

September 1, 2021

VIA HAND DELIVERY

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

**RE: Docket 4770 – Application of The Narragansett Electric Company d/b/a
National Grid for Approval of a Change in Electric and Gas Base Distribution Rates
Performance Incentive Mechanism Midyear Report
January 2021 through June 2021**

Dear Ms. Massaro:

On behalf of National Grid, I have enclosed an electronic version¹ of the Company's Performance Incentive Mechanism Midyear Report for the period January 2021 through June 2021 in compliance with Article II, Section C.19.e of the Amended Settlement Agreement approved by the PUC on August 24, 2018 in the above-referenced docket.

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

Very truly yours,



Jennifer Brooks Hutchinson

Enclosures

cc: Docket 4770 Service List
John Bell, Division
Al Mancini, Division
Leo Wold, Esq.
Christy Hetherington, Esq.

¹ Per practice during the COVID-19 emergency period, the Company is providing PDF versions of the enclosures. The Company will provide the Commission Clerk with five (5) copies and, if needed, additional hard copies of the enclosures at a later date.

The Narragansett Electric Company
d/b/a National Grid

Performance Incentive Mechanism

2021 Midyear Report
January 2021 through June 2021

September 1, 2021

Docket No. 4770

Submitted to:

Rhode Island Public Utilities Commission

Submitted by:

nationalgrid

I. Introduction

Pursuant to Article II, Section C.19 of the Amended Settlement Agreement dated August 16, 2018, in Docket No. 4770, The Narragansett Electric Company d/b/a National Grid (National Grid or the Company) submits to the Rhode Island Public Utilities Commission (PUC) this midyear report for the period January 2021 through June 2021 on the Company's Performance-Based Incentive Mechanism and Scorecard Metrics.

II. Performance-based Incentive Mechanism

System Efficiency: Annual Megawatt Capacity Savings

In the period January through June 2021, the Company enrolled a total of 48 megawatts (MW) of capacity towards its Annual MW Capacity Savings goal of 29 MW. The Company will report its total annual capacity savings in its 2021 Annual Report.

Resource Type	Customers Enrolled	Estimated Capacity Curtailment (MW)
Residential Thermostat Demand Response	3,933	3
Residential Battery	204	1
Commercial & Industrial Demand Response	180	44
Total		48

III. Scorecard Metrics

Distributed Energy Resources – Carbon Dioxide: Consumer Electric Vehicles

The Company reports 3,046 consumer electric vehicles (EVs) in operation as of June 30, 2021.¹ This number is lower than the consumer EV forecast set forth in the Amended Settlement Agreement and, as such, there is no incremental carbon dioxide savings associated with the consumer EVs at this time.

Consumer EV Type	2021 Registered Consumer EV Forecast	Registered Consumer EVs as of June 30, 2021
BEV	2,600	1,504
PHEV	2,209	1,542
Total	3,863	3,046

¹ According to vehicle registration data from IHSMarkit/R.L. Polk.

Distributed Energy Resources - Light Duty Government and Commercial Fleet Electrification

The Company reports 187 light duty government and commercial fleet EVs in operation in its service territory as of June 30, 2021.²

Fleet Type	2021 Registered Fleet EV Forecast	Registered Fleet EVs as of June 30, 2021
Government	-	51
Commercial	-	136
Total	307	187

PST Enablement - Activated Apartment Building and Disadvantaged Community Electric Vehicle Supply Equipment Sites

The Company activated no new Electric Vehicle Supply Equipment (EVSE) sites at apartment buildings and in disadvantaged communities in the period January through June 2021. The Company had already filled its program goals for Apartment Buildings and Disadvantaged Communities prior to the start of 2021. The Company plans to activate additional sites in Rate Year 4.

EVSE Site Locations	Activated Sites	Activated Ports
Apartment Buildings	0	0
Disadvantaged Communities	0	0
Total	0	0

Distributed Generation Interconnections

Interconnection Category	No. of Applications	Avg. No. of Business Days from Executed Interconnection Service Agreement to Distribution System Modifications Complete
Simple	0	N/A
Expedited	2	317
Standard	2	360

² According to vehicle registration data from IHSMarkit/R.L. Polk.

Distributed Generation-Friendly Substation Transformers

The Company completed four (4) incremental 3V₀ installations at substations at Chopmist, Eldred, Riverside, and Putnam Pike in the period January to June 2021.

Utilization of EVSE in Low-income Areas

Calendar Year Quarter	No. of Stations in Operation in Low-Income Areas	Avg. Utilization (Charging Time/Total Time)
Q1 2021	11	<1%
Q2 2021	11	<1%

Reduction of Uncollectible Debt

More than 2,000 customers were enrolled in the Arrearage Management Program (AMP) at the end of June 2021.

Month Ending	Gas Customers Enrolled in AMP	Electric Customers Enrolled in AMP	Total Customers Enrolled in AMP
January 2021	365	1,043	1,408
February 2021	345	1,004	1,349
March 2021	350	1,047	1,397
April 2021	359	1,043	1,402
May 2021	440	1,189	1,629
June 2021	634	1,493	2,127

Increased Stability of Service through Increased Enrollment in the Low Income Discount

The number of residential customer account enrollments in the Low Income Discount (LID) is represented by the number of accounts receiving delivery service on Rate A-60.

Month Ending	Gas Customers Enrolled in LID	Electric Customers Enrolled in LID	Total Customers Enrolled in LID
January 2021	19,216	31,255	50,471
February 2021	19,477	32,506	51,983
March 2021	19,889	31,937	51,826

Month Ending	Gas Customers Enrolled in LID	Electric Customers Enrolled in LID	Total Customers Enrolled in LID
April 2021	19,973	32,200	52,173
May 2021	21,484	32,593	54,077
June 2021	20,641	32,595	53,236

Nonregulated Power Producer Residential Customer Demand Response Participation

As of June 30, 2021, the Company had enrolled 245 residential customers who purchase electricity from Nonregulated Power Producers (NPPs) enrolled in the residential DR program, ConnectedSolutions.

Residential Customers Purchasing Supply from NPPs	Residential Customers Enrolled in DR Program	NPP Residential Customer DR Participants
43,820	3,933	245

Distributed Energy Resources - Installed Energy Storage Capacity

The Company interconnected 0.645 MW (total AC name plate rating) of energy storage capacity from January through June 2021. This capacity represents 1.127 MW-hours of total storage capacity.

Installed Energy Storage Capacity			
Time Period	Number of Applications	Total AC Name Plate Rating (MW)	Total Storage Capacity (MWh)
January 2021	16	0.141	0.316
February 2021	11	0.076	0.148
March 2021	11	0.097	0.175
April 2021	8	0.071	0.125
May 2021	15	0.111	0.161
June 2021	20	0.150	0.202
CYTD Total	81	0.645	1.127

Power Sector Transformation Enablement – Distributed Generation Interconnection – Time to ISA

The Company outperformed the tariff timelines for providing an executable ISA in the period January through June 2021.

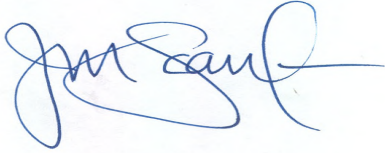
Interconnection Category	Tariff Allowed Days for ISA ³	Avg. Actual Days for ISA January - June 2021
Simple	20	1
Expedited	45	22
Standard	105	57

³ See RIPUC No. 2180, Standards for Connecting Distributed Generation, Section 3.5, Table 1.

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

September 1, 2021

Date

**National Grid Docket No. 4770 (Rate Application) & Docket No. 4780 (PST)
Combined Service list updated 8/12/2021**

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