

February 26, 2021

VIA ELECTRONIC MAIL

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

RE: Docket 5098 - Proposed FY 2022 Electric Infrastructure, Safety, and Reliability Plan Responses to OER Data Requests – Set 1

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a National Grid (“National Grid” or the “Company”), enclosed¹, please find the Company’s response to data request OER 1-19 in the above-referenced matter.

This transmittal completes the Company’s responses to the Office of Energy Resources First Set of Data Requests in this 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,



Andrew S. Marcaccio

Enclosures

cc: Docket 5098 Service List
John Bell, Division
Greg Booth, Division
Tiffany Parenteau, Esq.
Al Contente, Division

¹ Per Commission counsel’s update on October 2, 2020, concerning the COVID-19 emergency period, the Company is submitting an electronic version of this filing followed by an original and five 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

February 26, 2021
Date

**Docket No. 5098 - National Grid's Electric ISR Plan FY 2022
Service List as of 2/10/2021**

Name/Address	E-mail Distribution	Phone
Andrew.Marcaccio, Esq. Jennifer Hutchinson, Esq. National Grid 280 Melrose St. Providence, RI 02907	Andrew.Marcaccio@nationalgrid.com;	401-784-7288
	jennifer.hutchinson@nationalgrid.com;	
	celia.obrien@nationalgrid.com;	
	Joanne.scanlon@nationalgrid.com;	
National Grid Melissa Little Patricia Easterly Kathy Castro Susan Toronto Ryan Constable William Richer	Melissa.Little@nationalgrid.com;	
	Patricia.easterly@nationalgrid.com;	
	Kathy.Castro2@nationalgrid.com;	
	Susan.Toronto@nationalgrid.com;	
	Ryan.Constable@nationalgrid.com;	
	William.Richer@nationalgrid.com;	
Division of Public Utilities (Division) Christy Hetherington, Esq. Dept. of Attorney General 150 South Main St. Providence, RI 02903	christy.hetherington@dpuc.ri.gov;	
	Dmacrae@riag.ri.gov;	
	MFolcarelli@riag.ri.gov;	
	John.bell@dpuc.ri.gov;	
	Joseph.shilling@dpuc.ri.gov;	
	Margaret.l.hogan@dpuc.ri.gov;	
	Linda.george@dpuc.ri.gov;	
Robert.Bailey@dpuc.ri.gov;		
David Efron Berkshire Consulting 12 Pond Path North Hampton, NH 03862-2243	Djeffron@aol.com;	603-964-6526

<p>Gregory L. Booth, PLLC 14460 Falls of Neuse Rd. Suite 149-110 Raleigh, N. C. 27614</p>	<p>gboothpe@gmail.com;</p>	<p>919-441-6440</p>
<p>Linda Kushner L. Kushner Consulting, LLC 514 Daniels St. #254 Raleigh, NC 27605</p>	<p>Lkushner33@gmail.com;</p>	<p>919-810-1616</p>
<p>Office of Energy Resources (OER) Albert Vitali, Esq. Dept. of Administration Division of Legal Services One Capitol Hill, 4th Floor Providence, RI 02908</p>	<p>Albert.Vitali@doa.ri.gov;</p>	<p>401-222-3417</p>
	<p>Nancy.Russolino@doa.ri.gov;</p>	
	<p>Christopher.Kearns@energy.ri.gov;</p>	
	<p>Nicholas.Ucci@energy.ri.gov ;</p>	
	<p>Carrie.Gill@energy.ri.gov ;</p>	
<p>File an original & five (5) copies w/: Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888</p>	<p>Luly.massaro@puc.ri.gov;</p>	<p>401-780-2107</p>
	<p>John.harrington@puc.ri.gov;</p>	
	<p>Cynthia.WilsonFrias@puc.ri.gov;</p>	
	<p>Todd.bianco@puc.ri.gov;</p>	
	<p>Emma.rodvien@puc.ri.gov;</p>	
	<p>Alan.nault@puc.ri.gov;</p>	
<p>Matthew Sullivan, Green Development</p>	<p>ms@green-ri.com;</p>	

OER 1-19

Request:

Please complete the following table:

	FY15	FY16	FY17	FY18	FY19	FY20
kWh sales						
Total kWh of distributed generation interconnected <i>[if this is not an available metric, please offer an alternative]</i>						
Total cost of system modifications to interconnect DER where cost is borne by developers/DER customers						
Total cost of system modifications to interconnect DER borne where cost is borne by non-DER customers						
Total cost of system modifications						

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5099
In Re: Gas Infrastructure, Safety, and Reliability Plan FY2022
Responses to the Commission’s First Set of Data Requests
Issued on January 13, 2021

	FY15	FY16	FY17	FY18	FY19	FY20
(sum of previous two rows) [<i>if this summation does not represent total cost of system modifications, please explain</i>]						
Total cost representative of system modifications that have been taken out of service, replaced, upgraded, or otherwise further modified before end-of-life as the result of either system modifications (via interconnection) or system improvements (via ISR)						

OER 1-19, page 2

Response:

Please see the Table in Attachment OER 1-19.

Fiscal Year ("FY") is determined by the interconnection date of each project with a system modification cost, in order to summarize costs paid to the Company during that time period. Only connected systems are included in this analysis. Row 2 has been provided in terms of total MW AC interconnected during each fiscal year as an alternative to the total kWh interconnected during the same time frames. The Company is providing total AC ratings of connected systems because these values are the best available data; to give this answer in terms of kWh would be in terms of estimated generation, which is based on the rating of the system.

Row 4, or total costs of system modifications borne by non-DER customers shows no cost in any fiscal year because system modification costs are paid for by customers who trigger system modifications with construction of a specific project. There is currently no scenario where system modifications would be covered by all other customers as per Sections 5.3 and 5.4 of the interconnection tariff.

Regarding Row 6, the Company does not track specifically assets removed from service due to construction of System Modifications before end-of-life. However, once the project is completed, the Company's plant accounting accurately reflects all new equipment and the removal of existing equipment. As System Modifications are paid for by the customer causing an upgrade, are considered zero.

Row	Item	FY15	FY16	FY17	FY18	FY19	FY20
1	kWh sales	7,567,447,102	7,474,611,624	7,441,355,338	7,363,599,742	7,497,674,845	7,136,310,826
2	Total kWh of distributed generation interconnected [<i>if this is not an available metric, please offer an alternative</i>] Alternative: Total MW AC of Connected DG	15.5	4.45	34.8	32.1	77.2	99.9
3	Total cost of system modifications to interconnect DER where cost is borne by developers/DER customers	\$372,636.00	\$15,697.16	\$5,900,693.64	\$1,524,670.35	\$11,765,387.05	\$12,192,340.69
4	Total cost of system modifications to interconnect DER borne where cost is borne by non-DER customers	0	0	0	0	0	0
5	Total cost of system modifications (sum of previous two rows) [<i>if this summation does not represent total cost of system modifications, please explain</i>]	\$372,636.00	\$15,697.16	\$5,900,693.64	\$1,524,670.35	\$11,765,387.05	\$12,192,340.69
6	Total cost representative of system modifications that have been taken out of service, replaced, upgraded, or otherwise further modified before end-of-life as the result of either system modifications (via interconnection) or system improvements (via ISR)	0	0	0	0	0	0