</u>
Labor & Benefits	\$0.490	\$0.183	\$0.673	Internal payroll for engineering and on-site supervision for site investigations
Consultants & Contractors	0.662	0.313	0.975	Engineering, Survey, Legal and Permitting Consultant costs for engineering, permitting and site investigations
Materials	0.419	1.923	2.342	Myers Switchgear and Niagara Transformer Payments
Other Expenses	0.410	0.843	1.252	Overheads and Allowance for Funds Used During Construction
Grand Total	\$1.980	\$3.263	\$5.243	

The Company paused the project in February 2020. At this time, \$1.980 million of project costs were incurred. Of this, \$0.420 million was material charges, which can be utilized on the revised option leaving \$1.583 million costs to date on initial alternative analysis, permitting and preliminary engineering. This work is considered related to the final option selection as it was required to arrive at the option selected

PUC 3-4

Request:

Referring to the Sanction Paper provided in Attachment 3-2-10, please explain:

- a. why the project is referred to as the “Dyer Street Outdoor Substation” when the project is along Eddy Street at the South Street Substation location;
- b. why the Sanction paper includes \$4.872 million in CapEx that was incurred prior to the issuance and approval of the Sanction Paper, and
- c. to the extent any such costs related to designing, preparation, reinforcement, or planning for the refurbishing of the Dyer Street station, why such amount(s) are included as CapEx within the \$21.730 million estimate for the new substation project to be located at the South Street Substation.

Response:

- a. The project was initially referred to as “Dyer St Indoor Substation” since the intent was to replace the existing station named “Dyer St” which is located on Dyer St in Providence, RI. The project name was changed from Indoor to Outdoor, but continued to refer to Dyer St, as the intent and goals of the project remain the same.
- b. The project CapEx costs prior to the issuance and approval of the Sanction Paper were incurred for engineering, planning, and permitting for the execution of the original option. This project was initiated when spending governance and delegation of authority for early-stage project costs was obtained through a Partial Sanction process. The governance for all costs before the Sanction Paper included as Attachment DIV 3-2-10 was obtained from a Partial Sanction Paper dated February 8, 2017.
- c. The Company believes that all expenditures incurred were for preliminary surveys, plans, investigations, and options analysis that were utilized in determining the feasibility and best solution to meet the system needs. The costs were instrumental in determining that the intended option was not feasible, and ultimately led to the decision to construction at an alternative location.

PUC 3-5

Request:

Once the Company abandoned the original project which contemplated refurbishing the substation at Dyer Street, did the Company write off any costs related to the planned design and future use of the abandoned location? If so, please provide an itemization. If not, please explain why not.

Response:

No, the Company did not write off any costs related to the planned design and future use of the abandoned location. The Company believes that all expenditures incurred were for preliminary surveys, plans, investigations, and options analysis that were utilized in determining the feasibility and best solution to meet the system needs. The costs were instrumental in determining that the intended option was not feasible, and ultimately led to the decision to construct at an alternative location.