

March 26, 2021

VIA ELECTRONIC MAIL

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

RE: Docket 5127 – 2021 Annual Retail Rate Filing
Responses to PUC Data Requests – Set 3

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 responses to the Public Utilities Commission’s (“PUC”) Third Set of Data Requests. This transmittal represents a resubmittal of Set 3 with appropriate redactions to Attachments PUC 3-7-1 and PUC 3-7-2 in the above-referenced docket.

Please note that responses to PUC 3-2 and PUC 3-3 (March 19, 2021), a revised response to PUC 3-1 (March 24, 2021), and a revised response to PUC 3-4 (March 24, 2021) were filed under separate cover and do not need to be resubmitted.

Please be advised that the Company considers portions of Attachments PUC 3-7-1 and PUC 3-7-2 to be confidential. Pursuant to 810-RICR-00-00-1.3(H)(3) and R.I. Gen. Laws §§ 38-2-2(4)(A)(I)(b) and 38-2-2(4)(B), the Company respectfully requests that the Commission treat the redacted portions of Attachments PUC 3-7-1 and PUC 3-7-2 as confidential. In support of this request, the Company filed a Motion for Protective Treatment of Confidential Information on March 26, 2021. In accordance with 810-RICR-00-00-1.3(H)(2), the Company also respectfully requests that the Commission make a preliminary finding that the confidential information be exempt from the mandatory public disclosure requirements of the Rhode Island Access to Public Records Act.

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 five hard copies filed with the Clerk within 24 hours of the electronic filing.

Luly E. Massaro, Commission Clerk
Docket 5127 - 2021 Annual Retail Rate Filing
March 26, 2021
Page 2 of 2

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 5127 Service List
John Bell, Division
Al Mancini, Division
Leo Wold, Esq.

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 26, 2021
Date

National Grid – 2021 Annual Retail Rate Filing - Docket No. 5127
Service List Updated 2/15/2021

Name/Address	E-mail Distribution	Phone
National Grid Andrew S. Marcaccio, Esq. National Grid. 280 Melrose St. Providence, RI 02907	andrew.marcaccio@nationalgrid.com ;	401-784-4263
	Celia.obrien@nationalgrid.com ;	
	Joanne.scanlon@nationalgrid.com ;	
	theresa.burns@nationalgrid.com ;	
	Scott.mccabe@nationalgrid.com ;	
	Adam.crary@nationalgrid.com ;	
	Tiffany.Forsyth@nationalgrid.com ;	
	Michael.artuso@nationalgrid.com ;	
	Alexei.Spinu@nationalgrid.com ;	
	Melissa.little@nationalgrid.com ;	
	Brooke.skulley@nationalgrid.com ;	
	Timothy.roughan@nationalgrid.com ;	
Jeffrey.oliveira@nationalgrid.com ;		
Division of Public Utilities Tiffany Parenteau, Esq. Greg Schultz, Esq. Dept. of Attorney General 150 South Main St. Providence, RI 02903 Christy Hetherington, Esq. Division of Public Utilities	Tparenteau@riag.ri.gov ;	401-222-2424
	gschultz@riag.ri.gov ;	
	John.bell@dpuc.ri.gov ;	
	Joel.munoz@dpuc.ri.gov ;	
	Christy.hetherington@dpuc.ri.gov ;	
	Margaret.L.Hogan@dpuc.ri.gov ;	
	Al.contente@dpuc.ri.gov	
	dmacrae@riag.ri.gov ;	
Kathleen A. Kelly Carrie Gilbert Aliea Afnan Daymark Energy Advisors	kkelly@daymarkea.com ;	
	cgilbert@daymarkea.com ;	
	aafnan@daymarkea.com ;	
Public Utilities Commission Luly E. Massaro, Commission Clerk	Luly.massaro@puc.ri.gov ;	401-780-2017
	John.harrington@puc.ri.gov ;	

John Harrington, Counsel Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	Rudolph.S.Falcone@puc.ri.gov ; Alan.nault@puc.ri.gov ; Emma.Rodvien@puc.ri.gov ; Todd.bianco@puc.ri.gov ;	
Office of Energy Resources Albert Vitali, Esq. Nicholas Ucci Christopher Kearns	Albert.Vitali@doa.ri.gov ; nancy.russolino@doa.ri.gov ; Christopher.Kearns@energy.ri.gov ; Shauna.Beland@energy.ri.gov ; Nicholas.ucci@energy.ri.gov ; Becca.Trietch@energy.ri.gov ; Carrie.Gill@energy.ri.gov ;	401-222-8880
Green Development Matt Sullivan	ms@green-ri.com ;	

PUC 3-1

Request:

Referring to the response to PUC 1-37, which requested a calculation of Narragansett Electric's earned return on equity for its FERC-jurisdictional transmission business, please clarify whether the calculation of the ROEs shown in Attachment PUC 1-37 includes the costs and revenues associated with the Block Island transmission cable (BITS). If not, please explain why the Company in its response did not consider the transmission cable as FERC jurisdictional; then recalculate the ROEs for each of the given years, assuming that the BITS is a part of Narragansett Electric's FERC-jurisdictional transmission business.

Response:

The ROEs shown in Attachment PUC 1-37 include BITS costs and revenues allocated to the FERC-jurisdictional transmission business.

PUC 3-4

Request:

Please provide a schedule showing a 5-year annual look-back of total Net Metering costs that were recovered in rates (2016-2020), and a 5-year annual projection of expected future total Net Metering costs (2021-2025). For the forecasted costs, please use the best available information from the current interconnection queue. Please use the Company's judgment to make reasonable adjustments to remove from the forecast and account for the likelihood of projects in the queue enrolling in Renewable Energy Growth during those future years. Please provide a description of the assumptions used to develop the forecasted costs.

Response:

Please see Attachment PUC-3-4 for the requested information. The attachment shows a 5-year annual projection of expected future total Net Metering costs (2021-2025) using two methods.

Method A employs a solar photovoltaic (PV) forecast that was developed by the Company in October-November of 2020, for the purpose of its 2021 Electric Peak (MW) Forecast (page 46 of The Narragansett Electric Company 2021 Electric Peak (MW) Forecast report, dated November 2020). The Company is using this baseline solar PV forecast to calculate net metering credits. This projection is based on an estimate of installations for solar PV units already in the application queue for the first two years, then continuation of those levels until year 2023, and then a slowly declining number of new annual solar PV installations to account for market saturation.

Method A assumptions:

- Uses solar PV only and does not include other technology or fuel source types. Within the Company's current interconnection queue, 98% of the pending capacity is solar PV.
- The interconnection queue and solar PV forecast can include both "behind-the-meter" (BTM) and "front-of-meter" (FTM) solar PV systems. However, the Company assumed all systems are FTM because of the challenge to analyze and calculate net excess generation for BTM system and therefore calculate its net metering costs. Historically, up to 40% of installed solar PV capacity has been BTM facilities, which could affect a forecast of costs.
- Uses 2020 rates for distribution, transmission, transition, and LRS (SOS) and an average rate for energy for sales to ISO New England, Inc.
- All installed MW was assumed to be operational for given calendar year.

Method B uses current interconnection queue data (as of March 8, 2021), including current interconnection status of pending net metering applications, their estimated connection date, as

PUC 3-4, page 2

well as projects that may move forward after applying a historically typical cancellation rate. Currently, there are total of 651 MW pending net metering projects in the Company's interconnection queue.

Method B assumptions:

- Includes all net metering projects that have made a system modification payment, and uses their estimated connected dates as their assumed interconnection year. This amounts to 260 MW of net metering projects.
- The Company has observed a 22% cancellation rate after issuing an interconnection service agreement (ISA) for signature, which means that 78% of applied capacity is connected after customers receive their executable ISA. There are 44 MW of net metering applications with executable ISAs, and for this forecast, the Company assumed that 34 MW will be connected.
- The Company has observed a 50% cancellation rate with projects prior to the ISA step of interconnection process. There are 467 MW of applications currently pending in interconnection queue that have not yet received an executable ISA, and for this forecast, the Company assumed that 233 MW will be connected.
- In addition, the Company also anticipates receiving 198 MW in CY 21 and 217 MW in CY 22. The Company has observed an overall cancellation rate of 32% between the application received and the application connected step. For this forecast, the Company assumed that only 83 MW of applied capacity out of 282 MW of estimated connected capacity (after applying the cancellation rate to anticipated MWs) to be connected prior to end of calendar year 2025.
- All other assumptions are the same as Method A.

Five-year (2016-2020) Look-back of Total Net Metering Costs

Calendar Year	Annual MW AC Connected	Cumulative MW AC Connected	Net Metering Credit (\$Millions)	Energy Sales to ISO-NE (\$Millions)	QF Recoverable Costs (\$Millions)	Net Metering Costs (\$Millions)
2016 Actual	16	36.7	\$1.4	\$0.1	\$0.4	\$1.7
2017 Actual	10	47.3	\$3.9	\$1.1	\$0.4	\$3.1
2018 Actual	46	93.7	\$5.5	\$1.1	\$0.5	\$4.9
2019 Actual	86	179.9	\$21.2	\$3.3	\$1.0	\$18.8
2020 Actual	51	231.1	\$34.2	\$4.4	\$0.7	\$30.6

Five-year (2021-2025) Annual Projection of Expected Future Net Metering Costs

A. Using PV forecast as used for Load Forecasting

Calendar Year	Annual MW AC Connected	Cumulative MW AC Connected	Estiamted Incremental Annual Net Metering Credit (\$Millions)	Estimated Incremental Annual Energy Sales to ISO-NE (\$Millions)	Estimated Incremental Annual QF Recoverable Costs (\$Millions)	Estimated Incremental Annual Net Metering Costs (\$Millions)
2021 Forecast	101	332.1	\$16.0	\$3.0	\$1.2	\$20.2
2022 Forecast	101	433.1	\$11.9	\$2.2	\$0.9	\$15.0
2023 Forecast	101	534.1	\$12.4	\$2.3	\$0.9	\$15.6
2024 Forecast	96	630.1	\$19.6	\$3.6	\$1.4	\$24.6
2025 Forecast	91	721.1	\$8.2	\$1.5	\$0.6	\$10.3
<u>Aggregate Total</u>		<u>721.1</u>	<u>\$102.3</u>			<u>\$116.3</u>

% Increase in Five-years 280%

B. Using Current Interconnection Queue

Calendar Year	Annual MW AC Connected	Cumulative MW AC Connected	Estiamted Incremental Annual Net Metering Credit (\$Millions)	Estimated Incremental Annual Energy Sales to ISO-NE (\$Millions)	Estimated Incremental Annual QF Recoverable Costs (\$Millions)	Estimated Incremental Annual Net Metering Costs (\$Millions)
2021 Forecast	181	412.1	\$24.8	\$4.6	\$1.8	\$31.2
2022 Forecast	112	524.1	\$13.3	\$2.5	\$1.0	\$16.8
2023 Forecast	91	615.1	\$11.6	\$2.1	\$0.8	\$14.5
2024 Forecast	163	778.1	\$29.1	\$5.4	\$2.2	\$36.7
2025 Forecast	63	841.1	\$9.8	\$1.8	\$0.7	\$12.3
<u>Aggregate Total</u>		<u>841</u>	<u>\$122.8</u>			<u>\$115.9</u>

% Increase in Five-years 279%

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5127
In Re: 2021 Annual Retail Rate Filing
Responses to the Commission’s Third Set of Data Requests
Issued March 5, 2021

PUC 3-5

Request:

Please update the Company’s response to PUC 3-6 in Docket No. 5005 with actual 2020 data.

Response:

Please see Table 1 for an annual breakdown of credit dollars transferred to satellite customers by rate class. CY 2021 data includes transfers through the first bill period of the year only. CY 2020 is updated from the Company’s previous response to show all 12 annual bill cycles. Please also note that in previous responses the Company counted Remote Net Meter facilities as any system with a C06 bill rate, of which there were 37 during September 2020. The Company retrieved transfer history of all Net Metering projects with transfers, which now includes host facilities on an A16 rate as well. The increase of this project list is attributed to more systems coming on-line since September 2020 and the consideration of additional A16 host systems. The Company shows 202 Net Metering Facilities on these lists.

Rate Class	CY 2016¹	CY 2017	CY 2018	CY 2019	CY 2020
A16	\$478.01	\$2,256.44	\$6,559.51	\$325,077.11	\$757,364.55
A60				\$1,813.71	\$5,286.52
C06	\$12,240.50	\$92,629.43	\$124,814.36	\$635,676.24	\$925,911.18
C08	\$15.92	\$72.00	\$208.66	\$35,664.13	\$78,291.11
G02	\$87,250.47	\$586,751.12	\$819,339.75	\$4,389,417.42	\$5,736,620.54
G32	\$621,224.93	\$1,870,596.22	\$3,301,569.00	\$11,168,403.19	\$15,877,842.50
S10		\$576.96	\$390.25	\$4,169.39	\$4,449.92
S14	\$14,715.14	\$159,768.18	\$192,804.09	\$1,033,831.78	\$1,056,282.34
S5			\$101,314.90	\$1,812,997.37	\$2,876,402.62
Total	\$735,924.97	\$2,712,650.35	\$4,547,000.52	\$19,407,050.34	\$27,318,451.28

See Table 2 for annual generation breakdown by host facility. Below generation totals for each calendar year are the average cents/kWh value of credits during that year. Please note that CY 2021 is based on the first bill cycle of 2021.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5127
In Re: 2021 Annual Retail Rate Filing
Responses to the Commission's Third Set of Data Requests
Issued March 5, 2021

PUC 3-5, page 2

Host Number	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
1	-	-	206,816	2,941,843	3,059,339
2	16,503	419,501	295,665	505,925	523,770
3	-	-	52,184	1,246,428	1,273,615
4	-	-	-	-	12,154,824
5	-	-	-	-	11,220,966
6	-	-	447,625	4,954,469	5,268,509
7	1,668,948	5,220,219	4,626,110	4,967,795	4,975,210
8	1,198,612	2,807,764	2,651,240	2,496,040	2,549,200
9	-	-	-	-	5,926,539
10	-	-	82,526	4,000,510	4,428,452
11	-	-	-	1,215,125	4,341,699
12	-	-	439,151	1,546,535	1,570,068
13	1,455,308	3,476,944	3,124,524	3,380,532	3,240,164
14	-	-	1,763,664	1,894,978	2,125,076
15	-	-	131,299	2,050,850	2,144,527
16	-	-	975,227	5,756,614	5,986,556
17	-	-	-	2,241,179	3,823,153
18	-	-	-	106	6,741,008
19	-	-	-	-	2,806,099
20	-	-	-	450,000	10,652,634
21	-	-	1,260,311	8,480,356	8,637,156
22	-	-	-	-	7,510,004
23	-	-	-	6,946,613	7,498,674
24	-	-	25,980	4,975,833	5,146,392
25	-	-	806,787	3,633,864	3,667,340
26	-	-	52,797	6,506,654	6,803,253
27	-	-	3,775,325	4,571,620	4,764,409
28	2,052,700	9,539,988	7,802,864	10,181,456	9,645,188
29	-	-	-	8,708,502	13,804,575
30	-	-	1,005,948	6,459,138	6,494,748

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5127
In Re: 2021 Annual Retail Rate Filing
Responses to the Commission's Third Set of Data Requests
Issued March 5, 2021

PUC 3-5, page 3

Host Number	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
31	-	-	-	-	1,846,020
32	-	-	-	-	7,575,236
33	-	825,701	1,544,099	1,612,545	1,653,076
34	-	-	-	10,197,165	15,416,337
35	-	-	-	6,007,741	6,502,968
36	828,984	2,991,220	2,699,460	2,940,132	2,826,252
37	-	-	46,652	1,833,716	1,517,646
38	-	-	46,652	1,833,716	1,963,889
39	-	-	-	-	-
40	-	-	174,562	86,882	87,733
41	-	-	-	4,330	663
42	-	-	1,201	1,894	3,444
43	-	-	20,658	21,315	29,451
44	-	-	6,459	8,361	7,597
45	-	-	6,175	8,257	4,800
46	-	-	-	1,122	1,602
47	-	-	581	4,687	4,066
48	-	-	-	607	383
49	-	-	31,294	27,586	27,036
50	-	-	5,178	5,154	5,078
51	-	-	110,638	114,240	114,122
52	-	-	3,526	5,349	2,818
53	-	-	3,953	4,044	6,964
54	-	-	-	-	9,084
55	-	-	3	3,818	3,462
56	-	-	5,145	4,237	3,775
57	-	-	7,680	9,145	8,863
58	-	-	4,648	6,452	3,248
59	-	-	-	5,408	5,572
60	-	-	-	59	1,512

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5127
In Re: 2021 Annual Retail Rate Filing
Responses to the Commission's Third Set of Data Requests
Issued March 5, 2021

PUC 3-5, page 4

Host Number	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
61	-	-	-	-	17,701
62	-	-	19,060	178,097	163,985
63	-	-	-	-	5,522
64	-	-	1,023	1,139	1,190
65	-	-	39,141	36,441	32,818
66	-	-	7,079	7,320	6,668
67	-	-	-	538	-
68	-	-	1,450	2,641	2,532
69	-	-	2,280	2,583	1,611
70	-	-	1,475	2,296	2,389
71	-	-	424	1,640	1,234
72	-	-	-	3,690	5,634
73	-	-	-	-	5,137
74	-	-	4,353	3,759	6,193
75	-	-	5,977	6,503	6,373
76	-	-	2,078	946	1,580
77	-	-	1,520	1,845	2,085
78	-	-	1,043	740	226
79	-	-	495	866	2,924
80	-	-	6,560	4,147	3,447
81	-	-	2,576	1,809	825
82	-	-	13,649	14,307	14,617
83	-	-	1,091	1,321	2,420
84	-	-	12,359	13,798	14,997
85	-	-	1,682	5,916	7,376
86	-	-	23,092	31,075	37,640
87	-	-	-	-	12,114
88	-	-	-	1,114	2,271
89	-	-	5,957	2,855	3,540
90	-	-	4,687	6,405	5,398

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5127
In Re: 2021 Annual Retail Rate Filing
Responses to the Commission's Third Set of Data Requests
Issued March 5, 2021

PUC 3-5, page 5

Host Number	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
91	-	-	2,560	3,202	3,354
92	-	-	8,176	10,933	10,919
93	1732	-	3,101	3,812	4,349
94	-	-	7,555	7,928	4,836
95	-	-	2,551	4,466	518
96	-	-	3,886	2,884	1,800
97	-	-	5,831	7,526	6,681
98	-	-	-	-	4,649
99	-	-	1,345	1,213	1,160
100	-	-	3,325	5,682	3,562
101	-	-	-	5,244	4,147
102	-	-	1,541	2,565	547
103	-	-	9,568	9,867	10,408
104	-	-	-	16,100	835,619
105	-	-	2,639	2,537	2,804
106	-	-	8,772	5,888	431
107	-	-	-	-	2,278,830
108	-	-	-	-	434
109	-	-	3,876	7,033	6,098
110	-	-	3,519	4,203	2,889
111	-	-	24,193	24,601	13,311
112	-	-	970	1,234	618
113	-	-	-	1,347	11,403
114	-	-	619	802	1,449
115	-	-	5,489	12,643	12,314
116	-	-	5,815	6,188	4,762
117	-	-	1,862	629	526
118	-	-	-	1,780	1,623
119	-	-	2,492	2,763	659
120	-	-	7,000	7,374	4,819

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5127
In Re: 2021 Annual Retail Rate Filing
Responses to the Commission's Third Set of Data Requests
Issued March 5, 2021

PUC 3-5, page 6

Host Number	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
121	-	-	3,383	1,796	12,250
122	-	-	-	657	22,389
123	-	-	4,062	4,706	3,272
124	-	-	373	11,013	6,959
125	-	-	-	412	2,239
126	-	-	4,248	4,383	3,900
127	-	-	6,225	7,151	7,847
128	-	-	-	-	3,538
129	-	-	-	-	-
130	-	-	2,848	3,002	3,297
131	-	-	-	-	160
132	-	-	-	3,234	3,792
133	-	-	-	-	-
134	-	-	8,074	4,396	4,023
135	-	-	8,071	9,448	8,602
136	-	114	938	614	315
137	-	-	9,466	9,782	10,509
138	-	-	-	19,042	32,761
139	-	-	3,457	3,682	4,002
140	-	-	-	26,023	22,187
141	-	-	13,813	8,289	8,285
142	-	-	1,514	3,262	2,305
143	-	-	8,024	10,117	7,253
144	-	-	5,238	7,688	6,510
145	-	-	1,392	2,328	3,854
146	-	-	-	-	-
147	-	-	2,090	7,669	7,322
148	-	-	1,206	1,080	1,252
149	-	-	3,572	1,603	490
150	-	-	13,950	20,007	29,639

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5127
In Re: 2021 Annual Retail Rate Filing
Responses to the Commission’s Third Set of Data Requests
Issued March 5, 2021

PUC 3-5, page 7

Host Number	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
151	-	-	7,193	9,979	4,020
152	-	-	4,040	3,590	3,133
153	-	-	11,428	12,407	10,898
154	-	-	959	3,014	1,654
155	-	-	9,911	9,586	8,729
156	-	-	8,034	6,635	7,218
157	-	-	5,101	8,123	5,605
158	-	-	239	90	910
159	-	-	-	4,037	4,205
160	-	-	-	306	685
161	-	-	31	23,449	47,829
162	-	-	12,930	12,197	6,421
163	-	-	-	-	166,511
164	-	-	278	709	787
165	-	-	3,122	3,750	4,255
166	-	-	2,796	4,374	3,866
167	-	-	1,631	1,871	2,101
168	-	-	4,479	354	442
169	-	-	1,411	2,825	1,995
170	-	-	-	-	2,800
171	-	-	-	-	2,909
172	-	-	-	264	2,208
173	-	-	656	2,069	1,112
174	-	-	688	975	173
175	-	-	-	-	34,479
176	-	-	159	177	86,066
177	-	-	3,521	4,863	6,038
178	-	-	-	-	3,108
179	-	-	8,740	9,591	9,724
180	-	-	15,350	14,999	15,698

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5127
In Re: 2021 Annual Retail Rate Filing
Responses to the Commission's Third Set of Data Requests
Issued March 5, 2021

PUC 3-5, page 8

Host Number	CY 2016	CY 2017	CY 2018	CY 2019	CY 2020
181	-	-	-	51,344	1,065,490
182	-	-	4,500	6,296	635
183	-	-	2,942	5,715	15,663
184	-	-	5,892	2,004	3,491
185	-	-	5,705	6,176	6,464
186	-	-	-	117	504
187	-	-	2,061	3,241	1,995
188	-	-	124,811	124,899	131,192
189	-	-	4,729	3,727	4,446
190	-	-	6,571	6,233	9,069
191	-	-	2,072	2,764	2,263
192	-	-	-	-	4,533
193	-	-	-	-	3,107
194	-	-	-	3,083	1,131
195	-	-	2,454	2,578	3,057
196	-	-	13,557	14,410	15,423
197	-	-	2,088	1,689	1,386
198	-	-	-	3,416	2,489
199	-	-	497	123	188
200	-	-	235	123	340
201	-	-	8,327	8,598	7,965
202	-	-	299	5,641	6,975
Total	7,222,787	25,281,451	34,911,425	125,913,316	213,967,172
AVG cents/kWh	0.10	0.11	0.13	0.15	0.13

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5127
In Re: 2021 Annual Retail Rate Filing
Responses to the Commission's Third Set of Data Requests
Issued March 5, 2021

PUC 3-6

Request:

Please provide a table showing the following actual data from CY 2020:

RATE CLASS	Total Net Metering Credits Originating from the Class	Total Net Metering Credits Transferred to the Class
A16		
A60		
C06/C08		
G02		
G32		
Lighting S10		
Lighting S14		
Lighting S5		
AGGREGATE TOTAL:		

Response:

RATE CLASS	Total Net Metering Credits Originating from the Class	Total Net Metering Credits Transferred to the Class
A16	\$745,732	\$864,797
A60	\$12,141	\$6,054
C06/C08	\$33,434,468	\$1,317,272
G02	\$74,621	\$7,478,687
G32	\$136	\$17,458,243
Lighting S10	\$0	\$4,242
Lighting S14	\$0	\$1,160,795
Lighting S5	\$0	\$3,991,233
AGGREGATE TOTAL:	\$34,267,098	\$32,281,323

The difference in the totals of the two columns is due to the fact that some of the credits earned at a host site are not allocated to other accounts.

PUC 3-7

Response:

Please provide a schedule with the following: (i) a list of all the accounts (by customer name) in the G32 Rate Class that received renewable net metering credits in 2020, (ii) the total dollar amount billed to each account (before netting of credits) showing volumetric and demand charge billings separately, (iii) the total annual amount of credits provided to each, (iv) the total net amount actually billed to the account (net of credits), and (v) the renewable project from where the credits were transferred (including name and facility ID number). (This data may be provided with Confidential Treatment)

Response:

Please see Attachment PUC 3-7-1 for the list of G-32 accounts that received net metering credits in 2020 and Attachment PUC 3-7-2 for the list of renewable net metering projects that are transferring credits to these G-32 accounts. Please note the following details:

- 63 of the 72 G-32 accounts are not receiving their electric supply from the Company.
- Among those 63 accounts, nine were charged for supply directly by the supplier for part of the year or for the full year. Thus, the total dollar amount billed (column ii a) for those nine accounts does not include dollars that are charged directly by supplier to the customer.
- If a supplier's portion is being charged through the Company, then those dollars are included in the dollar amount billed.
- 17 of the 72 G-32 accounts are receiving net metering credits from more than one renewable net metering project.
- In Attachment PUC 3-7-2, "Host" refers to renewable net metering project accounts and "satellite" refers to recipients of net metering credits.

	(i)	(ii a)	(ii b)	(ii c)	(iii)	(iv)	(v)	
G32 Satellite Billing Account Number	Customer Name	Total \$ Amount Billed (before netting of credits)	Demand Charges	Volumetric Charges	Credits Allocated	Total Net Actually Billed	Number of Renewable Projects from where the credits were transferred (see tab 2)	Notes
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(g)	(i)
(1)		\$254,772.90	\$37,444.02	\$164,938.82	\$113,457.86	\$141,315.04	2	
(2)		\$158,118.52	\$25,075.86	\$80,426.65	\$62,722.03	\$95,396.49	1	
(3)		\$34,371.01	\$2,842.50	\$14,542.58	\$19,928.90	\$14,442.11	2	Supply charges billed by Supplier and not included here
(4)		\$65,631.86	\$6,648.71	\$40,257.82	\$44,064.99	\$21,566.87	1	
(5)		\$507,811.69	\$112,224.83	\$366,657.99	\$223,491.22	\$284,320.47	1	Supply charges billed by Supplier and not included here
(6)		\$125,602.47	\$21,360.29	\$83,122.46	\$70,287.72	\$55,314.75	1	
(7)		\$8,428,728.21	\$1,200,587.16	\$6,950,294.70	\$6,302,991.59	\$2,125,736.62	5	
(8)		\$106,620.31	\$8,946.01	\$76,827.29	\$57,909.57	\$48,710.74	1	
(9)		\$208,251.06	\$21,087.47	\$162,733.51	\$197,474.70	\$10,776.36	1	
(10)		\$47,894.02	\$4,567.88	\$26,678.27	\$27,513.44	\$20,380.58	2	
(11)		\$82,557.88	\$5,122.21	\$58,072.78	\$59,073.38	\$23,484.50	2	
(12)		\$181,644.08	\$11,900.20	\$104,668.92	\$134,765.93	\$46,878.15	1	
(13)		\$60,064.25	\$3,373.96	\$22,753.07	\$41,227.19	\$18,837.06	1	
(14)		\$131,607.64	\$11,137.60	\$70,518.70	\$94,548.62	\$37,059.02	1	
(15)		\$71,031.13	\$16,248.06	\$35,841.79	\$83,351.51	-\$12,320.38	2	Supply charges billed by Supplier and not included here
(16)		\$458,999.08	\$53,277.22	\$371,261.88	\$425,476.15	\$33,522.93	1	
(17)		\$364,859.00	\$56,828.75	\$281,274.08	\$326,991.15	\$37,867.85	1	
(18)		\$62,253.94	\$7,829.22	\$14,407.56	\$52,249.06	\$10,004.88	1	Supply charges billed by Supplier and not included here
(19)		\$93,266.93	\$8,527.44	\$64,913.21	\$51,251.43	\$42,015.50	1	
(20)		\$81,411.68	\$12,325.28	\$49,734.33	\$43,929.81	\$37,481.87	1	
(21)		\$184,189.33	\$10,264.83	\$82,467.37	\$117,597.43	\$66,591.90	1	
(22)		\$83,509.79	\$6,981.72	\$44,222.97	\$77,084.73	\$6,425.06	2	
(23)		\$63,307.15	\$5,479.80	\$39,195.02	\$58,614.89	\$4,692.26	1	
(24)		\$99,280.74	\$10,561.36	\$68,652.50	\$47,590.63	\$51,690.11	1	
(25)		\$111,503.58	\$9,593.82	\$63,519.69	\$37,142.79	\$74,360.79	1	
(26)		\$358,470.83	\$40,211.84	\$287,824.57	\$338,431.06	\$20,039.77	1	
(27)		\$83,569.98	\$8,793.64	\$59,437.36	\$327.55	\$83,242.43	1	
(28)		\$47,985.16	\$8,210.52	\$21,759.64	\$90,922.07	-\$42,936.91	1	Supply charges billed by Supplier and not included here
(29)		\$198,293.76	\$26,185.83	\$84,779.46	\$107,334.77	\$90,958.99	1	
(30)		\$104,639.33	\$14,896.05	\$70,934.15	\$40,676.19	\$63,963.14	1	
(31)		\$103,975.61	\$9,682.22	\$74,034.34	\$79,507.58	\$24,468.03	1	
(32)		\$70,547.30	\$18,201.94	\$27,758.39	\$102,832.90	-\$32,285.60	1	Supply charges billed by Supplier and not included here
(33)		\$196,058.40	\$21,080.84	\$151,035.19	\$158,649.32	\$37,409.08	1	
(34)		\$162,470.04	\$21,891.92	\$118,018.72	\$149,361.49	\$13,108.55	1	
(35)		\$257,947.51	\$46,731.49	\$184,837.54	\$72,636.07	\$185,311.44	1	
(36)		\$75,801.99	\$7,058.27	\$39,919.40	\$57,300.33	\$18,501.66	2	
(37)		\$229,512.63	\$23,053.37	\$163,805.65	\$213,891.49	\$15,621.14	1	
(38)		\$385,747.50	\$44,629.00	\$313,212.08	\$356,465.47	\$29,282.03	1	
(39)		\$137,930.70	\$10,879.68	\$56,150.03	\$117,347.23	\$20,583.47	1	
(40)		\$266,038.80	\$53,374.85	\$185,926.78	\$111,777.02	\$154,261.78	1	
(41)		\$88,042.38	\$10,496.16	\$57,959.51	\$79,566.63	\$8,475.75	5	
(42)		\$656,543.53	\$140,905.60	\$473,315.63	\$549,844.21	\$106,699.32	2	
(43)		\$426,413.33	\$63,372.04	\$242,167.89	\$221,551.74	\$204,861.59	3	
(44)		\$129,285.26	\$14,630.49	\$93,383.31	\$132,891.89	-\$3,606.63	5	
(45)		\$171,194.05	\$7,899.36	\$115,507.05	\$128,887.49	\$42,306.56	1	
(46)		\$308,493.10	\$44,662.54	\$235,390.77	\$260,775.66	\$47,717.44	1	
(47)		\$803,139.31	\$194,276.28	\$565,053.04	\$749,168.13	\$53,971.18	1	
(48)		\$78,590.63	\$4,792.71	\$54,558.70	\$75,383.97	\$3,206.66	1	
(49)		\$63,758.44	\$4,857.13	\$42,703.75	\$25,339.35	\$38,419.09	1	
(50)		\$204,457.63	\$18,450.17	\$161,764.13	\$244,846.26	-\$40,388.63	1	
(51)		\$611,816.35	\$204,053.32	\$379,004.27	\$2,208.67	\$609,607.68	1	Supply charges billed by Supplier and not included here
(52)		\$163,739.06	\$26,072.75	\$100,254.82	\$129,068.80	\$34,670.26	1	
(53)		\$59,248.14	\$5,941.10	\$38,940.92	\$33,080.15	\$26,167.99	1	
(54)		\$264,732.71	\$35,838.76	\$203,467.11	\$67,460.73	\$197,271.98	1	
(55)		\$108,810.22	\$9,701.69	\$78,656.06	\$97,644.99	\$11,165.23	1	
(56)		\$73,225.33	\$1,330.28	\$15,273.18	\$41,687.53	\$31,537.80	1	
(57)		\$111,468.66	\$10,526.45	\$80,383.42	\$106,644.71	\$4,823.95	1	
(58)		\$817,578.87	\$211,735.92	\$570,452.08	\$3,313.01	\$814,265.86	1	Supply charges billed by Supplier and not included here
(59)		\$102,648.37	\$13,666.31	\$68,780.49	\$48,810.90	\$53,837.47	1	
(60)		\$58,492.50	\$4,824.04	\$31,714.72	\$34,985.09	\$23,507.41	3	Supply charges billed by Supplier and not included here
(61)		\$263,254.08	\$34,489.74	\$202,138.56	\$280,320.80	-\$17,066.72	1	
(62)		\$67,671.65	\$5,655.47	\$43,209.29	\$51,890.39	\$15,781.26	1	

	(i)	(ii a)	(ii b)	(ii c)	(iii)	(iv)	(v)	
G32 Satellite Billing Account Number	Customer Name	Total \$ Amount Billed (before netting of credits)	Demand Charges	Volumetric Charges	Credits Allocated	Total Net Actually Billed	Number of Renewable Projects from where the credits were transferred (see tab 2)	Notes
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(g)	(i)
(63)		\$190,547.03	\$36,281.24	\$131,915.87	\$38,648.43	\$151,898.60	1	
(64)		\$542,509.75	\$76,127.31	\$428,582.00	\$545,049.78	-\$2,540.03	1	
(65)		\$376,640.19	\$70,185.25	\$275,289.28	\$97,717.40	\$278,922.79	1	
(66)		\$154,484.48	\$9,793.62	\$112,944.91	\$192,272.48	-\$37,788.00	5	
(67)		\$947,244.54	\$230,458.32	\$675,620.32	\$381,386.88	\$565,857.66	1	
(68)		\$1,576,616.40	\$233,118.02	\$1,264,338.13	\$1,775,584.60	-\$198,968.20	3	
(69)		\$79,359.81	\$7,232.47	\$52,852.92	\$68,369.57	\$10,990.24	1	
(70)		\$254,966.71	\$43,299.57	\$185,372.85	\$51,268.95	\$203,697.76	1	
(71)		\$140,303.69	\$18,658.99	\$99,932.49	\$78,164.15	\$62,139.54	1	
(72)		\$74,384.14	\$8,746.88	\$47,929.82	\$96,212.52	-\$21,828.38	2	
(73)	Grand Total	\$24,715,938.13	\$3,827,197.64	\$18,306,274.55	\$17,458,243.12	\$7,257,695.01		

G32 Satellite Account Number	Satellite Customer Name	Host Account Number	Host Name	Host Project ID Number
(1)				176078
(2)				177241
(3)				177298
(4)				176955
(5)				176954
(6)				177242
(7)				176954
(8)				177298
(9)				176951
(10)				176952
(11)				176830
(12)				177397
(13)				176950
(14)				176078
(15)				174882
(16)				176956
(17)				176956
(18)				176078
(19)				177277
(20)				176271
(21)				177607
(22)				176271
(23)				176956
(24)				176956
(25)				176606
(26)				176271
(27)				176954
(28)				177298
(29)				177298
(30)				177525
(31)				175888
(32)				174882
(33)				178417
(34)				177298
(35)				176271
(36)				177049
(37)				178639
(38)				177242
(39)				177433
(40)				193610
(41)				176078
(42)				176954
(43)				176792
(44)				177298
(45)				193610
(46)				178417
(47)				177607
(48)				177242
(49)				177300
(50)				177525
(51)				177298
(52)				176951
(53)				176952
(54)				177397
(55)				176950
(56)				176801
(57)				176078
(58)				177277
(59)				176078
(60)				177277
(61)				177241
(62)				176951
(63)				176952
(64)				177397
(65)				176950
(66)				176801
(67)				176271
(68)				176606
(69)				177241
(70)				177242
(71)				177783
(72)				177242
(73)				178639
(74)				177300
(75)				177607
(76)				193610
(77)				177050
(78)				175823
(79)				176037
(80)				178639
(81)				177298
(82)				176955
(83)				176955
(84)				176954
(85)				177012
(86)				178417
(87)				193610
(88)				174882
(89)				178417
(90)				176951
(91)				176952
(92)				177397
(93)				176950

	G32 Satellite Account Number	Satellite Customer Name	Host Account Number	Host Name	Host Project ID Number
(94)					176801
(95)					175043
(96)					174969
(97)					176983
(98)					174804
(99)					178417
(100)					193610
(101)					175823
(102)					175888
(103)					174882