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June 21, 2022

VIA ELECTRONIC MAIL

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

**RE: Docket 5076 – 2021 Energy Efficiency Plan Year-End Report
Responses to PUC Data Requests – Set 1**

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a Rhode Island Energy (the “Company”), enclosed, please find an electronic version¹ of the Company’s responses to the Public Utilities Commission’s First Set of Data Requests in the above-referenced matter.

Thank you for your attention to this filing. If you have any questions, please do not hesitate to contact me at 401-784-4263.

Sincerely,

A handwritten signature in blue ink, appearing to read "Andrew S. Marcaccio".

Andrew S. Marcaccio

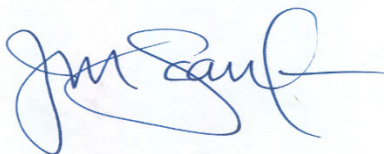
cc: Docket 5076 Service List
Margaret L. Hogan, Esq.
John Bell, Division
Joel Munoz, Division

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

June 21, 2022
Date

**Docket No. 5076 – The Narragansett Electric Co. d/b/a Rhode Island Energy
– 2021-2023 Energy Efficiency Program Plan & 2021 Annual Energy
Efficiency Program Plan
Service list updated 6/1/2022**

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PUC 1-1

Request:

Referencing Table E-1 of the 2021 Year End Report (Docket No. 5076), please explain the following:

- a. Does the Planned \$/Lifetime kWh column include planned customer contributions? If the answer is no, please explain the decision to exclude customer contributions from this metric.
- b. Does the Actual \$/Lifetime kWh column include actual customer contributions? If the answer is no, please explain the decision to exclude customer contributions from this metric.

Response:

- a. No, the planned \$/Lifetime kWh column in Table E-1 of the 2021 Year End Report (Docket No. 5076) does not contain customer contributions. The decision to exclude customer contributions was made because prior Year End Reports had also excluded customer contributions from the planned and actual \$/Lifetime kWh columns in Table E-1. This was meant to create a more equal comparison when comparing planned vs. actuals in the current year end report and between prior year end reports across different years. Finally, utilizing only implementation expenses for the \$/kWh calculation in the Year End Report presents a focused result of the utility's performance in managing its energy efficiency investments in delivery of the program in a given year and compared to prior years. This focus on program administrator performance is similar to the other comparisons in Table E-1; introducing customer costs in the calculation of \$/kWh would dilute this focus.
- b. No, the actual \$/Lifetime kWh column in Table E-1 of the 2021 Year End Report (Docket No. 5076) does not contain customer contributions. See the explanation above for why the decision was made to exclude customer contributions from this metric.

The Narraganset Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 5076
In Re: 2021 Energy Efficiency Year-End Report
Responses to the Commission's First Set of Data Requests
Issued on June 14, 2022

PUC 1-2

Request:

Please re-file Table E-1 of the 2021 Year End Report with Planned and Actual \$/Lifetime kWh columns that include planned and actual customer contributions, respectively.

Response:

Please see Attachment PUC 1-2.

Attachment PUC 1-2
COMPANY ENERGY EFFICIENCY PROGRAMS IN RHODE ISLAND
Table E-1: Summary of 2021 Target and Year End Results

Sector and Program	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
	Demand Reduction (Annual kW)			Energy Savings (Annual MWh)			Customer Participation			Implementation Expenses (\$ 000)			Energy Savings (Lifetime MWh)			\$ / Lifetime kWh (w/o Customer Costs)		\$ / Lifetime kWh (w/ Customer Costs)	
	Target	Actual	Pct Achieved	Target	Actual	Pct Achieved	Approved Target	Actual	Pct Achieved	Budget	Actual	Pct Achieved	Planned	Actual	Pct Achieved	Planned	Actual	Planned	Actual
Commercial & Industrial																			
Large Commercial New Construction	1,856	1,728	93.1%	11,837	13,527	114.3%	145	121	83.6%	\$ 8,188.2	\$ 8,293.7	101.3%	189,441	203,780	107.6%	\$ 0.043	\$ 0.041	\$ 0.048	\$ 0.054
Large Commercial Retrofit	11,648	6,199	53.2%	59,496	42,289	71.1%	2,882	3,080	106.9%	\$ 31,565.2	\$ 23,407.6	74.2%	744,562	450,665	60.5%	\$ 0.042	\$ 0.052	\$ 0.058	\$ 0.076
Small Business Direct Install	1,134	1,554	137.0%	9,696	9,616	99.2%	571	480	84.1%	\$ 8,883.6	\$ 7,483.2	84.2%	105,134	118,133	112.4%	\$ 0.084	\$ 0.063	\$ 0.103	\$ 0.083
Commercial ConnectedSolutions										\$ 2,990.1	\$ 3,086.3	103.2%							
Commercial Pilots										\$ -	\$ -	0.0%							
Community Based Initiatives - C&I										\$ 74.5	\$ -	0.0%							
Financing										\$ 5,000.0	\$ -	0.0%							
SUBTOTAL	14,638	9,481	64.8%	81,029	65,433	80.8%	3,598	3,681	102.3%	\$ 56,701.6	\$ 42,270.7	74.5%	1,039,136	772,578	74.3%	\$ 0.055	\$ 0.055	\$ 0.069	\$ 0.075
Income Eligible Residential																			
Single Family - Income Eligible Services	457	397	86.7%	3,120	2,427	77.8%	3,412	5,362	157.1%	\$ 12,846.1	\$ 8,393.9	65.3%	36,909	21,505	58.3%	\$ 0.348	\$ 0.390	\$ 0.348	\$ 0.390
Income Eligible Multifamily	70	89	127.3%	1,554	1,835	118.1%	3,600	630	17.5%	\$ 3,549.0	\$ 3,447.4	97.1%	22,545	24,838	110.2%	\$ 0.157	\$ 0.139	\$ 0.157	\$ 0.141
SUBTOTAL	527	486	92.1%	4,674	4,262	91.2%	7,012	5,992	85.5%	\$ 16,395.1	\$ 11,841.3	72.2%	59,454	46,342	77.9%	\$ 0.276	\$ 0.256	\$ 0.276	\$ 0.257
Non-Income Eligible Residential																			
Residential New Construction	66	110	167.4%	979	876	89.4%	417	484	116.1%	\$ 1,611.3	\$ 1,137.8	70.6%	18,088	16,495	91.2%	\$ 0.089	\$ 0.069	\$ 0.136	\$ 0.116
ENERGY STAR® HVAC	204	320	156.6%	3,181	5,220	164.1%	5,037	8,132	161.4%	\$ 3,487.8	\$ 4,334.7	124.3%	51,309	87,424	170.4%	\$ 0.068	\$ 0.050	\$ 0.094	\$ 0.090
EnergyWise	445	707	159.2%	2,841	4,425	155.7%	11,223	14,640	130.4%	\$ 15,692.2	\$ 22,381.3	142.6%	14,385	19,711	137.0%	\$ 1.091	\$ 1.135	\$ 1.139	\$ 1.209
EnergyWise Multifamily	158	232	146.9%	1,240	1,494	120.5%	3,600	924	25.7%	\$ 2,804.3	\$ 1,335.5	47.6%	16,307	10,271	63.0%	\$ 0.172	\$ 0.130	\$ 0.205	\$ 0.150
Home Energy Reports	3,692	4,333	117.4%	26,852	31,512	117.4%	323,248	280,677	86.8%	\$ 2,641.7	\$ 2,374.9	89.9%	26,852	31,512	117.4%	\$ 0.098	\$ 0.075	\$ 0.098	\$ 0.075
ENERGY STAR® Lighting	1,872	2,016	107.7%	11,533	12,628	109.5%	68,164	70,210	103.0%	\$ 5,274.8	\$ 3,938.7	74.7%	26,801	26,542	99.0%	\$ 0.197	\$ 0.148	\$ 0.159	\$ 0.202
Residential Consumer Products	1,019	1,115	109.5%	5,926	5,515	93.1%	33,111	33,692	101.8%	\$ 2,681.2	\$ 2,535.1	94.5%	38,130	35,916	94.2%	\$ 0.070	\$ 0.071	\$ 0.105	\$ 0.102
Residential ConnectedSolutions										\$ 1,920.5	\$ 611.5	31.8%							
Energy Efficiency Education Programs										\$ 40.0	\$ 40.0	100.1%							
Residential Pilots										\$ -	\$ 0.0	0.0%							
Community Based Initiatives - Residential										\$ 226.2	\$ 114.8	50.7%							
Comprehensive Marketing - Residential										\$ 332.7	\$ 264.1	79.4%							
SUBTOTAL	7,455	8,834	118.5%	52,553	61,670	117.3%	444,801	408,759	91.9%	\$ 36,712.7	\$ 39,068.3	106.4%	191,872	227,870	118.8%	\$ 0.191	\$ 0.171	\$ 0.105	\$ 0.209
Regulatory																			
OER										\$ 738.5	\$ 738.5	100.0%							
EERMC										\$ 738.5	\$ 645.1	87.4%							
SUBTOTAL										\$ 1,477.0	\$ 1,383.6	93.7%							
TOTAL	22,621	18,800	83.1%	138,256	131,365	95.0%	455,411	418,432	91.9%	\$ 111,286.3	\$ 94,564.0	85.0%	1,290,462	1,046,790	81.1%	\$ 0.086	\$ 0.090	\$ 0.100	\$ 0.114

NOTES

- (1)(4)(7) Targets from Docket 5076 - Attachment 5, Table E-7 (electric), Refiled December 22, 2020.
- (3) Pct Achieved is Column (2)/ Column (1).
- (6) Pct Achieved is Column (5)/ Column (4).
- (8) Participation was planned and is reported in 'net' terms which takes into account free-ridership and spillover.
- (9) Pct Achieved is Column (8)/ Column (7).
- (10) Approved Implementation Budget from Docket 5076, Attachment 5 Table E-3 (electric), Refiled December 22, 2020.
- (11) Year To Date Expenses includes implementation expenses.
- (12) Pct Achieved is Column (11)/ Column (10).
- (15) Pct Achieved is Column (14)/ Column (13).
- (16) Planned \$/lifetime MWh from Docket 5076 - Attachment 5, Table E-5 (electric), Refiled December 22, 2020 - adjusted to reflect format of quarterly and year end report.. Program Implementation Expenses/lifetime kWh. = Column (10) / Column (13)
- (17) \$/lifetime kWh (w/o customer costs) = Column (11)/Column (14).
- (19) \$/lifetime kWh (w/ customer costs) = Column (11)+Column(4) from table E-3/Column (14).

PUC 1-3

Request:

Referencing Table G-1 of the 2021 Year End Report (Docket No. 5076), please explain the following:

- a. Does the Planned \$/Lifetime MMBtu column include planned customer contributions? If the answer is no, please explain the decision to exclude customer contributions from this metric.
- b. Does the Actual \$/Lifetime MMBtu column include actual customer contributions? If the answer is no, please explain the decision to exclude customer contributions from this metric.

Response:

- a. No, the planned \$/Lifetime MMBtu column in Table G-1 of the 2021 Year End Report (Docket No. 5076) does not contain customer contributions. The decision to exclude customer contributions was made because prior Year End Reports had also excluded customer contributions from the planned and actual \$/Lifetime MMBtu columns in Table G-1. This was meant to create a more equal comparison when comparing planned vs. actuals in the current year end report and between prior year end reports across different years. Finally, utilizing only implementation expenses for the \$/MMBtu calculation in the Year End Report presents a focused result of the utility's performance in managing its energy efficiency investments in delivery of the program in a given year and compared to prior years. This focus on program administrator performance is similar to the other comparisons in Table G-1; introducing customer costs in the calculation of \$/MMBtu would dilute this focus.
- b. No, the actual \$/Lifetime MMBtu column in Table G-1 of the 2021 Year End Report (Docket No. 5076) does not contain customer contributions. See the explanation above for why the decision was made to exclude customer contributions from this metric.

The Narraganset Electric Company
d/b/a Rhode Island Energy
RIPUC Docket No. 5076
In Re: 2021 Energy Efficiency Year-End Report
Responses to the Commission's First Set of Data Requests
Issued on June 14, 2022

PUC 1-4

Request:

Please re-file Table G-1 of the 2021 Year End Report with Planned and Actual \$/Lifetime MMBtu columns that include planned and actual customer contributions, respectively.

Response:

Please see Attachment PUC 1-4.

Attachment PUC 1-4
COMPANY ENERGY EFFICIENCY PROGRAMS IN RHODE ISLAND
Table G-1: Summary of 2021 Target and Year End Results

Sector and Program	(1) (2) (3)			(4) (5) (6)			(7) (8) (9)			(10) (11) (12)			(13) (14)		(15) (16)		(17)		
	Energy Savings (Annual MMBtu)			Customer Participation			Implementation Expenses (\$ 000)			Customer Costs (\$ 000)		Energy Savings (Lifetime MMBtu)			\$/Lifetime MMBtu (without Customer Costs)		\$/Lifetime MMBtu (with Customer Costs)		Peak Hour Gas Demand Savings (MMBtu)
	Approved Target	Actual	Pct Achieved	Approved Target	Actual	Pct Achieved	Approved Budget	Actual	Pct Achieved	Planned	Actual	Planned	Actual	Pct Achieved	Planned	Actual	Planned	Actual	Year to Date
Commercial & Industrial																			
Large Commercial New Construction	27,631	50,025	181.0%	61	47	76.8%	\$ 2,634.2	\$ 2,569.7	97.6%	\$ (166.4)	\$ (154.5)	437,398	692,613	158.3%	\$ 6.02	\$ 3.71	\$ 5.84	\$ 3.49	25.01
Large Commercial Retrofit	187,283	76,159	40.7%	98	66	67.5%	\$ 5,054.1	\$ 3,278.1	64.9%	\$ 3,387.0	\$ 1,812.9	1,455,776	717,900	49.3%	\$ 3.47	\$ 4.57	\$ 5.80	\$ 7.09	38.08
Small Business Direct Install	4,886	5,949	121.7%	183	106	58.0%	\$ 332.7	\$ 158.7	47.7%	\$ 69.4	\$ 79.0	48,861	64,537	132.1%	\$ 6.81	\$ 2.46	\$ 8.23	\$ 3.68	2.97
Commercial & Industrial Multifamily	9,444	3,836	40.6%	729	88	12.1%	\$ 953.2	\$ 951.4	99.8%	\$ 84.0	\$ 132.0	141,869	57,807	40.7%	\$ 6.72	\$ 16.48	\$ 7.31	\$ 18.74	1.92
Commercial Pilots							\$ 215.8	\$ 105.5	48.9%										
Finance Costs							\$ -	\$ -	0.0%										
Community Based Initiatives - C&I							\$ 24.8	\$ -	0.0%										
SUBTOTAL	229,243	135,968	59.3%	1,071	307	28.7%	\$ 9,214.8	\$ 7,063.4	76.7%	\$ 3,374.0	\$ 1,869.3	2,083,905	1,532,857	73.6%	\$ 4.42	\$ 4.61	\$ 6.04	\$ 5.83	67.98
Income Eligible Residential																			
Single Family - Income Eligible Services	10,055	6,635	66.0%	1,005	585	58.2%	\$ 5,952.3	\$ 3,956.4	66.5%	\$ -	\$ -	201,104	132,704	66.0%	\$ 29.60	\$ 29.81	\$ 29.60	\$ 29.81	3.32
Income Eligible Multifamily	14,399	11,810	82.0%	3,150	2,661	84.5%	\$ 3,009.4	\$ 2,764.6	91.9%	\$ -	\$ 359.3	315,545	198,615	62.9%	\$ 9.54	\$ 13.92	\$ 9.54	\$ 15.73	5.90
SUBTOTAL	24,454	18,445	75.4%	4,155	3,246	78.1%	\$ 8,961.8	\$ 6,721.0	75.0%	\$ -	\$ 359.3	516,649	331,319	64.1%	\$ 17.35	\$ 20.29	\$ 17.35	\$ 21.37	9.22
Non-Income Eligible Residential																			
Energy Star® HVAC	38,345	29,363	76.6%	4,348	3,548	81.6%	\$ 3,673.0	\$ 2,635.3	71.7%	\$ 4,539.3	\$ 2,252.4	667,485	514,514	77.1%	\$ 5.50	\$ 5.12	\$ 12.30	\$ 9.50	14.68
EnergyWise	20,869	34,139	163.6%	1,694	5,381	317.7%	\$ 8,117.6	\$ 16,227.2	199.9%	\$ 697.9	\$ 1,354.6	476,550	786,836	165.1%	\$ 17.03	\$ 20.62	\$ 18.50	\$ 22.34	17.07
EnergyWise Multifamily	8,633	7,567	87.7%	4,000	420	10.5%	\$ 1,491.6	\$ 1,608.2	107.8%	\$ 344.0	\$ 336.1	148,675	152,194	102.4%	\$ 10.03	\$ 10.57	\$ 12.35	\$ 12.78	3.78
Home Energy Reports	93,548	88,173	94.3%	152,324	152,239	99.9%	\$ 450.9	\$ 400.3	88.8%	\$ -	\$ -	93,548	88,173	94.3%	\$ 4.82	\$ 4.54	\$ 4.82	\$ 4.54	44.09
Residential New Construction	4,445	2,769	62.3%	323	92	28.5%	\$ 674.8	\$ 397.6	58.9%	\$ 670.9	\$ 347.5	85,272	48,111	56.4%	\$ 7.91	\$ 8.26	\$ 15.78	\$ 15.49	1.38
Comprehensive Marketing - Residential							\$ 64.8	\$ 73.7	113.8%										
Community Based Initiatives - Residential							\$ 75.8	\$ 38.2	50.3%										
SUBTOTAL	165,840	162,011	97.7%	162,689	161,680	99.4%	\$ 14,548.5	\$ 21,380.5	147.0%	\$ 6,252.2	\$ 4,290.6	1,471,530	1,589,829	108.0%	\$ 9.89	\$ 13.45	\$ 14.14	\$ 16.15	81.01
Regulatory																			
EERMC							\$ 275.1	\$ 240.3	87.4%										
OER							\$ 275.1	\$ 275.1	100.0%										
SUBTOTAL							\$ 550.1	\$ 515.3	93.7%										
TOTAL	419,537	316,424	75.4%	167,915	165,233	98.4%	\$ 33,275.2	\$ 35,680.2	107.2%	\$ 9,626.2	\$ 6,519.2	4,072,084	3,454,006	84.8%	\$ 8.17	\$ 10.33	\$ 10.54	\$ 12.22	168.21

NOTES
(1) (4) Targets from Docket 5076 - Attachment 6, Table G-7 (gas), Refiled December 22, 2020.
(3) Pct Achieved is Column (2) / Column (1).
(4) Participation was planned and is reported in 'net' terms which takes into account free-ridership and spillover.
(6) Pct Achieved is Column (5) / Column (4).
(9) Pct Achieved is Column (8) / Column (7).
(13) Planned \$/lifetime MMBtu from Docket 5076 - Attachment 6, Table G-5 (gas), Refiled December 22, 2020 - adjusted to reflect format of quarterly and year end report. Program Implementation Expenses/lifetime MMBtu.
(12) Pct Achieved is Column (11) / Column (10).
(14) Actual \$/lifetime MMBtu = Column (8)*1000/Column (11)
(16) Actual \$/lifetime MMBtu = Column (8)*1000 + Column (4) from G-3*1000/Column (11)
(17) Peak Hour Gas Demand Savings is a test metric in 2021 and represents a rough approximation of peak-hour gas demand impacts. Column(2) * 0.01 * 0.05