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July 11, 2024

VIA ELECTRONIC MAIL

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

RE: Docket No. 24-06-EE – The Narragansett Electric Company’s d/b/a Rhode Island Energy’s System Reliability Procurement Investment Proposal for Electric Demand Response 2024-2026 – ConnectedSolutions Supplemental Responses to PUC 2-24, PUC 2-25, and PUC 2-30

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a Rhode Island Energy (the “Company”), enclosed please find the Company’s supplemental responses to PUC 2-24, PUC 2-25, and PUC 2-30. These responses do not impact the Company’s compliance filing dated July 3, 2024.

In its initial responses to PUC 2-24, PUC 2-25, and PUC 2-30 dated June 5, 2024, the Company noted that it had requested historical data from National Grid and would supplement the responses once the data was received. The Company has received such historical data from National Grid and supplemented its responses accordingly.

Thank you for your attention to this filing. If you have any questions, please 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. 24-06-EE Service List

The Narragansett Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 24-06-EE
In Re: System Reliability Proposal For
Electric Demand Response 2024-2026 Connected Solutions
Responses to the Commission’s Second Set of Data Requests
Issued on May 17, 2024

PUC 2-24-Supplemental

Request:

Please provide a table with historic and forecasted (i.e. 2019 through 2026) information of expected and (where applicable) actual participants in each pathway. Please include a year-to-date and forecast for 2024.

Original Response:

The table below represents the actual number of participants per ConnectedSolutions pathway from 2019-2023 and the estimated number of participants for 2024-2026.

	(a)	(b)	(c)	(d)	(e)	(f)
(1)	Year	BYOT Enrolled Devices	RSB Battery Enrolled Devices	EVDR Enrolled Devices	Daily Dispatch Number of Participants	Targeted Dispatch Number of Participants
(2)	2019	Over 3,100	TBD	N/A	115*	
(3)	2020	TBD	TBD	N/A	13	152
(4)	2021	5,949	287	N/A	TBD	TBD
(5)	2022	5,994	256	N/A	51 or TBD	146 or TBD
(6)	2023	11,240	722	N/A	56	129
(7)	2024	YTD: 12,249 Forecasted: 15,379	YTD: 856 Forecasted: 862	YTD: N/A 500	16,114 kW	12,940 kW
(8)	2025	19,379	912	1,250	17,726 kW	13,587 kW
(9)	2026	23,379	1,062	2,250	19,498 kW	14,266 kW

*Data for 2019 C&I participants is not separated by pathway.

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PUC 2-24-Supplemental, page 2

Please note that expected Daily and Targeted Dispatch participation for the 2024-2026 program years was estimated based on anticipated load shed in kW, rather than number of participants. The historical participation numbers were pulled from previous Rhode Island Energy Efficiency Year-End Reports filed with the PUC. Some Year-End Reports did not specify the number of participants. The Company has requested this data from National Grid and will supplement this response once the data has been received.

Supplemental Response:

The Company received supplemental data from National Grid for historical participation in the Commercial and Industrial track. The number of Commercial participants for program years 2019-2022 have been updated accordingly in the table below.

	(a)	(b)	(c)	(d)	(e)	(f)
(1)	Year	BYOT Enrolled Devices	RSB Battery Enrolled Devices	EVDR Enrolled Devices	Daily Dispatch Number of Participants	Targeted Dispatch Number of Participants
(2)	2019	Over 3,100	TBD	N/A	N/A	115
(3)	2020	TBD	TBD	N/A	13	152
(4)	2021	5,949	287	N/A	29	151
(5)	2022	5,994	256	N/A	52	146
(6)	2023	11,240	722	N/A	56	129
(7)	2024	YTD: 12,249 Forecasted: 15,379	YTD: 856 Forecasted: 862	YTD: N/A 500	16,114 kW	12,940 kW
(8)	2025	19,379	912	1,250	17,726 kW	13,587 kW
(9)	2026	23,379	1,062	2,250	19,498 kW	14,266 kW

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PUC 2-25-Supplemental

Request:

Please provide a table with historic and forecasted (i.e. 2019 through 2026) information of expected and (where applicable) actual demand reduction for each pathway. Please include a year-to-date and forecast for 2024.

Original Response:

The table below includes the actual load shed per ConnectedSolutions pathway during the 2019-2023 program years and the forecasted load shed per pathway for the 2024-2026 program years.

	(a)	(b)	(c)	(d)	(e)	(f)
(1)	Year	BYOT End of Season Performance (MW)	RSB Battery (MW)	EVDR (kW)	Daily Dispatch (MW)	Targeted Dispatch (MW)
(2)	2019	1.88		N/A	31.5	
(3)	2020	TBD	TBD	N/A	4.0	24.2
(4)	2021	TBD	TBD	N/A	13.0*	25.0*
(5)	2022	TBD	TBD	N/A	13.0*	19.0*
(6)	2023	7.31	2.22	N/A	14.6	12.3
(7)	2024	9.98	5.03	0.16	16.1	12.9
(8)	2025	12.6	5.33	0.40	17.7	13.6
(9)	2026	15.2	6.20	0.72	19.5	14.3

* The 2021 and 2022 Commercial ConnectedSolutions load shed was reported in capacity commitments rather than actual delivered capacity.

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PUC 2-25-Supplemental, page 2

The historical demand reduction was pulled from previous Rhode Island Energy Efficiency Year-End Reports filed with the PUC. Some Year-End Reports did not include data specifying demand reduction. The Company has requested this data from National Grid and will supplement this response once the data has been received.

Supplemental Response:

The Company received supplemental data from National Grid for historical load shed in the Commercial and Industrial track. The Commercial average load shed for program years 2019-2022 has been updated accordingly in the table below.

	(a)	(b)	(c)	(d)	(e)	(f)
(1)	Year	BYOT End of Season Performance (MW)	RSB Battery (MW)	EVDR (kW)	Daily Dispatch (MW)	Targeted Dispatch (MW)
(2)	2019	1.88		N/A	N/A	31.6
(3)	2020	TBD	TBD	N/A	4.19	26.6
(4)	2021	TBD	TBD	N/A	7.95	19.2
(5)	2022	TBD	TBD	N/A	12.7	15.1
(6)	2023	7.31	2.22	N/A	14.6	12.3
(7)	2024	9.98	5.03	0.16	16.1	12.9
(8)	2025	12.6	5.33	0.40	17.7	13.6
(9)	2026	15.2	6.20	0.72	19.5	14.3

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PUC 2-30-Supplemental

Request:

RIE has proposed a \$1 million per customer incentive cap per year. What fraction (in percent) of each annual budget is:

- a. \$1 million
- b. \$1.375 million
- c. What is the minimum, maximum, and average incentive paid out to any C&I customer for 2019 through 2023?
- d. For 2019 through 2023, how many actual participants, if any, would have exceeded proposed \$1 million per-customer cap?

Original Response:

- a. \$1 million is 10%, 9.6%, and 8.6% of the annual budget for the 2024 through 2026 program years, respectively.
- b. \$1.375 million is 14%, 13%, and 12% of annual budget for the 2024 through 2026 program years, respectively.
- c. The table below includes data regarding the minimum, maximum, and average incentive payments per season per C&I pathway.

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PUC 2-30-Supplemental, page 2

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
(1)	Program	Minimum Incentive Payment		Maximum Incentive Payment		Average Incentive Payment	
(2)	Year	Daily Dispatch	Targeted Dispatch	Daily Dispatch	Targeted Dispatch	Daily Dispatch	Targeted Dispatch
(3)	2019	Data Unavailable	Data Unavailable	Data Unavailable	Data Unavailable	Data Unavailable	Data Unavailable
(4)	2020	Data Unavailable	Data Unavailable	Data Unavailable	Data Unavailable	Data Unavailable	Data Unavailable
(5)	2021	Data Unavailable	Data Unavailable	Data Unavailable	Data Unavailable	Data Unavailable	Data Unavailable
(6)	2022	\$3,110	\$0	\$1,024,612	\$70,020	\$74,818	\$3,625
(7)	2023	\$0	\$0	\$1,073,355	\$62,164	\$78,479	\$3,781

- d. The 2019-2021 individual incentive payment data is unavailable at this time. The Company has requested the data from National Grid and will supplement this response once the historical data is received.

During the 2022-2023 program years, there has been one participant who received an incentive payment exceeding \$1 million. This participant received over \$1 million in both the 2022 and 2023 ConnectedSolutions seasons.

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PUC 2-30-Supplemental, page 3

Supplemental Response:

- c. The Company received supplemental data from National Grid for historical participant payment data in the Commercial and Industrial track. The minimum, maximum, and average incentive payments for program years 2019-2022 have been updated accordingly in the table below.

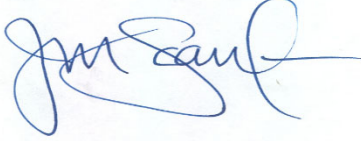
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
(1)	Program	Minimum Incentive Payment		Maximum Incentive Payment		Average Incentive Payment	
(2)	Year	Daily Dispatch	Targeted Dispatch	Daily Dispatch	Targeted Dispatch	Daily Dispatch	Targeted Dispatch
(3)	2019	N/A	\$0	N/A	\$222,734	N/A	\$9,604
(4)	2020	\$5,209	\$0	\$458,442	\$146,225	\$96,686	\$6,125
(5)	2021	\$1,056	\$0	\$562,830	\$115,256	\$82,252	\$4,566
(6)	2022	\$3,110	\$0	\$1,024,612	\$70,020	\$73,457	\$3,625
(7)	2023	\$0	\$0	\$1,073,355	\$62,164	\$78,479	\$3,781

- d. During the 2019-2023 program years, there has been one participant who received an incentive payment exceeding \$1 million. This participant received over \$1 million in both the 2022 and 2023 ConnectedSolutions seasons.

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

July 11, 2024
Date

**Docket No. 24-06-EE – Rhode Island Energy System Reliability Procurement (“SRP”)
Investment Proposal for Electric Demand Response 2024-2026 – ConnectedSolutions
Service list 6/24/2024**

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