

April 1, 2020

VIA HAND DELIVERY AND ELECTRONIC MAIL

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

**RE: Docket 5005 – 2020 Annual Retail Rate Filing
Responses to PUC Data Requests – Set 1**

Dear Ms. Massaro:

On behalf of National Grid¹ enclosed please find ten (10) copies of the Company's responses to the Public Utilities Commission's First Set of Data Requests in the above-referenced docket.

Thank you for your attention to this filing. If you have any questions, please contact me at 401-784-4263.

Sincerely,



Andrew S. Marcaccio

Enclosures

cc: Docket 5005 Service List
John Bell, Division
Al Mancini, Division
John R. Harrington, Esq.

¹ The Narragansett Electric Company d/b/a National Grid (National Grid or the Company).

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

April 1, 2020
Date

**National Grid – 2020 Annual Retail Rate Filing - Docket No. 5005
Service List Updated 2/14/2020**

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PUC 1-1

Request:

For all net metering facilities with a nameplate capacity below 25 kW, please list anonymously in a table all such customer accounts with a negative balance for their last bill in 2019 (e.g., the last December bill). Please include a column with the nameplate capacity. Please include a column with the fuel type. Please include a column with the total negative bill amount. Please also include a column with the volume of net metering credits (i.e., in kWhs, the sum of negative meter reads) accrued to the customer in 2019, and the value of those net metering credits accrued to the customer in 2019.

Response:

Please see Attachment PUC 1-1 for a list of all net metering facilities with a nameplate capacity less than 25 kW and 12 months of electric bills that have a negative balance on their last bill in 2019. Fuel type, AC Rating (kW), negative balance amount (\$), and volume/value of net metering credits during 2019 are included for each respective account.

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E) Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	(F) Value of NM Credits (Sum of NM credits associated with Column (E))
1	(\$93.82)	7.60	Solar	(993)	(\$121.10)
2	(\$200.06)	4.80	Solar	(1,480)	(\$189.45)
3	(\$14.39)	5.32	Solar	(553)	(\$71.46)
4	(\$469.27)	7.74	Solar	(3,914)	(\$604.80)
5	(\$15.10)	7.00	Solar	(2,504)	(\$366.54)
6	(\$1,172.56)	9.00	Solar	(4,446)	(\$681.39)
7	(\$79.68)	15.12	Solar	(4,330)	(\$689.55)
8	(\$128.87)	4.80	Solar	(1,894)	(\$201.17)
9	(\$29.56)	2.00	Solar	(865)	(\$87.95)
10	(\$110.83)	3.60	Solar	(1,699)	(\$230.34)
11	(\$52.08)	2.15	Solar	(781)	(\$71.93)
12	(\$412.40)	9.80	Solar	(384)	(\$56.04)
13	(\$18.85)	10.00	Solar	(583)	(\$75.52)
14	(\$488.78)	7.60	Solar	(508)	(\$59.29)
15	(\$254.63)	7.60	Solar	(2,218)	(\$318.96)
16	(\$1,062.43)	11.00	Solar	(2,625)	(\$391.61)
17	(\$762.37)	5.00	Solar	(2,010)	(\$283.17)
18	(\$813.39)	9.00	Solar	(8,337)	(\$1,358.27)
19	(\$483.09)	3.00	Solar	(1,122)	(\$138.36)
20	(\$2,136.81)	8.60	Solar	(8,589)	(\$1,412.96)
21	(\$8.52)	6.00	Solar	(1,285)	(\$183.09)
22	(\$103.55)	5.29	Solar	(1,432)	(\$186.57)
23	(\$291.33)	12.48	Solar	(2,705)	(\$403.26)
24	(\$706.88)	7.60	Solar	(4,068)	(\$623.89)
25	(\$179.85)	3.80	Solar	(1,498)	(\$228.76)
26	(\$127.41)	3.60	Solar	(1,483)	(\$171.54)
27	(\$223.37)	7.60	Solar	(2,357)	(\$335.81)
28	(\$6.91)	5.00	Solar	(1,567)	(\$230.69)
29	(\$485.47)	6.02	Solar	(3,185)	(\$484.51)
30	(\$63.21)	6.00	Solar	(720)	(\$94.50)
31	(\$16.61)	6.00	Solar	(1,192)	(\$156.69)
32	(\$1,331.48)	5.25	Solar	(2,812)	(\$415.49)
33	(\$7.06)	6.00	Solar	(945)	(\$118.96)
34	(\$166.00)	11.40	Solar	(2,228)	(\$331.39)
35	(\$13.14)	3.80	Solar	(1,071)	(\$126.43)
36	(\$392.72)	7.60	Solar	(4,699)	(\$727.50)
37	(\$23.84)	3.00	Solar	(685)	(\$54.24)
38	(\$169.35)	5.32	Solar	(1,824)	(\$253.57)
39	(\$86.67)	3.80	Solar	(774)	(\$92.91)
40	(\$295.13)	7.31	Solar	(2,820)	(\$427.83)
41	(\$820.79)	6.60	Solar	(264)	(\$27.59)
42	(\$345.11)	4.30	Solar	(2,577)	(\$374.45)
43	(\$51.72)	5.00	Solar	(1,067)	(\$130.19)
44	(\$570.20)	6.60	Solar	(2,250)	(\$318.07)
45	(\$37.89)	5.00	Solar	(1,221)	(\$170.03)
46	(\$1,062.22)	7.60	Solar	(5,121)	(\$850.36)
47	(\$199.61)	7.60	Solar	(2,214)	(\$321.57)
48	(\$385.19)	5.59	Solar	(2,401)	(\$340.54)
49	(\$1,381.42)	1.20	Wind	(1,365)	(\$202.37)
50	(\$121.99)	3.50	Solar	(1,218)	(\$132.48)
51	(\$175.68)	4.09	Solar	(1,875)	(\$256.73)
52	(\$78.63)	7.20	Solar	(1,928)	(\$273.68)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E) Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	(F) Value of NM Credits (Sum of NM credits associated with Column (E))
53	(\$857.93)	7.20	Solar	(6,195)	(\$1,005.29)
54	(\$57.82)	7.60	Solar	(1,568)	(\$209.89)
55	(\$437.31)	7.60	Solar	(3,377)	(\$520.17)
56	(\$112.21)	7.60	Solar	(1,527)	(\$209.79)
57	(\$57.82)	6.00	Solar	(3,628)	(\$566.12)
58	(\$274.87)	11.00	Solar	(3,106)	(\$492.92)
59	(\$437.68)	6.00	Solar	(5,349)	(\$848.41)
60	(\$160.53)	5.00	Solar	(1,816)	(\$248.84)
61	(\$152.59)	7.60	Solar	(2,252)	(\$325.34)
62	(\$178.37)	4.56	Solar	(1,903)	(\$269.60)
63	(\$431.99)	8.25	Solar	(3,650)	(\$540.36)
64	(\$0.81)	7.50	Solar	(1,172)	(\$148.37)
65	(\$44.35)	6.75	Solar	0	\$0.00
66	(\$62.51)	5.00	Solar	(1,285)	(\$170.62)
67	(\$114.80)	5.20	Solar	(1,635)	(\$221.35)
68	(\$105.96)	6.00	Solar	(2,992)	(\$456.24)
69	(\$211.35)	5.20	Solar	(1,853)	(\$263.32)
70	(\$111.60)	7.60	Solar	(1,501)	(\$207.58)
71	(\$212.71)	3.60	Solar	(1,826)	(\$279.96)
72	(\$301.23)	10.32	Solar	(4,007)	(\$626.45)
73	(\$108.22)	7.60	Solar	0	\$0.00
74	(\$151.51)	6.02	Solar	(1,175)	(\$135.99)
75	(\$151.86)	4.95	Solar	(1,672)	(\$217.00)
76	(\$138.91)	7.60	Solar	(1,782)	(\$269.01)
77	(\$64.01)	4.20	Solar	(1,268)	(\$164.98)
78	(\$1,599.01)	7.60	Solar	(5,647)	(\$900.72)
79	(\$566.89)	10.00	Solar	(4,007)	(\$624.79)
80	(\$107.52)	3.80	Solar	(1,301)	(\$168.85)
81	(\$77.29)	3.80	Solar	(1,131)	(\$148.27)
82	(\$369.48)	6.45	Solar	(4,137)	(\$598.99)
83	(\$61.39)	7.60	Solar	(2,412)	(\$355.31)
84	(\$118.77)	8.00	Solar	(1,792)	(\$252.75)
85	(\$141.83)	7.60	Solar	(1,801)	(\$265.29)
86	(\$175.69)	11.40	Solar	(2,516)	(\$382.62)
87	(\$171.88)	6.00	Solar	(1,650)	(\$222.17)
88	(\$101.61)	7.60	Solar	(1,851)	(\$259.19)
89	(\$84.66)	3.60	Solar	(5,170)	(\$726.50)
90	(\$25.34)	5.88	Solar	(929)	(\$120.45)
91	(\$115.49)	7.10	Solar	(2,298)	(\$334.59)
92	(\$489.69)	8.70	Solar	(4,280)	(\$670.06)
93	(\$34.75)	5.00	Solar	(1,539)	(\$206.73)
94	(\$770.98)	16.08	Solar	(5,329)	(\$845.75)
95	(\$224.01)	5.00	Solar	(1,960)	(\$272.31)
96	(\$182.88)	3.80	Solar	(1,196)	(\$142.41)
97	(\$434.22)	7.60	Solar	(3,329)	(\$502.63)
98	(\$63.92)	3.80	Solar	(1,138)	(\$164.80)
99	(\$559.29)	5.00	Solar	(2,590)	(\$386.03)
100	(\$133.47)	5.00	Solar	(1,448)	(\$197.64)
101	(\$788.54)	12.00	Solar	(3,784)	(\$602.97)
102	(\$373.78)	9.00	Solar	(4,035)	(\$632.25)
103	(\$115.78)	3.80	Solar	(786)	(\$84.85)
104	(\$298.34)	2.15	Solar	(878)	(\$93.37)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E) Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	(F) Value of NM Credits (Sum of NM credits associated with Column (E))
105	(\$327.30)	10.00	Solar	(4,610)	(\$764.89)
106	(\$269.87)	3.00	Solar	(1,139)	(\$135.54)
107	(\$84.58)	6.60	Solar	(1,767)	(\$243.06)
108	(\$124.90)	14.00	Solar	(2,289)	(\$349.18)
109	(\$456.86)	5.00	Solar	(1,768)	(\$245.47)
110	(\$247.84)	3.00	Solar	(1,624)	(\$212.49)
111	(\$263.38)	10.40	Solar	(2,660)	(\$399.45)
112	(\$192.80)	5.00	Solar	(7,374)	(\$2,427.48)
113	(\$189.00)	6.00	Solar	(1,786)	(\$261.67)
114	(\$27.73)	7.60	Solar	(2,486)	(\$395.13)
115	(\$465.93)	7.60	Solar	(3,813)	(\$602.53)
116	(\$302.93)	6.00	Solar	(2,641)	(\$403.69)
117	(\$848.33)	6.00	Solar	(2,583)	(\$386.84)
118	(\$414.99)	6.00	Solar	(2,296)	(\$357.56)
119	(\$1.13)	7.60	Solar	(1,689)	(\$239.80)
120	(\$75.32)	3.00	Solar	(1,640)	(\$215.60)
121	(\$360.17)	1.75	Solar	(2,039)	(\$287.72)
122	(\$130.42)	10.00	Solar	(2,194)	(\$318.69)
123	(\$14.28)	3.80	Solar	(683)	(\$86.48)
124	(\$362.74)	3.80	Solar	(1,914)	(\$259.21)
125	(\$343.61)	5.00	Solar	(2,211)	(\$318.31)
126	(\$261.74)	5.00	Solar	(1,911)	(\$308.23)
127	(\$171.82)	5.00	Solar	(1,888)	(\$265.55)
128	(\$829.71)	10.00	Solar	(4,958)	(\$783.12)
129	(\$162.46)	10.00	Solar	(1,332)	(\$199.51)
130	(\$157.67)	9.00	Solar	(2,008)	(\$296.81)
131	(\$98.38)	6.00	Solar	(1,404)	(\$184.28)
132	(\$290.41)	10.00	Solar	(2,636)	(\$391.23)
133	(\$1,371.54)	11.40	Solar	(3,888)	(\$606.03)
134	(\$52.33)	20.00	Solar	(3,498)	(\$555.03)
135	(\$255.66)	3.23	Solar	(2,127)	(\$287.62)
136	(\$311.33)	5.00	Solar	(1,966)	(\$312.48)
137	(\$1,828.14)	6.00	Solar	(2,766)	(\$425.78)
138	(\$82.03)	8.40	Solar	(1,909)	(\$278.70)
139	(\$12.01)	4.09	Solar	(1,826)	(\$277.82)
140	(\$8.29)	6.00	Solar	(1,600)	(\$226.46)
141	(\$93.30)	5.50	Solar	(1,286)	(\$164.52)
142	(\$12.06)	3.60	Solar	(805)	(\$81.26)
143	(\$59.08)	5.38	Solar	(1,792)	(\$255.27)
144	(\$571.04)	7.60	Solar	(1,789)	(\$230.41)
145	(\$15.68)	6.45	Solar	(6,548)	(\$1,063.91)
146	(\$114.30)	6.00	Solar	(946)	(\$138.82)
147	(\$42.26)	4.20	Solar	(1,845)	(\$256.14)
148	(\$35.33)	3.00	Solar	(740)	(\$102.35)
149	(\$376.14)	8.00	Solar	(866)	(\$116.47)
150	(\$859.73)	8.40	Solar	(4,172)	(\$668.68)
151	(\$6.54)	5.00	Solar	(1,539)	(\$230.91)
152	(\$16.67)	6.00	Solar	(1,809)	(\$265.28)
153	(\$82.59)	4.48	Solar	(1,348)	(\$175.96)
154	(\$213.35)	2.00	Solar	(6,720)	\$0.00
155	(\$151.62)	6.00	Solar	(2,034)	(\$290.57)
156	(\$109.01)	5.00	Solar	(1,724)	(\$236.06)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E) Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	(F) Value of NM Credits (Sum of NM credits associated with Column (E))
157	(\$85.50)	10.00	Solar	(14,305)	(\$2,287.05)
158	(\$253.37)	5.81	Solar	(2,243)	(\$312.47)
159	(\$17.44)	3.00	Solar	(621)	(\$42.19)
160	(\$24.03)	3.00	Solar	(1,496)	(\$199.15)
161	(\$86.19)	10.00	Solar	(14,117)	(\$2,240.66)
162	(\$553.95)	7.60	Solar	(3,806)	(\$609.65)
163	(\$38.92)	3.00	Solar	(1,074)	(\$133.07)
164	(\$640.13)	6.25	Solar	(1,538)	(\$202.15)
165	(\$981.13)	5.50	Solar	(2,607)	(\$378.10)
166	(\$120.20)	6.72	Solar	(1,868)	(\$268.97)
167	(\$590.92)	5.00	Solar	(1,685)	(\$233.24)
168	(\$445.23)	7.60	Solar	(3,305)	(\$495.48)
169	(\$248.41)	10.00	Solar	(1,785)	(\$253.99)
170	(\$178.80)	6.60	Solar	(2,036)	(\$297.25)
171	(\$140.17)	3.80	Solar	(1,450)	(\$179.12)
172	(\$153.70)	5.75	Solar	(1,910)	(\$261.91)
173	(\$119.35)	3.00	Solar	(1,464)	(\$177.67)
174	(\$279.80)	5.98	Solar	(2,547)	(\$366.19)
175	(\$4.88)	6.00	Solar	(1,255)	(\$161.12)
176	(\$1.70)	5.00	Solar	(908)	(\$117.32)
177	(\$784.19)	6.00	Solar	(3,128)	(\$477.98)
178	(\$490.63)	10.00	Solar	(2,236)	(\$332.77)
179	(\$70.86)	2.50	Solar	(1,065)	(\$120.40)
180	(\$58.54)	4.25	Solar	(1,336)	(\$169.46)
181	(\$229.42)	5.00	Solar	(6,631)	(\$1,081.58)
182	(\$1,497.71)	11.50	Solar	(10,642)	(\$1,654.87)
183	(\$682.26)	7.68	Solar	(4,342)	(\$677.47)
184	(\$1,468.51)	4.20	Solar	(3,723)	(\$579.00)
185	(\$215.85)	6.24	Solar	(2,019)	(\$278.28)
186	(\$1,112.28)	7.80	Solar	(7,928)	(\$1,294.74)
187	(\$392.72)	6.00	Solar	(4,580)	(\$712.37)
188	(\$561.38)	4.20	Solar	(3,070)	(\$445.74)
189	(\$1,091.44)	6.00	Solar	(7,431)	(\$1,213.68)
190	(\$302.77)	5.00	Solar	(1,679)	(\$224.04)
191	(\$135.15)	5.00	Solar	(1,376)	(\$178.28)
192	(\$397.25)	9.00	Solar	(2,507)	(\$374.40)
193	(\$687.11)	7.60	Solar	(3,078)	(\$454.15)
194	(\$405.92)	7.60	Solar	(3,022)	(\$450.94)
195	(\$537.04)	3.87	Solar	(2,596)	(\$381.49)
196	(\$855.54)	7.50	Solar	(2,502)	(\$363.22)
197	(\$211.22)	7.60	Solar	(1,789)	(\$246.77)
198	(\$291.39)	8.88	Solar	(2,609)	(\$393.05)
199	(\$196.54)	4.50	Solar	(1,224)	(\$159.37)
200	(\$104.65)	6.00	Solar	(1,898)	(\$270.08)
201	(\$497.72)	4.00	Solar	(1,620)	(\$207.41)
202	(\$18.65)	3.80	Solar	(879)	(\$90.34)
203	(\$40.44)	6.00	Solar	(1,946)	(\$289.50)
204	(\$183.78)	10.00	Solar	(1,968)	(\$277.30)
205	(\$286.04)	8.80	Solar	(2,425)	(\$351.46)
206	(\$239.40)	5.00	Solar	(1,964)	(\$277.29)
207	(\$1,558.92)	6.00	Solar	(6,280)	(\$1,014.65)
208	(\$107.02)	7.50	Solar	(1,565)	(\$213.40)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E) Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	(F) Value of NM Credits (Sum of NM credits associated with Column (E))
209	(\$590.14)	6.60	Solar	(3,135)	(\$450.28)
210	(\$175.89)	11.40	Solar	(2,025)	(\$294.89)
211	(\$288.23)	6.60	Solar	(2,028)	(\$291.02)
212	(\$198.67)	5.00	Solar	(1,604)	(\$218.76)
213	(\$90.74)	5.00	Solar	(1,271)	(\$166.63)
214	(\$11.77)	3.00	Solar	(800)	(\$85.51)
215	(\$245.77)	7.60	Solar	(2,287)	(\$335.96)
216	(\$28.75)	5.75	Solar	(1,394)	(\$187.66)
217	(\$52.85)	3.15	Solar	0	\$0.00
218	(\$171.81)	6.60	Solar	(2,004)	(\$289.53)
219	(\$615.20)	6.50	Solar	(3,001)	(\$461.79)
220	(\$18.32)	5.00	Solar	(1,202)	(\$113.55)
221	(\$543.44)	5.25	Solar	(2,282)	(\$330.19)
222	(\$333.38)	7.60	Solar	(2,979)	(\$482.03)
223	(\$1,180.13)	6.00	Solar	(1,213)	(\$172.19)
224	(\$169.52)	6.00	Solar	(1,696)	(\$248.19)
225	(\$149.24)	7.20	Solar	(1,271)	(\$175.71)
226	(\$261.28)	6.00	Solar	(2,867)	(\$433.22)
227	(\$22.04)	3.00	Solar	(786)	(\$74.47)
228	(\$1,958.41)	4.00	Solar	(1,583)	(\$205.81)
229	(\$581.62)	10.00	Solar	(3,267)	(\$506.47)
230	(\$184.56)	2.64	Solar	(1,235)	(\$155.00)
231	(\$93.85)	3.60	Solar	(1,242)	(\$155.84)
232	(\$146.81)	7.60	Solar	(395)	(\$37.32)
233	(\$276.14)	5.16	Solar	(2,291)	(\$326.76)
234	(\$306.01)	5.16	Solar	(620)	(\$79.88)
235	(\$30.26)	3.87	Solar	(5,686)	(\$900.96)
236	(\$931.39)	5.00	Solar	(2,309)	(\$321.63)
237	(\$911.94)	3.80	Solar	(2,358)	(\$333.21)
238	(\$233.77)	1.29	Solar	(1,150)	(\$51.96)
239	(\$34.42)	6.00	Solar	(1,360)	(\$178.43)
240	(\$2.20)	3.80	Solar	(854)	(\$98.84)
241	(\$270.96)	6.48	Solar	(2,459)	(\$364.02)
242	(\$16.37)	10.00	Solar	(2,168)	(\$329.37)
243	(\$417.63)	6.79	Solar	(5,244)	(\$832.16)
244	(\$139.95)	7.60	Solar	(2,477)	(\$381.88)
245	(\$89.20)	3.60	Solar	(1,099)	(\$132.05)
246	(\$222.93)	10.00	Solar	(2,972)	(\$465.71)
247	(\$35.98)	3.00	Solar	(1,286)	(\$190.25)
248	(\$117.20)	4.20	Solar	(2,647)	(\$394.43)
249	(\$868.63)	10.00	Solar	(7,016)	(\$1,138.43)
250	(\$754.44)	7.60	Solar	(4,959)	(\$793.79)
251	(\$989.39)	5.16	Solar	(2,930)	(\$433.31)
252	(\$454.07)	10.00	Solar	(3,956)	(\$619.71)
253	(\$31.56)	8.00	Solar	(9,923)	(\$1,646.52)
254	(\$6.58)	3.60	Solar	(969)	(\$108.30)
255	(\$64.97)	5.00	Solar	(1,170)	(\$144.03)
256	(\$104.31)	3.80	Solar	(1,317)	(\$170.82)
257	(\$838.65)	20.80	Solar	(7,757)	(\$1,289.95)
258	(\$253.90)	7.60	Solar	(2,161)	(\$305.12)
259	(\$69.77)	5.00	Solar	(1,389)	(\$184.81)
260	(\$494.19)	10.00	Solar	(4,921)	(\$786.63)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E) Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	(F) Value of NM Credits (Sum of NM credits associated with Column (E))
261	(\$62.35)	7.60	Solar	(1,965)	(\$275.47)
262	(\$140.04)	3.00	Solar	(1,480)	(\$195.26)
263	(\$40.28)	9.03	Solar	(1,343)	(\$184.02)
264	(\$128.75)	7.60	Solar	(2,366)	(\$341.73)
265	(\$79.80)	7.60	Solar	(1,448)	(\$194.08)
266	(\$518.14)	7.60	Solar	(2,544)	(\$380.51)
267	(\$150.74)	3.80	Solar	(952)	(\$106.89)
268	(\$224.48)	2.80	Solar	(1,333)	(\$155.37)
269	(\$580.41)	6.00	Solar	(3,556)	(\$528.51)
270	(\$194.29)	3.00	Solar	(1,239)	(\$138.66)
271	(\$12.10)	5.20	Solar	(1,206)	(\$160.96)
272	(\$22.91)	5.00	Solar	(1,350)	(\$173.42)
273	(\$275.44)	6.60	Solar	(2,877)	(\$423.62)
274	(\$213.01)	7.50	Solar	(2,195)	(\$323.77)
275	(\$259.43)	6.00	Solar	(2,514)	(\$369.04)
276	(\$589.42)	4.20	Solar	(2,616)	(\$367.65)
277	(\$363.20)	12.69	Solar	(5,010)	(\$796.81)
278	(\$1,283.53)	7.20	Solar	(6,193)	(\$1,002.97)
279	(\$367.23)	9.66	Solar	(3,224)	(\$495.48)
280	(\$117.79)	3.80	Solar	(1,645)	(\$217.23)
281	(\$517.48)	15.20	Solar	(5,158)	(\$816.80)
282	(\$79.18)	5.00	Solar	(1,082)	(\$126.30)
283	(\$49.75)	3.80	Solar	(778)	(\$73.00)
284	(\$47.45)	5.60	Solar	(1,052)	(\$128.57)
285	(\$736.83)	7.00	Solar	(4,035)	(\$617.30)
286	(\$92.75)	5.00	Solar	(1,140)	(\$141.22)
287	(\$84.14)	4.80	Solar	(4,257)	(\$675.76)
288	(\$100.58)	3.08	Solar	(1,070)	(\$128.15)
289	(\$368.37)	10.00	Solar	(2,016)	(\$300.45)
290	(\$314.18)	6.00	Solar	(1,671)	(\$201.69)
291	(\$111.75)	7.60	Solar	(1,217)	(\$153.37)
292	(\$398.85)	7.54	Solar	(4,134)	(\$652.34)
293	(\$101.64)	6.00	Solar	(1,186)	(\$154.24)
294	(\$187.74)	6.60	Solar	(1,709)	(\$234.05)
295	(\$230.23)	5.80	Solar	(2,083)	(\$305.67)
296	(\$18.40)	3.80	Solar	(815)	(\$92.81)
297	(\$592.78)	7.60	Solar	(4,070)	(\$644.97)
298	(\$46.16)	8.60	Solar	(1,847)	(\$280.37)
299	(\$118.00)	10.00	Solar	(2,828)	(\$452.09)
300	(\$259.99)	6.60	Solar	(2,412)	(\$348.28)
301	(\$96.07)	7.60	Solar	(1,655)	(\$224.77)
302	(\$16.28)	3.80	Solar	(495)	(\$66.65)
303	(\$92.85)	6.00	Solar	(1,554)	(\$242.06)
304	(\$322.11)	11.80	Solar	(3,158)	(\$511.79)
305	(\$420.49)	6.00	Solar	(3,336)	(\$505.00)
306	(\$88.11)	7.60	Solar	(7,229)	(\$1,173.56)
307	(\$38.34)	5.00	Solar	(4,300)	(\$579.81)
308	(\$55.35)	6.00	Solar	(1,205)	(\$161.35)
309	(\$180.56)	6.60	Solar	(1,634)	(\$235.75)
310	(\$61.49)	6.80	Solar	(1,643)	(\$242.99)
311	(\$442.30)	5.25	Solar	(2,212)	(\$306.11)
312	(\$109.14)	5.00	Solar	(1,413)	(\$180.66)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E)	(F)
				Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	Value of NM Credits (Sum of NM credits associated with Column (E))
313	(\$145.82)	3.80	Solar	(1,512)	(\$184.02)
314	(\$85.06)	3.80	Solar	(1,286)	(\$165.75)
315	(\$55.27)	3.00	Solar	(878)	(\$88.74)
316	(\$10.55)	5.00	Solar	(1,348)	(\$186.16)
317	(\$435.62)	13.00	Solar	(5,221)	(\$824.14)
318	(\$97.30)	10.00	Solar	(2,367)	(\$372.56)
319	(\$892.17)	11.60	Solar	(7,105)	(\$1,154.44)
320	(\$179.24)	6.00	Solar	(1,678)	(\$222.79)
321	(\$67.08)	2.76	Solar	(892)	(\$89.83)
322	(\$371.90)	4.00	Solar	(1,761)	(\$228.92)
323	(\$370.07)	6.45	Solar	(720)	(\$103.54)
324	(\$401.94)	7.75	Solar	(3,094)	(\$474.17)
325	(\$202.96)	5.00	Solar	(1,706)	(\$253.61)
326	(\$130.11)	5.00	Solar	(1,234)	(\$175.04)
327	(\$143.26)	3.08	Solar	(1,659)	(\$225.81)
328	(\$117.36)	10.00	Solar	(2,138)	(\$346.57)
329	(\$171.71)	5.00	Solar	(2,107)	(\$305.92)
330	(\$520.20)	6.00	Solar	(3,400)	(\$520.28)
331	(\$80.73)	3.80	Solar	(854)	(\$119.03)
332	(\$715.62)	6.00	Solar	(3,277)	(\$494.66)
333	(\$1,557.83)	8.75	Solar	(3,298)	(\$500.73)
334	(\$182.70)	11.40	Solar	(1,754)	(\$227.22)
335	(\$130.95)	7.60	Solar	(1,825)	(\$258.47)
336	(\$201.68)	7.60	Solar	(2,186)	(\$314.77)
337	(\$37.76)	11.40	Solar	(3,614)	(\$573.99)
338	(\$54.45)	2.10	Solar	(947)	(\$117.54)
339	(\$21.49)	4.75	Solar	(1,652)	(\$221.97)
340	(\$66.84)	5.00	Solar	(1,405)	(\$181.47)
341	(\$9.24)	11.40	Solar	(3,556)	(\$557.90)
342	(\$310.01)	5.00	Solar	(1,737)	(\$214.62)
343	(\$123.38)	9.00	Solar	(1,970)	(\$292.24)
344	(\$399.73)	18.56	Solar	(6,647)	(\$1,081.37)
345	(\$245.08)	6.00	Solar	(2,635)	(\$396.81)
346	(\$2,829.76)	10.00	Solar	(6,889)	(\$1,119.05)
347	(\$292.15)	7.60	Solar	(2,493)	(\$351.68)
348	(\$349.36)	7.60	Solar	(2,586)	(\$386.83)
349	(\$1,305.00)	6.00	Solar	(3,768)	(\$571.20)
350	(\$89.49)	3.80	Solar	(1,493)	(\$193.62)
351	(\$408.43)	6.00	Solar	(1,648)	(\$224.85)
352	(\$1,006.85)	7.20	Solar	(6,324)	(\$1,026.17)
353	(\$31.23)	8.25	Solar	(1,808)	(\$246.04)
354	(\$246.33)	3.00	Solar	(700)	(\$78.94)
355	(\$58.40)	7.56	Solar	(2,212)	(\$336.55)
356	(\$199.64)	3.60	Solar	(1,780)	(\$234.85)
357	(\$854.68)	4.24	Solar	(2,770)	(\$407.11)
358	(\$64.81)	5.00	Solar	(1,101)	(\$138.34)
359	(\$2,076.17)	8.60	Solar	(7,465)	(\$1,210.48)
360	(\$2,888.60)	10.00	Solar	(3,245)	(\$400.99)
361	(\$1,202.09)	7.60	Battery Add-On	(4,108)	(\$637.05)
362	(\$1,110.49)	20.00	Solar	(5,880)	(\$874.93)
363	(\$601.64)	6.00	Solar	(4,720)	(\$726.55)
364	(\$355.26)	7.60	Solar	(2,784)	(\$416.90)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E) Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	(F) Value of NM Credits (Sum of NM credits associated with Column (E))
365	(\$313.11)	6.00	Solar	(2,554)	(\$382.50)
366	(\$187.15)	3.00	Solar	(2,008)	(\$272.30)
367	(\$183.63)	6.00	Solar	(1,990)	(\$277.79)
368	(\$135.83)	7.60	Solar	(1,908)	(\$282.99)
369	(\$26.38)	4.00	Solar	(798)	(\$89.15)
370	(\$10.37)	3.80	Solar	(937)	(\$109.43)
371	(\$528.94)	7.60	Solar	(2,747)	(\$426.58)
372	(\$152.69)	7.83	Solar	(2,068)	(\$314.78)
373	(\$156.53)	5.67	Solar	(3,552)	(\$562.29)
374	(\$78.33)	2.58	Solar	(1,042)	(\$111.01)
375	(\$661.75)	5.00	Solar	(2,114)	(\$293.18)
376	(\$114.03)	3.00	Solar	(793)	(\$60.16)
377	(\$75.53)	5.60	Solar	(4,591)	(\$715.15)
378	(\$86.26)	5.50	Solar	(1,108)	(\$151.05)
379	(\$37.72)	14.20	Solar	(2,157)	(\$326.54)
380	(\$89.71)	9.50	Solar	(1,948)	(\$283.28)
381	(\$157.45)	6.00	Solar	(1,616)	(\$233.71)
382	(\$1,349.26)	6.25	Solar	(3,068)	(\$449.46)
383	(\$120.41)	6.00	Solar	(1,941)	(\$279.00)
384	(\$55.90)	5.00	Solar	(1,334)	(\$176.42)
385	(\$31.25)	5.00	Solar	(7,223)	(\$1,044.65)
386	(\$287.95)	4.20	Solar	(2,225)	(\$314.12)
387	(\$17.88)	5.00	Solar	(1,230)	(\$167.92)
388	(\$156.26)	3.80	Solar	(1,401)	(\$173.01)
389	(\$422.14)	10.00	Solar	(3,374)	(\$528.28)
390	(\$25.26)	1.45	Solar	(648)	(\$58.18)
391	(\$354.38)	9.00	Solar	(1,921)	(\$274.05)
392	(\$159.77)	10.00	Solar	(2,613)	(\$391.13)
393	(\$131.47)	9.00	Solar	(1,804)	(\$282.59)
394	(\$225.14)	4.25	Solar	(1,984)	(\$276.70)
395	(\$416.36)	9.00	Solar	(4,172)	(\$648.74)
396	(\$61.50)	3.60	Solar	(1,137)	(\$142.84)
397	(\$657.18)	5.25	Solar	(3,133)	(\$470.95)
398	(\$898.15)	5.20	Solar	(5,117)	(\$806.86)
399	(\$274.00)	2.50	Solar	0	\$0.00
400	(\$118.02)	6.60	Solar	(1,508)	(\$208.22)
401	(\$128.44)	6.60	Solar	(2,050)	(\$310.16)
402	(\$11.52)	3.00	Solar	(979)	(\$127.80)
403	(\$102.36)	10.00	Solar	(2,358)	(\$358.68)
404	(\$273.37)	4.20	Solar	(1,529)	(\$201.72)
405	(\$66.19)	2.76	Solar	(963)	(\$95.55)
406	(\$433.70)	6.00	Solar	(3,466)	(\$514.40)
407	(\$68.29)	7.60	Solar	(3,484)	(\$543.59)
408	(\$499.19)	22.80	Solar	(7,450)	(\$1,139.82)
409	(\$242.96)	2.75	Solar	(31)	\$0.00
410	(\$5.07)	4.73	Solar	(1,321)	(\$178.35)
411	(\$2.60)	6.45	Solar	(708)	(\$82.82)
412	(\$444.74)	11.40	Solar	(3,540)	(\$551.60)
413	(\$1,004.16)	7.60	Solar	(3,971)	(\$607.30)
414	(\$417.48)	6.60	Solar	(3,405)	(\$524.55)
415	(\$102.71)	3.80	Solar	(1,298)	(\$164.08)
416	(\$26.88)	10.40	Solar	(1,759)	(\$275.96)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E) Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	(F) Value of NM Credits (Sum of NM credits associated with Column (E))
417	(\$103.38)	3.00	Solar	(1,203)	(\$137.14)
418	(\$871.70)	7.00	Solar	(5,497)	(\$876.61)
419	(\$293.03)	3.80	Solar	(1,429)	(\$175.27)
420	(\$0.40)	4.00	Solar	(938)	(\$107.70)
421	(\$61.61)	3.68	Solar	(1,120)	(\$135.34)
422	(\$436.14)	7.60	Solar	(3,400)	(\$526.22)
423	(\$246.41)	10.00	Solar	(1,716)	(\$267.18)
424	(\$178.91)	11.40	Solar	(2,682)	(\$404.68)
425	(\$51.07)	3.60	Solar	(983)	(\$127.27)
426	(\$486.10)	11.40	Solar	(3,882)	(\$604.76)
427	(\$342.23)	13.00	Solar	(3,152)	(\$476.83)
428	(\$70.98)	10.25	Solar	(1,675)	(\$230.91)
429	(\$369.70)	10.40	Solar	(2,860)	(\$432.59)
430	(\$2,146.94)	8.40	Solar	(4,396)	(\$692.68)
431	(\$1,653.28)	9.20	Solar	(9,773)	(\$1,635.35)
432	(\$12.15)	4.20	Solar	(916)	(\$110.66)
433	(\$2,955.93)	11.00	Solar	(9,984)	(\$1,651.05)
434	(\$10.06)	3.80	Solar	(1,885)	(\$277.73)
435	(\$245.45)	8.50	Solar	(2,685)	(\$399.78)
436	(\$246.76)	3.80	Solar	(1,676)	(\$244.90)
437	(\$221.61)	3.00	Solar	(1,151)	(\$131.77)
438	(\$144.53)	5.20	Solar	(1,585)	(\$203.15)
439	(\$424.55)	4.00	Solar	(1,476)	(\$179.44)
440	(\$5.95)	7.60	Solar	(1,214)	(\$154.13)
441	(\$12.65)	5.90	Solar	(3,653)	(\$495.15)
442	(\$305.97)	5.00	Solar	(2,483)	(\$342.43)
443	(\$111.40)	6.00	Solar	(1,525)	(\$203.34)
444	(\$277.47)	3.75	Solar	(1,737)	(\$224.26)
445	(\$358.71)	6.45	Solar	(2,610)	(\$395.81)
446	(\$327.43)	7.28	Solar	(3,000)	(\$451.45)
447	(\$27.23)	2.50	Solar	(1,122)	(\$147.65)
448	(\$140.49)	5.00	Solar	(1,633)	(\$203.40)
449	(\$380.70)	10.00	Solar	(4,269)	(\$673.95)
450	(\$23.79)	5.00	Solar	(807)	(\$106.33)
451	(\$164.58)	7.60	Solar	(1,575)	(\$204.98)
452	(\$474.10)	7.60	Solar	(2,468)	(\$381.03)
453	(\$78.39)	7.60	Solar	(2,072)	(\$299.06)
454	(\$89.55)	3.80	Solar	(1,226)	(\$144.08)
455	(\$972.35)	7.60	Solar	(1,739)	(\$236.92)
456	(\$368.80)	7.20	Solar	(2,306)	(\$332.86)
457	(\$710.77)	7.60	Solar	(3,355)	(\$502.99)
458	(\$203.61)	5.00	Solar	(2,495)	(\$368.26)
459	(\$322.34)	5.20	Solar	(2,221)	(\$322.23)
460	(\$35.12)	3.90	Solar	(1,018)	(\$110.00)
461	(\$1,172.29)	3.60	Solar	0	\$0.00
462	(\$294.27)	10.00	Solar	(3,485)	(\$529.85)
463	(\$547.36)	10.00	Solar	(6,350)	(\$1,023.12)
464	(\$312.13)	10.00	Solar	(1,637)	(\$199.08)
465	(\$869.75)	7.84	Solar	(5,017)	(\$791.63)
466	(\$1,872.49)	12.00	Solar	(8,414)	(\$1,376.19)
467	(\$333.41)	4.20	Solar	(3,389)	(\$509.08)
468	(\$216.99)	9.50	Solar	(10,067)	(\$1,547.07)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E) Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	(F) Value of NM Credits (Sum of NM credits associated with Column (E))
469	(\$2,738.11)	4.00	Solar	(3,543)	(\$532.65)
470	(\$26.97)	3.80	Solar	(1,140)	(\$139.98)
471	(\$186.32)	6.00	Solar	(2,328)	(\$357.35)
472	(\$216.61)	14.25	Solar	(2,409)	(\$360.81)
473	(\$350.83)	5.00	Solar	(1,882)	(\$249.22)
474	(\$82.41)	3.08	Solar	(7,818)	(\$1,293.80)
475	(\$426.27)	5.00	Solar	(1,225)	(\$147.74)
476	(\$562.75)	6.60	Solar	(2,833)	(\$413.19)
477	(\$169.49)	12.00	Solar	(1,389)	(\$218.31)
478	(\$44.19)	3.80	Solar	(1,028)	(\$137.01)
479	(\$236.32)	7.60	Solar	(1,790)	(\$245.91)
480	(\$151.83)	3.00	Solar	0	\$0.00
481	(\$399.71)	5.00	Solar	(2,840)	(\$407.89)
482	(\$303.50)	10.00	Solar	(3,298)	(\$503.63)
483	(\$52.00)	1.29	Solar	(739)	(\$64.84)
484	(\$57.20)	15.00	Solar	(1,963)	(\$307.26)
485	(\$613.75)	13.00	Solar	(4,333)	(\$682.22)
486	(\$188.79)	6.00	Solar	(2,122)	(\$288.64)
487	(\$163.55)	3.00	Solar	(1,213)	(\$133.65)
488	(\$367.00)	11.00	Solar	(754)	(\$85.66)
489	(\$334.78)	5.20	Solar	(2,484)	(\$356.25)
490	(\$600.80)	6.00	Solar	(1,080)	(\$148.84)
491	(\$898.31)	6.00	Solar	(1,603)	(\$246.77)
492	(\$740.60)	13.50	Solar	(5,798)	(\$930.10)
493	(\$68.93)	3.80	Solar	(1,086)	(\$134.59)
494	(\$440.79)	6.72	Solar	(3,158)	(\$475.97)
495	(\$67.12)	4.25	Solar	(1,242)	(\$156.57)
496	(\$106.51)	10.00	Solar	(3,280)	(\$518.78)
497	(\$189.26)	11.40	Solar	(2,086)	(\$341.58)
498	(\$687.49)	10.00	Solar	(3,287)	(\$508.58)
499	(\$48.18)	11.40	Solar	(9,979)	(\$1,645.57)
500	(\$26.27)	7.60	Solar	(1,451)	(\$204.42)
501	(\$114.12)	7.60	Solar	(1,344)	(\$182.33)
502	(\$1,637.45)	9.00	Solar	(3,590)	(\$507.80)
503	(\$2,468.62)	4.73	Solar	(3,496)	(\$516.95)
504	(\$309.20)	3.80	Solar	(2,286)	(\$315.24)
505	(\$989.58)	11.40	Solar	(12,628)	(\$1,968.56)
506	(\$183.32)	5.00	Solar	(1,521)	(\$186.08)
507	(\$37.21)	5.00	Solar	(1,271)	(\$169.80)
508	(\$24.40)	5.00	Solar	(1,457)	(\$205.36)
509	(\$29.77)	3.80	Solar	(688)	(\$67.72)
510	(\$419.93)	5.00	Solar	(1,867)	(\$249.64)
511	(\$150.57)	5.00	Solar	(1,684)	(\$272.44)
512	(\$52.84)	6.00	Solar	(1,467)	(\$187.62)
513	(\$28.98)	6.00	Solar	(993)	(\$113.33)
514	(\$10.17)	3.80	Solar	(922)	(\$105.24)
515	(\$9.14)	5.76	Solar	(967)	(\$139.34)
516	(\$69.42)	7.60	Solar	(1,439)	(\$233.20)
517	(\$74.10)	8.00	Solar	(1,721)	(\$247.61)
518	(\$287.95)	7.60	Solar	(2,352)	(\$337.45)
519	(\$98.69)	7.00	Solar	(2,110)	(\$319.62)
520	(\$61.40)	3.50	Solar	(1,042)	(\$121.72)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E) Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	(F) Value of NM Credits (Sum of NM credits associated with Column (E))
521	(\$228.29)	5.38	Solar	(1,694)	(\$217.01)
522	(\$531.54)	7.74	Solar	(2,599)	(\$403.31)
523	(\$58.92)	6.00	Solar	(3,225)	(\$490.77)
524	(\$2,385.82)	8.60	Solar	(9,736)	(\$1,616.58)
525	(\$1,191.71)	7.80	Solar	(6,746)	(\$1,093.81)
526	(\$860.81)	7.80	Solar	(8,184)	(\$1,342.54)
527	(\$113.25)	4.20	Solar	(1,168)	(\$174.71)
528	(\$129.32)	3.60	Solar	(90)	(\$5.64)
529	(\$255.22)	5.00	Solar	(1,380)	(\$162.71)
530	(\$428.31)	4.73	Solar	(2,480)	(\$347.10)
531	(\$23.58)	5.20	Solar	(1,393)	(\$189.12)
532	(\$180.56)	5.16	Solar	(2,046)	(\$288.40)
533	(\$95.36)	5.00	Solar	(1,754)	(\$253.38)
534	(\$1,331.26)	10.08	Solar	(6,665)	(\$1,083.52)
535	(\$54.52)	5.00	Solar	(801)	(\$117.59)
536	(\$562.56)	5.16	Solar	(1,807)	(\$244.47)
537	(\$193.90)	7.25	Solar	(1,783)	(\$256.55)
538	(\$113.97)	6.00	Solar	(1,761)	(\$233.30)
539	(\$324.34)	7.60	Solar	(2,636)	(\$401.04)
540	(\$107.00)	5.75	Solar	(1,193)	(\$151.17)
541	(\$123.36)	8.60	Solar	(1,904)	(\$264.40)
542	(\$60.89)	7.60	Solar	(1,277)	(\$172.70)
543	(\$838.80)	10.00	Solar	(5,226)	(\$838.80)
544	(\$290.22)	13.60	Solar	(3,386)	(\$542.09)
545	(\$68.50)	3.00	Solar	(760)	(\$78.75)
546	(\$229.89)	7.60	Solar	(2,286)	(\$322.54)
547	(\$196.24)	7.60	Solar	(1,944)	(\$279.17)
548	(\$123.35)	6.60	Solar	(1,092)	(\$155.16)
549	(\$97.88)	13.60	Solar	0	\$0.00
550	(\$248.80)	3.80	Solar	(2,038)	(\$270.00)
551	(\$114.71)	3.64	Solar	(1,043)	(\$152.42)
552	(\$72.48)	7.60	Solar	(2,062)	(\$298.58)
553	(\$4,318.24)	11.00	Solar	(12,346)	(\$2,066.72)
554	(\$322.79)	5.00	Solar	(2,776)	(\$408.47)
555	(\$495.15)	7.60	Solar	(3,598)	(\$551.92)
556	(\$106.49)	3.00	Solar	(709)	(\$81.66)
557	(\$725.80)	6.00	Solar	(3,797)	(\$573.43)
558	(\$1,159.15)	6.00	Solar	(4,235)	(\$668.00)
559	(\$41.29)	10.75	Solar	(1,871)	(\$263.47)
560	(\$520.59)	7.20	Solar	(354)	(\$49.03)
561	(\$153.21)	6.00	Solar	(2,825)	(\$428.77)
562	(\$829.55)	10.00	Solar	(4,838)	(\$756.34)
563	(\$1,311.05)	4.00	Solar	(2,560)	(\$300.03)
564	(\$438.54)	7.60	Solar	(1,949)	(\$283.36)
565	(\$638.32)	5.70	Solar	0	\$0.00
566	(\$137.91)	3.60	Solar	(999)	(\$110.33)
567	(\$136.32)	7.60	Solar	(2,053)	(\$291.33)
568	(\$417.63)	3.00	Solar	(913)	(\$83.85)
569	(\$230.90)	7.50	Solar	(2,587)	(\$385.55)
570	(\$1,695.60)	14.62	Solar	(6,718)	(\$1,008.43)
571	(\$724.03)	6.50	Solar	(2,997)	(\$479.50)
572	(\$20.98)	5.00	Solar	(861)	(\$92.55)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E) Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	(F) Value of NM Credits (Sum of NM credits associated with Column (E))
573	(\$8.73)	2.25	Solar	(899)	(\$106.38)
574	(\$244.61)	6.00	Solar	(2,637)	(\$405.57)
575	(\$329.18)	3.00	Solar	(1,346)	(\$136.45)
576	(\$354.15)	7.60	Solar	(2,980)	(\$452.56)
577	(\$180.77)	7.60	Solar	(1,940)	(\$288.54)
578	(\$153.77)	7.60	Solar	(1,888)	(\$263.28)
579	(\$19.26)	6.00	Solar	(1,128)	(\$133.15)
580	(\$57.85)	7.60	Solar	(1,682)	(\$237.63)
581	(\$239.53)	5.00	Solar	(1,982)	(\$279.39)
582	(\$131.87)	3.87	Solar	(1,839)	(\$208.39)
583	(\$43.15)	9.92	Solar	(1,177)	(\$158.49)
584	(\$269.49)	3.60	Solar	(2,643)	(\$386.48)
585	(\$55.34)	3.00	Solar	(1,068)	(\$120.36)
586	(\$114.56)	5.20	Solar	(1,328)	(\$188.92)
587	(\$270.75)	7.60	Solar	(2,538)	(\$373.29)
588	(\$286.89)	3.91	Solar	(2,281)	(\$317.51)
589	(\$4.27)	4.95	Solar	(877)	(\$109.45)
590	(\$110.22)	5.20	Solar	(1,216)	(\$177.68)
591	(\$125.84)	6.60	Solar	(1,723)	(\$227.87)
592	(\$195.61)	6.80	Solar	(1,794)	(\$252.81)
593	(\$36.26)	5.20	Solar	(1,028)	(\$124.18)
594	(\$134.31)	6.00	Solar	(1,559)	(\$236.41)
595	(\$25.33)	3.80	Solar	(824)	(\$90.85)
596	(\$62.26)	8.12	Solar	(1,726)	(\$270.77)
597	(\$752.07)	7.60	Solar	(3,732)	(\$563.53)
598	(\$203.60)	3.44	Solar	(1,027)	(\$119.08)
599	(\$504.91)	6.00	Solar	(2,425)	(\$340.23)
600	(\$156.29)	5.00	Solar	(1,900)	(\$283.75)
601	(\$26.89)	5.59	Solar	(999)	(\$109.22)
602	(\$317.81)	6.00	Solar	(2,400)	(\$346.03)
603	(\$20.30)	6.00	Solar	(1,357)	(\$197.52)
604	(\$375.41)	13.60	Solar	(3,343)	(\$516.19)
605	(\$278.65)	5.00	Solar	(2,439)	(\$359.38)
606	(\$8.33)	5.00	Solar	(883)	(\$117.43)
607	(\$821.22)	6.60	Solar	(3,610)	(\$549.01)
608	(\$336.57)	6.00	Solar	(2,750)	(\$404.80)
609	(\$100.55)	7.60	Solar	(2,126)	(\$305.11)
610	(\$229.27)	5.00	Solar	(2,164)	(\$300.22)
611	(\$61.90)	6.00	Solar	(1,406)	(\$213.66)
612	(\$338.85)	3.87	Solar	(2,527)	(\$373.14)
613	(\$599.05)	7.80	Solar	(4,840)	(\$778.68)
614	(\$220.72)	6.60	Solar	(1,924)	(\$275.64)
615	(\$277.72)	15.00	Solar	(4,378)	(\$752.72)
616	(\$7.07)	3.00	Solar	(840)	(\$92.50)
617	(\$50.57)	3.08	Solar	(1,081)	(\$137.37)
618	(\$280.63)	7.60	Solar	(2,249)	(\$314.21)
619	(\$1,962.33)	10.00	Solar	(5,515)	(\$878.41)
620	(\$134.38)	7.60	Solar	(1,752)	(\$233.97)
621	(\$334.86)	9.00	Solar	(3,268)	(\$415.15)
622	(\$60.88)	3.80	Solar	(1,226)	(\$147.94)
623	(\$60.69)	4.32	Solar	(1,111)	(\$145.43)
624	(\$227.03)	6.45	Solar	(2,355)	(\$342.63)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E) Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	(F) Value of NM Credits (Sum of NM credits associated with Column (E))
625	(\$651.82)	5.25	Solar	(2,653)	(\$380.38)
626	(\$38.08)	7.60	Solar	(1,340)	(\$177.54)
627	(\$244.26)	8.25	Solar	(9,568)	(\$1,587.01)
628	(\$37.81)	8.50	Solar	(3,197)	(\$496.00)
629	(\$114.05)	5.00	Solar	(1,279)	(\$190.21)
630	(\$743.02)	10.00	Solar	(2,538)	(\$391.45)
631	(\$9.90)	3.80	Solar	(980)	(\$108.39)
632	(\$78.00)	6.00	Solar	(2,405)	(\$350.57)
633	(\$270.77)	3.00	Solar	(1,260)	(\$154.62)
634	(\$130.90)	4.95	Solar	(645)	(\$74.16)
635	(\$140.51)	6.60	Solar	(2,152)	(\$309.74)
636	(\$148.92)	6.00	Solar	(1,881)	(\$257.89)
637	(\$302.40)	7.60	Solar	(1,565)	(\$228.63)
638	(\$242.98)	5.00	Solar	(1,900)	(\$251.39)
639	(\$23.00)	3.80	Solar	(896)	(\$100.16)
640	(\$298.69)	7.60	Solar	(1,354)	(\$208.99)
641	(\$72.53)	3.80	Solar	(1,198)	(\$152.10)
642	(\$10.03)	5.00	Solar	(1,387)	(\$198.52)
643	(\$270.33)	6.00	Solar	(1,929)	(\$259.79)
644	(\$45.33)	3.00	Solar	(466)	(\$53.46)
645	(\$11.62)	5.00	Solar	(1,010)	(\$104.07)
646	(\$125.35)	7.60	Solar	(2,083)	(\$311.62)
647	(\$37.21)	6.25	Solar	(1,529)	(\$212.75)
648	(\$86.24)	9.00	Solar	(2,531)	(\$386.74)
649	(\$650.31)	6.00	Solar	(1,536)	(\$216.29)
650	(\$5,513.35)	5.30	Solar	(5,926)	(\$943.33)
651	(\$566.89)	4.00	Solar	(1,870)	(\$245.02)
652	(\$288.52)	5.50	Solar	(2,171)	(\$315.39)
653	(\$62.86)	3.60	Solar	(20)	\$0.00
654	(\$1,034.61)	7.60	Solar	(7,026)	(\$1,042.80)
655	(\$80.84)	10.00	Solar	(1,768)	(\$254.66)
656	(\$258.35)	7.20	Solar	(6,562)	(\$1,080.82)
657	(\$287.03)	10.00	Solar	(2,800)	(\$434.96)
658	(\$68.53)	6.00	Solar	(78)	(\$4.57)
659	(\$7.11)	7.74	Solar	(73)	\$0.00
660	(\$12.54)	5.00	Solar	(404)	(\$32.16)
661	(\$241.88)	7.60	Solar	(2,001)	(\$274.65)
662	(\$108.53)	5.00	Solar	(1,281)	(\$159.40)
663	(\$57.50)	7.25	Solar	(1,877)	(\$261.72)
664	(\$552.34)	6.00	Solar	(2,870)	(\$427.56)
665	(\$675.61)	6.00	Solar	(2,145)	(\$304.24)
666	(\$628.71)	13.60	Solar	(6,830)	(\$1,109.78)
667	(\$281.48)	15.00	Solar	(2,915)	(\$463.34)
668	(\$752.40)	7.60	Solar	(4,832)	(\$777.80)
669	(\$508.96)	10.00	Solar	(3,487)	(\$575.41)
670	(\$26.84)	4.20	Solar	(924)	(\$108.80)
671	(\$241.98)	7.60	Solar	(2,506)	(\$365.85)
672	(\$391.07)	2.58	Solar	(3,479)	(\$544.31)
673	(\$69.43)	5.00	Solar	(1,183)	(\$145.64)
674	(\$120.56)	4.09	Solar	(1,344)	(\$182.99)
675	(\$426.18)	7.60	Solar	(3,140)	(\$475.45)
676	(\$981.33)	10.40	Solar	(1,618)	(\$260.25)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E)	(F)
				Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	Value of NM Credits (Sum of NM credits associated with Column (E))
677	(\$388.02)	5.00	Solar	(1,621)	(\$219.55)
678	(\$469.67)	5.00	Solar	(3,334)	(\$509.40)
679	(\$156.93)	6.00	Solar	(810)	(\$112.99)
680	(\$2.30)	6.00	Solar	(1,452)	(\$200.48)
681	(\$527.16)	6.60	Solar	(367)	(\$44.99)
682	(\$426.37)	6.50	Solar	(2,441)	(\$362.88)
683	(\$109.48)	9.00	Solar	(2,205)	(\$312.76)
684	(\$324.83)	7.60	Solar	(1,807)	(\$284.32)
685	(\$1,831.51)	4.73	Solar	(6,138)	(\$987.46)
686	(\$1,565.63)	14.19	Solar	(4,474)	(\$734.69)
687	(\$2.52)	5.00	Solar	(881)	(\$96.01)
688	(\$59.05)	6.00	Solar	(1,408)	(\$194.19)
689	(\$134.13)	5.00	Solar	(1,601)	(\$218.39)
690	(\$31.83)	7.00	Solar	(1,821)	(\$275.87)
691	(\$27.59)	5.00	Solar	(1,220)	(\$147.55)
692	(\$47.79)	3.00	Solar	(1,259)	(\$148.60)
693	(\$96.31)	3.80	Solar	(1,401)	(\$182.42)
694	(\$106.48)	2.50	Solar	(364)	(\$49.19)
695	(\$466.65)	6.00	Solar	(3,241)	(\$494.63)
696	(\$313.06)	7.75	Solar	(2,351)	(\$342.44)
697	(\$1.58)	3.00	Solar	(685)	(\$57.36)
698	(\$274.51)	2.80	Solar	(1,796)	(\$222.41)
699	(\$1.65)	3.25	Solar	(816)	(\$87.54)
700	(\$229.13)	9.00	Solar	(2,925)	(\$446.24)
701	(\$459.47)	2.61	Solar	(3,460)	(\$515.53)
702	(\$364.83)	7.60	Solar	(3,195)	(\$491.23)
703	(\$191.05)	6.75	Solar	(1,898)	(\$273.32)
704	(\$154.45)	4.30	Solar	(1,784)	(\$243.64)
705	(\$314.61)	7.60	Solar	(2,603)	(\$377.76)
706	(\$1,370.92)	7.20	Solar	(3,922)	(\$625.70)
707	(\$946.13)	7.80	Solar	(6,216)	(\$1,005.52)
708	(\$174.61)	6.00	Solar	(2,764)	(\$416.93)
709	(\$85.76)	5.75	Solar	(1,475)	(\$230.08)
710	(\$27.09)	6.80	Solar	(1,447)	(\$186.64)
711	(\$96.93)	19.40	Solar	(4,357)	(\$684.93)
712	(\$78.56)	7.56	Solar	(1,733)	(\$241.68)
713	(\$88.39)	5.00	Solar	(1,400)	(\$185.73)
714	(\$618.27)	10.53	Solar	(4,748)	(\$755.97)
715	(\$219.62)	8.00	Solar	(2,396)	(\$370.46)
716	(\$342.56)	0.25	Solar	(2,168)	(\$324.41)
717	(\$18.52)	3.00	Solar	(805)	(\$85.62)
718	(\$843.72)	11.40	Solar	(4,895)	(\$772.55)
719	(\$60.83)	6.96	Solar	(1,868)	(\$265.98)
720	(\$187.52)	2.50	Solar	(1,179)	(\$128.08)
721	(\$274.49)	6.40	Solar	(2,708)	(\$402.72)
722	(\$189.92)	5.04	Solar	(2,037)	(\$284.82)
723	(\$1,268.07)	10.00	Solar	(3,835)	(\$592.11)
724	(\$611.72)	6.00	Solar	(1,784)	(\$256.20)
725	(\$393.78)	4.00	Solar	(1,419)	(\$176.28)
726	(\$23.49)	3.00	Solar	(1,203)	(\$138.77)
727	(\$90.51)	6.00	Solar	(2,035)	(\$293.65)
728	(\$349.77)	6.00	Solar	(2,075)	(\$292.27)

(A) Account Number	(B) Net balance December 2019 Bill	(C) Name Plate Capacity (kW AC)	(D) Fuel Type	(E) Volume of Net Metering Credits kWh (Sum of -ve meter reads only)	(F) Value of NM Credits (Sum of NM credits associated with Column (E))
729	(\$9.09)	6.00	Solar	(1,213)	(\$167.15)
730	(\$84.57)	5.50	Solar	(1,890)	(\$266.61)
731	(\$146.79)	5.00	Solar	(1,430)	(\$194.77)
732	(\$254.62)	6.00	Solar	(1,892)	(\$255.40)
733	(\$291.04)	5.00	Solar	(2,008)	(\$287.61)
734	(\$198.79)	8.40	Solar	(2,645)	(\$395.74)
735	(\$740.52)	0.43	Solar	(1,164)	(\$149.62)
736	(\$195.03)	7.60	Solar	(2,941)	(\$442.15)
737	(\$273.92)	4.50	Solar	(2,579)	(\$380.80)
738	(\$121.97)	7.60	Solar	(1,688)	(\$237.29)
739	(\$13.16)	11.40	Solar	(2,137)	(\$336.87)
740	(\$213.68)	7.60	Solar	(2,094)	(\$300.47)
741	(\$2,342.11)	12.00	Solar	(14,415)	(\$2,456.40)
742	(\$81.04)	6.00	Solar	(783)	(\$115.49)
743	(\$109.37)	3.84	Solar	(1,326)	(\$154.76)
744	(\$262.49)	4.20	Solar	(1,689)	(\$234.34)
745	(\$186.28)	6.00	Solar	(3,416)	(\$513.21)
746	(\$2,170.94)	9.28	Solar	(7,551)	(\$1,220.84)
747	(\$244.45)	3.00	Solar	(2,138)	(\$297.31)
748	(\$80.72)	6.00	Solar	(8,708)	(\$1,449.88)
749	(\$849.50)	10.00	Solar	(2,600)	(\$399.48)
750	(\$5.26)	6.24	Solar	(5,867)	(\$834.75)

PUC 1-2

Request:

Referencing National Grid's response to PUC 2-6 in Docket 4930, please provide a table that shows the value of what National Grid describes as "net metering credits" in volume and value by rate class. Please provide an additional column that shows the estimated generation over the same time period. Please provide the data for all years since 2008.

Response:

Please see Attachment PUC 1-2 for a table of net metering credits in volume and value by rate class. The Company does not have the 2008 net metering data, as this data was not collected through the Company's billing system until April of 2009. Additionally, the Company is unable to estimate generation over the same time period due to the nature of net metering.

Net Metering Credit Monetary Value (Renewable Generation Credits)

	A16	A60	C06	G02	G32	Total
2009	(\$2,805)	(\$70)	(\$1,170)	\$0	(\$240,647)	(\$244,692)
2010	(\$4,552)	(\$99)	(\$1,028)	\$0	(\$329,863)	(\$335,542)
2011	(\$4,494)	(\$35)	(\$2,969)	(\$850)	(\$214,875)	(\$223,223)
2012	(\$7,846)	(\$248)	(\$13,987)	(\$1,629)	(\$143,176)	(\$166,886)
2013	(\$12,772)	(\$640)	(\$34,986)	(\$1,547)	(\$3,274)	(\$53,218)
2014	(\$26,144)	(\$821)	(\$37,858)	(\$9,483)	\$0	(\$74,306)
2015	(\$49,771)	(\$1,668)	(\$61,054)	(\$14,760)	(\$1,714)	(\$128,967)
2016	(\$144,746)	(\$1,070)	(\$1,185,899)	(\$16,402)	(\$3,013)	(\$1,351,130)
2017	(\$209,665)	(\$1,838)	(\$3,697,933)	(\$13,298)	(\$11,218)	(\$3,933,952)
2018	(\$286,830)	(\$3,163)	(\$5,188,377)	(\$27,279)	\$0	(\$5,505,651)
2019	(\$573,013)	(\$11,989)	(\$20,542,686)	(\$55,504)	(\$306)	(\$21,183,499)

Net Metering Credit Volume (kWh Exported - Generation in excess of Use)

	A16	A60	C06	G02	G32	Total
2009	(19,593)	(648)	(7,942)	-	(2,113,159)	(2,141,342)
2010	(31,037)	(746)	(7,099)	-	(3,460,321)	(3,499,203)
2011	(35,969)	(330)	(24,298)	(9,990)	(2,663,399)	(2,733,986)
2012	(61,246)	(2,263)	(90,736)	(19,813)	(1,705,789)	(1,879,847)
2013	(88,169)	(4,955)	(237,664)	(16,544)	(39,175)	(386,507)
2014	(181,746)	(6,333)	(270,722)	(96,289)	-	(555,090)
2015	(305,642)	(8,189)	(392,578)	(118,565)	(23,742)	(848,716)
2016	(945,801)	(7,663)	(8,034,352)	(179,170)	(47,686)	(9,214,672)
2017	(1,471,497)	(14,657)	(26,084,334)	(149,160)	(6,437)	(27,726,085)
2018	(1,753,055)	(21,273)	(31,777,494)	(270,604)	-	(33,822,426)
2019	(3,284,454)	(69,300)	(119,982,615)	(547,594)	(2,857)	(123,886,820)

PUC 1-3

Request:

Referencing National Grid's response to PUC 2-7 in Docket No. 4930, please provide a list of all net metering facilities for whom the delivery service account(s) that receive(s) the net metering credits is not located at the net metering system site (i.e., is associated with a Public Entity, Educational Institution, Hospital, Nonprofit, or Multi-municipal Collaborative, or a Community Remote Net Metering System), as well as the nameplate capacity (kW AC) and estimated capacity factor of each facility. Please limit the response to facilities that have an interconnection service agreement. Please also list the actual or anticipated date of commercial operation.

Response:

See Attachment PUC 1-3 for list of all net metering facilities with service account located somewhere other than the system site.

Application ID	Actual Commercial Operation Date	Anticipated Commercial Operation Date	City	Nameplate Capacity (kW AC)	DG Fuel Source	Estimated Capacity Factor
174804	10/13/2016	Operational	COVENTRY	1500	Wind	22.8%
174882	8/5/2016	Operational	COVENTRY	4500	Wind	22.8%
174969	7/8/2016	Operational	COVENTRY	1500	Wind	22.8%
175043	7/8/2016	Operational	COVENTRY	1500	Wind	22.8%
175823	6/26/2017	Operational	LINCOLN	1116	Solar	16.1%
175888	10/10/2016	Operational	WEST WARWICK	384	Solar	16.1%
176037	12/28/2018	Operational	NORTH SMITHFIELD	1250	Solar	16.1%
176078	8/11/2016	Operational	PORTSMOUTH	1500	Wind	22.8%
176271	12/28/2018	Operational	WOOD RIVER JT	4005	Solar	16.1%
176346	8/19/2019	Operational	HOPE	10000	Solar	16.1%
176602	8/21/2018	Operational	NORTH KINGSTOWN	1000	Solar	16.1%
176606	10/18/2018	Operational	WARWICK	4992	Solar	16.1%
176792	10/4/2018	Operational	NORTH PROVIDENCE	2100	Solar	16.1%
176801	10/22/2018	Operational	SOUTH KINGSTOWN	3780	Solar	16.1%
176830	10/27/2018	Operational	WEST KINGSTON	3100	Solar	16.1%
176950	12/30/2019	Operational	WEST GREENWICH	8000	Solar	16.1%
176951	12/30/2019	Operational	WEST GREENWICH	8000	Solar	16.1%
176952	12/30/2019	Operational	WEST GREENWICH	8000	Solar	16.1%
176954	12/30/2019	Operational	HOPKINTON	5000	Solar	16.1%
176955	12/30/2019	Operational	HOPKINTON	3875	Solar	16.1%
176956	12/30/2019	Operational	HOPKINTON	5000	Solar	16.1%
176973	Not Operational	12/31/2020	COVENTRY	3000	Solar	16.1%
176983	12/28/2017	Operational	RICHMOND	3000	Solar	16.1%
177012	12/22/2017	Operational	RICHMOND	1500	Solar	16.1%
177050	12/6/2018	Operational	JOHNSTON	1620	Solar	16.1%
177241	12/19/2018	Operational	JOHNSTON	3000	Wind	22.8%
177242	12/19/2018	Operational	JOHNSTON	3000	Wind	22.8%
177277	12/20/2018	Operational	JOHNSTON	3000	Wind	22.8%
177298	5/17/2019	Operational	CRANSTON	8500	Solar	16.1%
177300	5/7/2019	Operational	CRANSTON	7750	Solar	16.1%
177433	12/27/2018	Operational	LINCOLN	3000	Solar	16.1%
177525	11/19/2018	Operational	JOHNSTON	3000	Solar	16.1%
177529	Not Operational	5/31/2022	NORTH KINGSTOWN	10000	Solar	16.1%
177530	Not Operational	5/31/2022	NORTH KINGSTOWN	10000	Solar	16.1%
177531	Not Operational	5/31/2022	NORTH KINGSTOWN	10000	Solar	16.1%
177532	Not Operational	5/31/2022	NORTH KINGSTOWN	10000	Solar	16.1%
177606	Not Operational	7/30/2020	GLOCESTER	1760	Solar	16.1%
177607	12/30/2019	Operational	WYOMING	1250	Solar	16.1%
177686	Not Operational	11/30/2020	WEST KINGSTON	5250	Solar	16.1%
177843	Not Operational	11/20/2020	CRANSTON	2375	Solar	16.1%
177857	8/26/2019	Operational	MAPLEVILLE	2540	Solar	16.1%
177903	Not Operational	6/5/2020	WEST GREENWICH	3340	Solar	16.1%
177983	Not Operational	12/18/2020	NORTH SMITHFIELD	6220	Solar	16.1%
178088	6/7/2019	Operational	JOHNSTON	2010	Solar	16.1%
178153	Not Operational	7/1/2020	SMITHFIELD	2640	Solar	16.1%
178341	Not Operational	12/9/2020	ASHAWAY	8000	Solar	16.1%
178348	Not Operational	6/1/2020	WARWICK	4780	Solar	16.1%
178417	12/30/2019	Operational	WEST GREENWICH	1750	Solar	16.1%
178570	Not Operational	11/13/2020	FOSTER	2586	Solar	16.1%
178639	Not Operational	9/30/2020	TIVERTON	2440	Solar	16.1%
178654	Not Operational	7/9/2020	EXETER	2750	Solar	16.1%
184886	Not Operational	7/31/2020	Westerly	4080	Solar	16.1%
184910	Not Operational	12/15/2020	Warren	1600	Solar	16.1%
184947	Not Operational	12/23/2020	Cranston	6250	Solar	16.1%
185244	Not Operational	11/30/2020	Westerly	800	Solar	16.1%
188903	Not Operational	12/11/2020	Tiverton	1826	Solar	16.1%
189125	Not Operational	12/18/2020	North Smithfield	6220	Solar	16.1%
189283	Not Operational	6/5/2020	West Greenwich	3340	Solar	16.1%
193610	Not Operational	6/19/2020	Providence	4999	Solar	16.1%
200587	Not Operational	4/14/2020	South Kingstown	120	Solar	16.1%
201084	Not Operational	3/1/2021	Cumberland	4482	Solar	16.1%
207003	Not Operational	2/26/2021	Tiverton	1660	Solar	16.1%
209846	Not Operational	12/31/2020	East Providence	2000	Solar	16.1%

PUC 1-4

Request:

Please list in a table all net metering facilities that contributed to energy sales in the ISO market (e.g., those above 25 kW) valued at \$3,264,064 on Bates page 125. Please include a column with the nameplate capacity; a column with the fuel type; a column with the volume of kWh sold into the market for each facility; and include another column with the total value of each facility's output that sums to \$3,264,064. Please add a row to the bottom of the table with totals.

Response:

See Attachment PUC 1-4 for a list of all net metering facilities that contributed to energy sales in the ISO market during 2019. Lines (1) through (104) represent the proceeds received during 2019 and total \$3,113,460. The Company included in its filing an adjustment to this amount for \$150,605, as shown on line (106) which represents proceeds associated with three net metering facilities that were required to be registered as modeled generators (projects that are 5 MWs or larger are required to be registered as modeled generators versus projects that are less than 5 MWs that can be registered as settlement only generators – SOGs) with ISO-NE by the developer rather than by the Company.¹ Such registration is to be completed by the developer, not the Company. The initial registration of these assets by the developer at ISO-NE was incorrect, and as a result, the developer received the energy payments rather than the Company. At the same time, the developer was also receiving net metering credits. Upon identifying the issue, the Company invoiced the developer for the amount of proceeds received for the energy. The registration of the projects was corrected and the Company began receiving the energy payments on April 12, 2019. Although the Company has not yet received the energy payments prior to April 12, 2019 from the developer, the Company included the amount (\$150,605) in the net metering reconciliation in order to provide the customers the value of the energy which they should have received had the developer registered the projects correctly. The total of the proceeds received in 2019 of \$3,113,460 and the proceeds received by the developer and to be paid to the Company of \$150,605 equals the \$3,264,064² as shown on Bates page 125.

¹ Projects of this size are required to be registered as model generators so that ISO-NE has 24/7 access to them to provide ISO-NE control instructions, if circumstances require.

² The difference of \$1 is due to rounding.

Asset Tag	Generating Facility	Fuel Type	Nameplate Capacity	2019		
				Total Kwh	Total Dollars	
(1)	11827	PORTSMOUTH ABBEY WIND QF	Wind	660.0	216,999	\$7,209
(2)	37230	UNITED NAT. FOODS PROV. RI PV	Solar	75.0	30,144	\$730
(3)	37965	BIO-DETEK PAWTUCKET RI PV	Solar	164.0	39,204	\$860
(4)	40246	HODGES BADGE CO WIND	Wind	225.0	19,498	\$491
(5)	41821	NEW ENGLAND TECH WIND	Wind	100.0	1,235	\$29
(6)	41839	ARPIN ASSOCIATES - PV	Solar	150.0	12,609	\$237
(7)	41847	FISHERMENS MEMORIAL PARK- WIND	Wind	100.0	47,645	\$1,503
(8)	43492	NARR BAY - 02903WT4500NM	Wind	4,500.0	1,711,588	\$45,559
(9)	43657	RIPTA - 02907PV300NM	Solar	300.0	3	\$0
(10)	43956	MILLWORK-02920PV495NM	Solar	495.0	184,655	\$4,165
(11)	46717	EAST BAY-02915PV70NM	Solar	70.0	21,055	\$477
(12)	47283	NATIONAL MARKER-02896PV186NM	Solar	185.6	66,376	\$1,464
(13)	48665	IMPERIAL DELTAH-02914PV264NM	Solar	264.0	131,563	\$2,955
(14)	48787	KNIGHT FARM-02828PV70NM	Solar	70.0	44,621	\$1,115
(15)	48788	HOWLANDASS.-02865PV136NM	Solar	136.2	13,728	\$318
(16)	48811	ALVES238E.MAINRD-02842PV86.4NM	Solar	86.4	133,549	\$3,862
(17)	48824	KJA PROPERTIES-02842PV63NM	Solar	63.0	52,692	\$1,340
(18)	48913	VALLEYST.MILL-02909PV98NM	Solar	98.0	123,378	\$3,123
(19)	49001	NEXAMFACTORYST-02893PV384NM	Solar	384.0	485,830	\$12,635
(20)	49289	FUREYROOFINGCO-02888PV29NM	Solar	28.8	18,249	\$418
(21)	49292	NATCOPRODUCTS-02893PV375NM	Solar	375.0	50,943	\$1,241
(22)	49331	SHALOMHOUSING-02886WT100NM	Wind	100.0	3,941	\$125
(23)	49354	SEAVIEWINLLC-02842PV180NM	Solar	180.0	6,312	\$131
(24)	49361	CROMWELLVENTURES-02907PV69NM	Solar	69.0	85,873	\$2,354
(25)	49404	PKPROPERTIES-02914PV120NM	Solar	119.9	17,926	\$430
(26)	49409	GMHMIL.HOUSING-02842PV612NM	Solar	612.0	397,734	\$9,414
(27)	49411	NBC COV WIND	Wind	1,500.0	11,228,696	\$376,762
(28)	49412	W WARWICK COV WIND	Wind	4,500.0	10,132,736	\$322,923
(29)	49414	LUCY'SHEARTH-02842PV29NM	Solar	28.8	5,751	\$133
(30)	49768	AQUIDNECKCUSTOM-02809PV28NM	Solar	28.8	11,624	\$265
(31)	50060	QUALITYDRIVELL-02865PV1116NM	Solar	1,116.0	1,604,688	\$41,575
(32)	50073	BRISTOLBUFFETLLC-02809PV46NM	Solar	46.0	11,555	\$319
(33)	50078	EMBRACELOANS#25-02842PV133NM	Solar	133.0	6,942	\$128
(34)	50197	ARDENJEWELRY-02919PV108NM	Solar	108.0	88,403	\$2,081
(35)	50223	COV.SCHOOL-SOLECT-02816PV100NM	Solar	100.0	44,717	\$1,306
(36)	50230	EMBRACELOANS110-02842PV133NM	Solar	133.0	66,496	\$1,544
(37)	50232	AAANORTHEASTLNC-02915PV150NM	Solar	149.5	118,949	\$2,793
(38)	50594	MILLSCOFFEEROAST-02905PV37.8NM	Solar	37.8	19,396	\$458
(39)	50595	FAIRGROUNDSREALTY-02892PV144NM	Solar	144.0	114,781	\$2,787
(40)	50602	CRANSTON SOLAR	Solar	7,750.0	17,109,093	\$437,331
(41)	50626	WARWICKPOULTRY-02908PV252NM	Solar	252.0	545,848	\$12,654
(42)	50639	GREEN HILL WIND	Wind	3,000.0	4,212,779	\$108,942
(43)	50642	SHUN II WIND	Wind	3,000.0	4,595,405	\$118,802
(44)	50643	SHUN I WIND	Wind	3,000.0	4,522,270	\$121,372
(45)	50799	STORAGEUSA741-02919PV86.4NM	Solar	86.4	76,614	\$2,138
(46)	50804	THURSTONSAILS-02809PV35NM	Solar	34.5	92,425	\$1,917
(47)	50811	PROVWATERSUPPLY-02907PV496NM	Solar	496.0	439,174	\$9,918
(48)	50812	87TOMHARVEYRD-02891PV167NM	Solar	166.5	234,384	\$5,412
(49)	50819	WEDKINGSTOWNWEST-02898PV1500NM	Solar	1,500.0	2,110,760	\$56,351
(50)	50821	WEDKINGSTOWNEAST-02898PV3000NM	Solar	3,000.0	3,963,484	\$111,950
(51)	50828	STOFRIPOWERS-02908PV140NM	Solar	140.0	6,065	\$120
(52)	50872	EXTRASPACESTORAGE-02891PV60NM	Solar	57.6	40,550	\$920
(53)	50880	TOWNOFWESTERLY-02891PV60NM	Solar	60.0	32,677	\$815
(54)	50894	PIERCLEANERS-02879PV35NM	Solar	34.8	19,026	\$448
(55)	66005	SHANIX-02920PV46NM	Solar	46.0	48,989	\$1,218
(56)	66076	HORSESHOEFARM-02891PV46NM	Solar	45.6	42,757	\$1,269
(57)	66096	CHURCHCOMMHOUSING_02878PV43NM	Solar	43.2	5,746	\$105
(58)	66105	CHOICECOLLISION-02885PM98NM	Solar	98.0	44,039	\$1,061
(59)	66108	STOFRI353-02903PV58NM	Solar	57.6	1,651	\$35
(60)	66168	CHARIHOREGSCHL_02894PV36NM	Solar	36.0	11,935	\$194

Asset Tag	Generating Facility	Fuel Type	Nameplate Capacity	2019		
				Total Kwh	Total Dollars	
(61)	66170	KBSURFACESLLC_02876PV216NM	Solar	216.0	110,761	\$2,688
(62)	66199	CHEPACHETPROF_02814PV46NM	Solar	45.6	100,960	\$2,299
(63)	66241	JAMESTOWNFOOD-02835SOLAR56NM	Solar	56.0	20,100	\$404
(64)	66259	BCPSTOR-02921PV120NM	Solar	120.0	250,061	\$5,455
(65)	66284	310COMPASSCIRCLE02852-1(MW)NM	Solar	1,000.0	1,741,317	\$45,364
(66)	67297	INDIANRUN_02879PV225NM	Solar	225.0	422,698	\$9,603
(67)	67412	PEACEDALEMILLS02879SOLAR216NM	Solar	216.0	1,058,643	\$23,053
(68)	67431	SOUTHERNSKY02886SOLAR4992NM	Solar	4,992.0	7,999,871	\$220,474
(69)	67432	KEARSARGE02879SOLAR3780NM	Solar	3,780.0	5,879,572	\$164,533
(70)	67438	SOUTHERNSKY02904SOLAR2100NM	Solar	2,100.0	3,439,924	\$93,199
(71)	67439	FINLAYEXTRACT02852SOLAR133.2NM	Solar	133.2	9,823	\$200
(72)	67446	STATEOFRI02920SOLAR84NM	Solar	84.0	497,321	\$10,181
(73)	67447	KEARSARGE02892SOLAR3100NM	Solar	3,100.0	5,041,551	\$144,484
(74)	67478	LAURELLNREC02892SOLAR106.4NM	Solar	106.4	109,874	\$3,137
(75)	67499	STATEOFRI328_01752SOLAR43.2NM	Solar	43.2	364,068	\$7,839
(76)	67536	SOUTHERNSKY_01607PV780NM	Solar	780.0	1,098,935	\$30,739
(77)	67550	D&PLIQUORS02808SOLAR40NM	Solar	40.0	449,533	\$8,965
(78)	67553	HOUSATONICSLR102919SOLAR3000NM	Solar	3,000.0	4,216,271	\$110,228
(79)	67559	GRANITESTRG02891SOLAR99.9NM	Solar	99.9	178,827	\$4,241
(80)	67564	OCEANSTVET02818SOLAR105.3NM	Solar	105.3	16,653	\$320
(81)	67565	BANKOFNEWPORT02842SOLAR300NM	Solar	300.0	237,039	\$4,938
(82)	67606	NSMITHFIELDSLR02896SLR1250NM	Solar	1,250.0	1,498,158	\$38,074
(83)	67630	BARDEN02857SOLAR27.2NM	Solar	27.2	169,354	\$3,826
(84)	67654	HERRESHOFF02809SOLAR43.2NM	Solar	43.2	647,697	\$14,153
(85)	67684	SOUTHERNSKY1_02919SOLAR1200NM	Solar	1,620.0	1,569,256	\$37,965
(86)	67685	SOUTHRNSKY2_02919SOLAR1620NM	Solar	1,200.0	2,610,031	\$62,974
(87)	67689	GREENDVLPMT02865SOLAR3000NM	Solar	3,000.0	2,922,525	\$73,497
(88)	67717	SOUTHCOUNTY02892SOLAR66.6NM	Solar	66.6	464,699	\$9,615
(89)	67793	RICHMONDSLRI_02894SOLAR4005NM	Solar	4,005.0	3,032,622	\$80,397
(90)	67804	ARKLAND02860SOLAR30NM	Solar	30.0	16,148	\$395
(91)	68182	JERRYSPAIN02882SOLAR26.88NM	Solar	26.9	7,498	\$192
(92)	68184	WALMARTEAST02852SOLAR360NM	Solar	360.0	2	\$0
(93)	68189	BAYCOAST02878SOLAR26.4NM	Solar	26.4	5,733	\$137
(94)	68191	HERRICK&WHITE02864SOLAR187NM	Solar	187.0	42,050	\$823
(95)	68214	RALCOLND02895SOLAR120NM	Solar	120.0	45,797	\$1,100
(96)	68270	BAKEFORDPROP02852SOLAR30	Solar	30.0	14,477	\$367
(97)	68309	CAPTONAPART02919SOLAR2010NM	Solar	2,010.0	1,003,423	\$24,967
(98)	68313	ISMSOLARDEV02839SOLAR2540NM	Solar	2,540.0	1,027,908	\$24,083
(99)	68333	JHDAVISLLC02860SOLARNM37.8	Solar	250.0	571	\$10
(100)	68361	WALMART02888SOLAR360NM	Solar	360.0	4,832	\$124
(101)	68397	STEDMAN02879SOLAR30NM	Solar	30.0	3,353	\$130
(102)	68471	AUTOZONE02907SOLAR45NM	Solar	45.0	576	\$16
(103)	68481	REDWOOD02864SOLAR57.6NM	Solar	57.6	164	\$4
(104)	68568	GREENDEVELOP02898SOLAR1250NM	Solar	1,250.0	1,756	\$36
(105)			Subtotal		113,860,187	\$3,113,460
(106)			Adjustment		4,524,973	\$150,605
(107)			Total		118,385,160	\$3,264,065

PUC 1-5

Request:

Please provide the nameplate capacity and estimated generation from the fleet of facilities that did not contribute to ISO energy sales described in Data Request 1-4.

Response:

Please refer to Attachment PUC 1-5 for the list of facilities that did not contribute to ISO energy sales described in Data Request PUC 1-4. These projects all have assets set up at the ISO, but did not have any hourly export during calendar year 2019, and therefore no energy (kWh) was reported. The Company has no knowledge as to whether they are operating properly, or are generating less energy than in the past, or if the site load has increased resulting in no export to the ISO asset. The attachment, using generic capacity factors, provides an estimate of the average amount of electricity each facility could generate.

	Asset Tag	Generating Facility	Fuel Type	Nameplate Capacity	Estimated Generation (kWh)
(1)	17023	NE ENGRS MIDDLETOWN RI WIND QF	Wind	100.0	183960
(2)	37721	ROYAL MILLS WARWICK RI HYDRO	Hydro	3,000.0	14454000
(3)	43256	SANDYWOODS-02878WT275NM	Wind	233.1	428811
(4)	48758	CEDEV.MEETINGST-02905PV75NM	Solar	75.0	105777
(5)	48817	TARGET#T2430-02886PV112NM	Solar	112.0	157960.32
(6)	50088	RICANNONBLDG-02904PV40NM	Solar	40.0	56414.4
(7)	67919	STATEOFRI2809SOLAR50NM	Solar	50.0	70518
(8)	68414	UNITEDWATER02840SOLAR120NM	Solar	120.0	169243.2
(9)	68455	FEDHILLHSE02909SOLAR50NM	Solar	50.0	70518
(10)	68537	HAVANA02886SOLAR33.6NM	Solar	33.6	47388.096
(11)	68566	GREENDEVELOP02817SOLAR1750NM	Solar	1,750.0	2468130

PUC 1-6

Request:

Referencing PUC 2-8 in Docket 4930, please provide a table listing the net metering credit value and the excess generation credit value that National Grid used in calculating the Total Renewable Generation Credits for the following rate classes dating back to 2008: A-16, C-06, G-02, and G-32.

Response:

Please see Attachment PUC 1-6 for an update to the table provided in Attachment PUC 2-8 in Docket 4930. The table has been updated to include all net metering credit values through calendar year 2019.

Also, in the course of updating this table, the Company identified that the values in column (a), "Excess Generation Credit / SOS Rate" included the Renewable Energy Standard (RES) Charge. Renewable Generation Credits do not include the RES Charge. Therefore, this charge has been removed from column (a) for all customer rate classes and for all applicable months where it was included.

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	Excess Generation Credit / SOS Rate	Distribution Rate	Transmission Rate	Transition Rate	Total Renewable Generation Credit
	(a)	(b)	(c)	(d)	(e) = sum of (a) through (d)
Jan-2008	\$0.09200	\$0.03377	\$0.00977	\$0.00322	\$0.13876
Feb-2008	\$0.09200	\$0.03377	\$0.00977	\$0.00322	\$0.13876
Mar-2008	\$0.09200	\$0.03377	\$0.00977	\$0.00322	\$0.13876
Apr-2008	\$0.09200	\$0.03377	\$0.00977	\$0.00322	\$0.13876
May-2008	\$0.09200	\$0.03377	\$0.00977	\$0.00322	\$0.13876
Jun-2008	\$0.09200	\$0.03377	\$0.00977	\$0.00322	\$0.13876
Jul-2008	\$0.12400	\$0.03377	\$0.00977	\$0.00322	\$0.17076
Aug-2008	\$0.12400	\$0.03377	\$0.00977	\$0.00322	\$0.17076
Sep-2008	\$0.12400	\$0.03377	\$0.00977	\$0.00322	\$0.17076
Oct-2008	\$0.12400	\$0.03377	\$0.00977	\$0.00322	\$0.17076
Nov-2008	\$0.12400	\$0.03377	\$0.00977	\$0.00322	\$0.17076
Dec-2008	\$0.12400	\$0.03377	\$0.00977	\$0.00322	\$0.17076
Jan-2009	\$0.09200	\$0.03376	\$0.01500	\$0.00235	\$0.14311
Feb-2009	\$0.09200	\$0.03376	\$0.01500	\$0.00235	\$0.14311
Mar-2009	\$0.09200	\$0.03376	\$0.01500	\$0.00235	\$0.14311
Apr-2009	\$0.09200	\$0.03376	\$0.01500	\$0.00235	\$0.14311
May-2009	\$0.09200	\$0.03376	\$0.01500	\$0.00235	\$0.14311
Jun-2009	\$0.09200	\$0.03376	\$0.01500	\$0.00235	\$0.14311
Jul-2009	\$0.09200	\$0.03376	\$0.01500	\$0.00235	\$0.14311
Aug-2009	\$0.09200	\$0.03376	\$0.01500	\$0.00235	\$0.14311
Sep-2009	\$0.09200	\$0.03376	\$0.01500	\$0.00235	\$0.14311
Oct-2009	\$0.09200	\$0.03376	\$0.01500	\$0.00235	\$0.14311
Nov-2009	\$0.09200	\$0.03376	\$0.01500	\$0.00235	\$0.14311
Dec-2009	\$0.09200	\$0.03376	\$0.01500	\$0.00235	\$0.14311
Jan-2010	\$0.09200	\$0.03376	\$0.01500	\$0.00350	\$0.14426
Feb-2010	\$0.09200	\$0.03376	\$0.01500	\$0.00350	\$0.14426
Mar-2010	\$0.09562	\$0.03535	\$0.01569	\$0.00068	\$0.14734
Apr-2010	\$0.09532	\$0.03535	\$0.01569	\$0.00068	\$0.14704
May-2010	\$0.09532	\$0.03535	\$0.01569	\$0.00068	\$0.14704
Jun-2010	\$0.09532	\$0.03521	\$0.01569	\$0.00068	\$0.14690
Jul-2010	\$0.09532	\$0.03521	\$0.01569	\$0.00068	\$0.14690
Aug-2010	\$0.09532	\$0.03521	\$0.01569	\$0.00068	\$0.14690
Sep-2010	\$0.09532	\$0.03521	\$0.01569	\$0.00068	\$0.14690
Oct-2010	\$0.09366	\$0.03521	\$0.01569	\$0.00068	\$0.14524
Nov-2010	\$0.09366	\$0.03521	\$0.01569	\$0.00068	\$0.14524
Dec-2010	\$0.09366	\$0.03521	\$0.01569	\$0.00068	\$0.14524
Jan-2011	\$0.09170	\$0.03521	\$0.01569	\$0.00068	\$0.14328
Feb-2011	\$0.09170	\$0.03521	\$0.01569	\$0.00068	\$0.14328
Mar-2011	\$0.09532	\$0.03521	\$0.01569	\$0.00068	\$0.14690
Apr-2011	\$0.06933	\$0.03516	\$0.01623	(\$0.00031)	\$0.12041
May-2011	\$0.06933	\$0.03516	\$0.01623	(\$0.00031)	\$0.12041
Jun-2011	\$0.06933	\$0.03516	\$0.01623	(\$0.00031)	\$0.12041
Jul-2011	\$0.06933	\$0.03516	\$0.01623	(\$0.00031)	\$0.12041
Aug-2011	\$0.06933	\$0.03516	\$0.01623	(\$0.00031)	\$0.12041
Sep-2011	\$0.06933	\$0.03516	\$0.01623	(\$0.00031)	\$0.12041
Oct-2011	\$0.06933	\$0.03516	\$0.01623	(\$0.00031)	\$0.12041
Nov-2011	\$0.06933	\$0.03516	\$0.01623	(\$0.00031)	\$0.12041
Dec-2011	\$0.06933	\$0.03516	\$0.01623	(\$0.00031)	\$0.12041
Jan-2012	\$0.07589	\$0.03516	\$0.01623	(\$0.00031)	\$0.12697
Feb-2012	\$0.07589	\$0.03516	\$0.01623	(\$0.00031)	\$0.12697
Mar-2012	\$0.07589	\$0.03516	\$0.01623	(\$0.00031)	\$0.12697
Apr-2012	\$0.07913	\$0.03585	\$0.01942	\$0.00063	\$0.13503
May-2012	\$0.07629	\$0.03638	\$0.01942	\$0.00063	\$0.13272
Jun-2012	\$0.07629	\$0.03638	\$0.01942	\$0.00063	\$0.13272
Jul-2012	\$0.06674	\$0.03617	\$0.01942	\$0.00063	\$0.12296
Aug-2012	\$0.06674	\$0.03617	\$0.01942	\$0.00063	\$0.12296
Sep-2012	\$0.06674	\$0.03617	\$0.01942	\$0.00063	\$0.12296
Oct-2012	\$0.06674	\$0.03619	\$0.01942	\$0.00063	\$0.12298
Nov-2012	\$0.06674	\$0.03619	\$0.01942	\$0.00063	\$0.12298
Dec-2012	\$0.06674	\$0.03619	\$0.01942	\$0.00063	\$0.12298
Jan-2013	\$0.06935	\$0.03619	\$0.01942	\$0.00063	\$0.12559
Feb-2013	\$0.06935	\$0.03811	\$0.01942	\$0.00063	\$0.12751
Mar-2013	\$0.06935	\$0.03811	\$0.01942	\$0.00063	\$0.12751
Apr-2013	\$0.07074	\$0.03842	\$0.02036	\$0.00162	\$0.13114
May-2013	\$0.06815	\$0.03842	\$0.02036	\$0.00162	\$0.12855
Jun-2013	\$0.06815	\$0.03842	\$0.02036	\$0.00162	\$0.12855
Jul-2013	\$0.06567	\$0.03812	\$0.02036	\$0.00162	\$0.12577
Aug-2013	\$0.06567	\$0.03812	\$0.02036	\$0.00162	\$0.12577
Sep-2013	\$0.06567	\$0.03812	\$0.02036	\$0.00162	\$0.12577
Oct-2013	\$0.06567	\$0.03797	\$0.02036	\$0.00162	\$0.12562
Nov-2013	\$0.06567	\$0.03797	\$0.02036	\$0.00162	\$0.12562
Dec-2013	\$0.06567	\$0.03797	\$0.02036	\$0.00162	\$0.12562
Jan-2014	\$0.08372	\$0.03797	\$0.02036	\$0.00162	\$0.14367
Feb-2014	\$0.08372	\$0.03797	\$0.02036	\$0.00162	\$0.14367
Mar-2014	\$0.08372	\$0.03797	\$0.02036	\$0.00162	\$0.14367
Apr-2014	\$0.08649	\$0.03791	\$0.02221	\$0.00096	\$0.14757

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	Excess Generation Credit / SOS Rate	Distribution Rate	Transmission Rate	Transition Rate	Total Renewable Generation Credit
	(a)	(b)	(c)	(d)	(e) = sum of (a) through (d)
May-2014	\$0.08681	\$0.03791	\$0.02221	\$0.00096	\$0.14789
Jun-2014	\$0.08681	\$0.03791	\$0.02221	\$0.00096	\$0.14789
Jul-2014	\$0.07879	\$0.03834	\$0.02221	\$0.00096	\$0.14030
Aug-2014	\$0.07879	\$0.03834	\$0.02221	\$0.00096	\$0.14030
Sep-2014	\$0.07879	\$0.03834	\$0.02221	\$0.00096	\$0.14030
Oct-2014	\$0.07879	\$0.03821	\$0.02221	\$0.00096	\$0.14017
Nov-2014	\$0.07879	\$0.03821	\$0.02221	\$0.00096	\$0.14017
Dec-2014	\$0.07879	\$0.03821	\$0.02221	\$0.00096	\$0.14017
Jan-2015	\$0.10248	\$0.03821	\$0.02221	\$0.00096	\$0.16386
Feb-2015	\$0.10248	\$0.03821	\$0.02221	\$0.00096	\$0.16386
Mar-2015	\$0.10248	\$0.03821	\$0.02221	\$0.00096	\$0.16386
Apr-2015	\$0.09925	\$0.03973	\$0.02348	(\$0.00201)	\$0.16045
May-2015	\$0.10111	\$0.03973	\$0.02348	(\$0.00201)	\$0.16231
Jun-2015	\$0.10111	\$0.03973	\$0.02348	(\$0.00201)	\$0.16231
Jul-2015	\$0.10111	\$0.04065	\$0.02348	(\$0.00201)	\$0.16323
Aug-2015	\$0.10111	\$0.04065	\$0.02348	(\$0.00201)	\$0.16323
Sep-2015	\$0.10111	\$0.04065	\$0.02348	(\$0.00201)	\$0.16323
Oct-2015	\$0.10111	\$0.04091	\$0.02348	(\$0.00201)	\$0.16349
Nov-2015	\$0.10111	\$0.04164	\$0.02348	(\$0.00201)	\$0.16422
Dec-2015	\$0.10111	\$0.04164	\$0.02348	(\$0.00201)	\$0.16422
Jan-2016	\$0.08607	\$0.04164	\$0.02348	(\$0.00201)	\$0.14918
Feb-2016	\$0.08607	\$0.04164	\$0.02348	(\$0.00201)	\$0.14918
Mar-2016	\$0.08607	\$0.04164	\$0.02348	(\$0.00201)	\$0.14918
Apr-2016	\$0.08385	\$0.04289	\$0.02705	(\$0.00058)	\$0.15321
May-2016	\$0.08391	\$0.04289	\$0.02705	(\$0.00058)	\$0.15327
Jun-2016	\$0.08391	\$0.04289	\$0.02705	(\$0.00058)	\$0.15327
Jul-2016	\$0.08391	\$0.04283	\$0.02705	(\$0.00058)	\$0.15321
Aug-2016	\$0.08391	\$0.04283	\$0.02705	(\$0.00058)	\$0.15321
Sep-2016	\$0.08391	\$0.04283	\$0.02705	(\$0.00058)	\$0.15321
Oct-2016	\$0.07891	\$0.04278	\$0.02705	(\$0.00058)	\$0.14816
Nov-2016	\$0.07891	\$0.04278	\$0.02705	(\$0.00058)	\$0.14816
Dec-2016	\$0.07891	\$0.04278	\$0.02705	(\$0.00058)	\$0.14816
Jan-2017	\$0.07891	\$0.04278	\$0.02705	(\$0.00058)	\$0.14816
Feb-2017	\$0.07891	\$0.04278	\$0.02705	(\$0.00058)	\$0.14816
Mar-2017	\$0.07891	\$0.04278	\$0.02705	(\$0.00058)	\$0.14816
Apr-2017	\$0.05940	\$0.04268	\$0.03179	\$0.00057	\$0.13444
May-2017	\$0.06188	\$0.04268	\$0.03179	\$0.00057	\$0.13692
Jun-2017	\$0.06188	\$0.04268	\$0.03179	\$0.00057	\$0.13692
Jul-2017	\$0.06188	\$0.04589	\$0.03179	\$0.00057	\$0.14013
Aug-2017	\$0.06188	\$0.04589	\$0.03179	\$0.00057	\$0.14013
Sep-2017	\$0.06188	\$0.04589	\$0.03179	\$0.00057	\$0.14013
Oct-2017	\$0.09475	\$0.04300	\$0.03179	\$0.00057	\$0.17011
Nov-2017	\$0.09475	\$0.04300	\$0.03179	\$0.00057	\$0.17011
Dec-2017	\$0.09475	\$0.04300	\$0.03179	\$0.00057	\$0.17011
Jan-2018	\$0.09475	\$0.04300	\$0.03179	\$0.00057	\$0.17011
Feb-2018	\$0.09475	\$0.04300	\$0.03179	\$0.00057	\$0.17011
Mar-2018	\$0.09475	\$0.04300	\$0.03179	\$0.00057	\$0.17011
Apr-2018	\$0.08446	\$0.04379	\$0.03271	(\$0.00087)	\$0.16009
May-2018	\$0.08482	\$0.04379	\$0.03271	(\$0.00087)	\$0.16045
Jun-2018	\$0.08482	\$0.04379	\$0.03271	(\$0.00087)	\$0.16045
Jul-2018	\$0.08482	\$0.04447	\$0.03271	(\$0.00087)	\$0.16113
Aug-2018	\$0.08482	\$0.04447	\$0.03271	(\$0.00087)	\$0.16113
Sep-2018	\$0.08487	\$0.04878	\$0.03273	(\$0.00087)	\$0.16551
Oct-2018	\$0.10986	\$0.05019	\$0.03273	(\$0.00087)	\$0.19191
Nov-2018	\$0.10986	\$0.05019	\$0.03273	(\$0.00087)	\$0.19191
Dec-2018	\$0.10986	\$0.05019	\$0.03273	(\$0.00087)	\$0.19191
Jan-2019	\$0.10986	\$0.05019	\$0.03273	(\$0.00087)	\$0.19191
Feb-2019	\$0.10986	\$0.05019	\$0.03273	(\$0.00087)	\$0.19191
Mar-2019	\$0.10986	\$0.05019	\$0.03273	(\$0.00087)	\$0.19191
Apr-2019	\$0.09177	\$0.05164	\$0.02854	(\$0.00114)	\$0.17081
May-2019	\$0.09177	\$0.05164	\$0.02854	(\$0.00114)	\$0.17081
Jun-2019	\$0.09177	\$0.05164	\$0.02854	(\$0.00114)	\$0.17081
Jul-2019	\$0.09177	\$0.04927	\$0.02854	(\$0.00114)	\$0.16844
Aug-2019	\$0.09177	\$0.04927	\$0.02854	(\$0.00114)	\$0.16844
Sep-2019	\$0.09177	\$0.05125	\$0.02854	(\$0.00114)	\$0.17042
Oct-2019	\$0.10894	\$0.05263	\$0.02854	(\$0.00114)	\$0.18897
Nov-2019	\$0.10894	\$0.05263	\$0.02854	(\$0.00114)	\$0.18897
Dec-2019	\$0.10894	\$0.05263	\$0.02854	(\$0.00114)	\$0.18897

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	Excess Generation Credit / SOS Rate	Distribution Rate	Distribution Rate	Distribution Rate	Transmission Rate	Transition Rate	Total Renewable Generation Credit	Total Renewable Generation Credit	Total Renewable Generation Credit
		First 400 kWh	Next 750 kWh	Excess of 1200 kWh			First 400 kWh	Next 750 kWh	Excess of 1200 kWh
	(a)	(b)	(c)	(d)	(e)	(f)	(g) = (a) + (b) + (e) + (f)	(f) = (a) + (c) + (e) + (f)	(g) = (a) + (d) + (e) + (f)
Jan-2008	\$0.09200	\$0.00382	\$0.03055	\$0.02548	\$0.00879	\$0.00322	\$0.10783	\$0.13456	\$0.12949
Feb-2008	\$0.09200	\$0.00382	\$0.03055	\$0.02548	\$0.00879	\$0.00322	\$0.10783	\$0.13456	\$0.12949
Mar-2008	\$0.09200	\$0.00382	\$0.03055	\$0.02548	\$0.00879	\$0.00322	\$0.10783	\$0.13456	\$0.12949
Apr-2008	\$0.09200	\$0.00382	\$0.03055	\$0.03055	\$0.00879	\$0.00322	\$0.10783	\$0.13456	\$0.13456
May-2008	\$0.09200	\$0.00382	\$0.03055	\$0.03055	\$0.00879	\$0.00322	\$0.10783	\$0.13456	\$0.13456
Jun-2008	\$0.09200	\$0.00382	\$0.03055	\$0.03055	\$0.00879	\$0.00322	\$0.10783	\$0.13456	\$0.13456
Jul-2008	\$0.12484	\$0.00382	\$0.03055	\$0.03055	\$0.00879	\$0.00322	\$0.14067	\$0.16740	\$0.16740
Aug-2008	\$0.12484	\$0.00382	\$0.03055	\$0.03055	\$0.00879	\$0.00322	\$0.14067	\$0.16740	\$0.16740
Sep-2008	\$0.12484	\$0.00382	\$0.03055	\$0.03055	\$0.00879	\$0.00322	\$0.14067	\$0.16740	\$0.16740
Oct-2008	\$0.12484	\$0.00382	\$0.03055	\$0.03055	\$0.00879	\$0.00322	\$0.14067	\$0.16740	\$0.16740
Nov-2008	\$0.12484	\$0.00382	\$0.03055	\$0.03055	\$0.00879	\$0.00322	\$0.14067	\$0.16740	\$0.16740
Dec-2008	\$0.12484	\$0.00382	\$0.03055	\$0.02548	\$0.00879	\$0.00322	\$0.14067	\$0.16740	\$0.16233
Jan-2009	\$0.09293	\$0.00382	\$0.03055	\$0.02548	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13478
Feb-2009	\$0.09293	\$0.00382	\$0.03055	\$0.02548	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13478
Mar-2009	\$0.09293	\$0.00382	\$0.03055	\$0.02548	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13478
Apr-2009	\$0.09293	\$0.00382	\$0.03055	\$0.03055	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13985
May-2009	\$0.09293	\$0.00382	\$0.03055	\$0.03055	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13985
Jun-2009	\$0.09293	\$0.00382	\$0.03055	\$0.03055	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13985
Jul-2009	\$0.09293	\$0.00382	\$0.03055	\$0.03055	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13985
Aug-2009	\$0.09293	\$0.00382	\$0.03055	\$0.03055	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13985
Sep-2009	\$0.09293	\$0.00382	\$0.03055	\$0.03055	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13985
Oct-2009	\$0.09293	\$0.00382	\$0.03055	\$0.03055	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13985
Nov-2009	\$0.09293	\$0.00382	\$0.03055	\$0.03055	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13985
Dec-2009	\$0.09293	\$0.00382	\$0.03055	\$0.02548	\$0.01402	\$0.00235	\$0.11312	\$0.13985	\$0.13478
Jan-2010	\$0.09200	\$0.00382	\$0.03055	\$0.02548	\$0.01402	\$0.00235	\$0.11219	\$0.13892	\$0.13385
Feb-2010	\$0.09200	\$0.00382	\$0.03055	\$0.02548	\$0.01402	\$0.00235	\$0.11219	\$0.13892	\$0.13385
Mar-2010	\$0.09562	\$0.01701	n/a	n/a	\$0.01569	\$0.00068	\$0.12900	\$0.12900	\$0.12900
Apr-2010	\$0.09532	\$0.01701	n/a	n/a	\$0.01569	\$0.00068	\$0.12870	\$0.12870	\$0.12870
May-2010	\$0.09532	\$0.01701	n/a	n/a	\$0.01569	\$0.00068	\$0.12870	\$0.12870	\$0.12870
Jun-2010	\$0.09532	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12858	\$0.12858	\$0.12858
Jul-2010	\$0.09532	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12858	\$0.12858	\$0.12858
Aug-2010	\$0.09532	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12858	\$0.12858	\$0.12858
Sep-2010	\$0.09532	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12858	\$0.12858	\$0.12858
Oct-2010	\$0.09366	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12692	\$0.12692	\$0.12692
Nov-2010	\$0.09366	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12692	\$0.12692	\$0.12692
Dec-2010	\$0.09366	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12692	\$0.12692	\$0.12692
Jan-2011	\$0.09170	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12496	\$0.12496	\$0.12496
Feb-2011	\$0.09170	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12496	\$0.12496	\$0.12496
Mar-2011	\$0.09532	\$0.01689	n/a	n/a	\$0.01569	\$0.00068	\$0.12858	\$0.12858	\$0.12858
Apr-2011	\$0.06933	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10673	\$0.10673	\$0.10673
May-2011	\$0.06933	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10673	\$0.10673	\$0.10673
Jun-2011	\$0.06933	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10673	\$0.10673	\$0.10673
Jul-2011	\$0.06933	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10673	\$0.10673	\$0.10673
Aug-2011	\$0.06933	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10673	\$0.10673	\$0.10673
Sep-2011	\$0.06933	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10673	\$0.10673	\$0.10673
Oct-2011	\$0.06933	\$0.01995	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10520	\$0.10520	\$0.10520
Nov-2011	\$0.06933	\$0.01995	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10520	\$0.10520	\$0.10520
Dec-2011	\$0.06933	\$0.01995	n/a	n/a	\$0.01623	(\$0.00031)	\$0.10520	\$0.10520	\$0.10520
Jan-2012	\$0.07589	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.11329	\$0.11329	\$0.11329
Feb-2012	\$0.07589	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.11329	\$0.11329	\$0.11329
Mar-2012	\$0.07589	\$0.02148	n/a	n/a	\$0.01623	(\$0.00031)	\$0.11329	\$0.11329	\$0.11329
Apr-2012	\$0.07913	\$0.02217	n/a	n/a	\$0.01942	\$0.00063	\$0.12135	\$0.12135	\$0.12135
May-2012	\$0.07629	\$0.02270	n/a	n/a	\$0.01942	\$0.00063	\$0.11904	\$0.11904	\$0.11904
Jun-2012	\$0.07629	\$0.02270	n/a	n/a	\$0.01942	\$0.00063	\$0.11904	\$0.11904	\$0.11904
Jul-2012	\$0.06674	\$0.02249	n/a	n/a	\$0.01942	\$0.00063	\$0.10928	\$0.10928	\$0.10928
Aug-2012	\$0.06674	\$0.02249	n/a	n/a	\$0.01942	\$0.00063	\$0.10928	\$0.10928	\$0.10928
Sep-2012	\$0.06674	\$0.02249	n/a	n/a	\$0.01942	\$0.00063	\$0.10928	\$0.10928	\$0.10928
Oct-2012	\$0.06674	\$0.02251	n/a	n/a	\$0.01942	\$0.00063	\$0.10930	\$0.10930	\$0.10930
Nov-2012	\$0.06674	\$0.02251	n/a	n/a	\$0.01942	\$0.00063	\$0.10930	\$0.10930	\$0.10930
Dec-2012	\$0.06674	\$0.02251	n/a	n/a	\$0.01942	\$0.00063	\$0.10930	\$0.10930	\$0.10930
Jan-2013	\$0.06935	\$0.02251	n/a	n/a	\$0.01942	\$0.00063	\$0.11191	\$0.11191	\$0.11191
Feb-2013	\$0.06935	\$0.02464	n/a	n/a	\$0.01942	\$0.00063	\$0.11404	\$0.11404	\$0.11404
Mar-2013	\$0.06935	\$0.02464	n/a	n/a	\$0.01942	\$0.00063	\$0.11404	\$0.11404	\$0.11404
Apr-2013	\$0.07074	\$0.02495	n/a	n/a	\$0.02036	\$0.00162	\$0.11767	\$0.11767	\$0.11767
May-2013	\$0.06815	\$0.02495	n/a	n/a	\$0.02036	\$0.00162	\$0.11508	\$0.11508	\$0.11508
Jun-2013	\$0.06815	\$0.02495	n/a	n/a	\$0.02036	\$0.00162	\$0.11508	\$0.11508	\$0.11508
Jul-2013	\$0.06567	\$0.02465	n/a	n/a	\$0.02036	\$0.00162	\$0.11230	\$0.11230	\$0.11230
Aug-2013	\$0.06567	\$0.02465	n/a	n/a	\$0.02036	\$0.00162	\$0.11230	\$0.11230	\$0.11230
Sep-2013	\$0.06567	\$0.02465	n/a	n/a	\$0.02036	\$0.00162	\$0.11230	\$0.11230	\$0.11230
Oct-2013	\$0.06567	\$0.02450	n/a	n/a	\$0.02036	\$0.00162	\$0.11215	\$0.11215	\$0.11215
Nov-2013	\$0.06567	\$0.02450	n/a	n/a	\$0.02036	\$0.00162	\$0.11215	\$0.11215	\$0.11215
Dec-2013	\$0.06567	\$0.02450	n/a	n/a	\$0.02036	\$0.00162	\$0.11215	\$0.11215	\$0.11215
Jan-2014	\$0.08372	\$0.02450	n/a	n/a	\$0.02036	\$0.00162	\$0.13020	\$0.13020	\$0.13020
Feb-2014	\$0.08372	\$0.02450	n/a	n/a	\$0.02036	\$0.00162	\$0.13020	\$0.13020	\$0.13020
Mar-2014	\$0.08372	\$0.02450	n/a	n/a	\$0.02036	\$0.00162	\$0.13020	\$0.13020	\$0.13020
Apr-2014	\$0.08649	\$0.02444	n/a	n/a	\$0.02221	\$0.00096	\$0.13410	\$0.13410	\$0.13410

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	Excess Generation Credit / SOS Rate	Distribution Rate			Transmission Rate	Transition Rate	Total Renewable Generation Credit		
		First 400 kWh	Next 750 kWh	Excess of 1200 kWh			First 400 kWh	Next 750 kWh	Excess of 1200 kWh
	(a)	(b)	(c)	(d)	(e)	(f)	(g) = (a) + (b) + (e) + (f)	(f) = (a) + (c) + (e) + (f)	(g) = (a) + (d) + (e) + (f)
May-2014	\$0.08681	\$0.02444	n/a	n/a	\$0.02221	\$0.00096	\$0.13442	\$0.13442	\$0.13442
Jun-2014	\$0.08681	\$0.02444	n/a	n/a	\$0.02221	\$0.00096	\$0.13442	\$0.13442	\$0.13442
Jul-2014	\$0.07879	\$0.02487	n/a	n/a	\$0.02221	\$0.00096	\$0.12683	\$0.12683	\$0.12683
Aug-2014	\$0.07879	\$0.02487	n/a	n/a	\$0.02221	\$0.00096	\$0.12683	\$0.12683	\$0.12683
Sep-2014	\$0.07879	\$0.02487	n/a	n/a	\$0.02221	\$0.00096	\$0.12683	\$0.12683	\$0.12683
Oct-2014	\$0.07879	\$0.02474	n/a	n/a	\$0.02221	\$0.00096	\$0.12670	\$0.12670	\$0.12670
Nov-2014	\$0.07879	\$0.02474	n/a	n/a	\$0.02221	\$0.00096	\$0.12670	\$0.12670	\$0.12670
Dec-2014	\$0.07879	\$0.02474	n/a	n/a	\$0.02221	\$0.00096	\$0.12670	\$0.12670	\$0.12670
Jan-2015	\$0.10248	\$0.02474	n/a	n/a	\$0.02221	\$0.00096	\$0.15039	\$0.15039	\$0.15039
Feb-2015	\$0.10248	\$0.02474	n/a	n/a	\$0.02221	\$0.00096	\$0.15039	\$0.15039	\$0.15039
Mar-2015	\$0.10248	\$0.02474	n/a	n/a	\$0.02221	\$0.00096	\$0.15039	\$0.15039	\$0.15039
Apr-2015	\$0.09925	\$0.02626	n/a	n/a	\$0.02348	(\$0.00201)	\$0.14698	\$0.14698	\$0.14698
May-2015	\$0.10111	\$0.02626	n/a	n/a	\$0.02348	(\$0.00201)	\$0.14884	\$0.14884	\$0.14884
Jun-2015	\$0.10111	\$0.02626	n/a	n/a	\$0.02348	(\$0.00201)	\$0.14884	\$0.14884	\$0.14884
Jul-2015	\$0.10111	\$0.02718	n/a	n/a	\$0.02348	(\$0.00201)	\$0.14976	\$0.14976	\$0.14976
Aug-2015	\$0.10111	\$0.02718	n/a	n/a	\$0.02348	(\$0.00201)	\$0.14976	\$0.14976	\$0.14976
Sep-2015	\$0.10111	\$0.02718	n/a	n/a	\$0.02348	(\$0.00201)	\$0.14976	\$0.14976	\$0.14976
Oct-2015	\$0.10111	\$0.02744	n/a	n/a	\$0.02348	(\$0.00201)	\$0.15002	\$0.15002	\$0.15002
Nov-2015	\$0.10111	\$0.02817	n/a	n/a	\$0.02348	(\$0.00201)	\$0.15075	\$0.15075	\$0.15075
Dec-2015	\$0.10111	\$0.02817	n/a	n/a	\$0.02348	(\$0.00201)	\$0.15075	\$0.15075	\$0.15075
Jan-2016	\$0.08607	\$0.02817	n/a	n/a	\$0.02348	(\$0.00201)	\$0.13571	\$0.13571	\$0.13571
Feb-2016	\$0.08607	\$0.02817	n/a	n/a	\$0.02348	(\$0.00201)	\$0.13571	\$0.13571	\$0.13571
Mar-2016	\$0.08607	\$0.02817	n/a	n/a	\$0.02348	(\$0.00201)	\$0.13571	\$0.13571	\$0.13571
Apr-2016	\$0.08385	\$0.02942	n/a	n/a	\$0.02705	(\$0.00058)	\$0.13974	\$0.13974	\$0.13974
May-2016	\$0.08391	\$0.02942	n/a	n/a	\$0.02705	(\$0.00058)	\$0.13980	\$0.13980	\$0.13980
Jun-2016	\$0.08391	\$0.02942	n/a	n/a	\$0.02705	(\$0.00058)	\$0.13980	\$0.13980	\$0.13980
Jul-2016	\$0.08391	\$0.02936	n/a	n/a	\$0.02705	(\$0.00058)	\$0.13974	\$0.13974	\$0.13974
Aug-2016	\$0.08391	\$0.02936	n/a	n/a	\$0.02705	(\$0.00058)	\$0.13974	\$0.13974	\$0.13974
Sep-2016	\$0.08391	\$0.02936	n/a	n/a	\$0.02705	(\$0.00058)	\$0.13974	\$0.13974	\$0.13974
Oct-2016	\$0.07891	\$0.02931	n/a	n/a	\$0.02705	(\$0.00058)	\$0.13469	\$0.13469	\$0.13469
Nov-2016	\$0.07891	\$0.02931	n/a	n/a	\$0.02705	(\$0.00058)	\$0.13469	\$0.13469	\$0.13469
Dec-2016	\$0.07891	\$0.02931	n/a	n/a	\$0.02705	(\$0.00058)	\$0.13469	\$0.13469	\$0.13469
Jan-2017	\$0.07891	\$0.02931	n/a	n/a	\$0.02705	(\$0.00058)	\$0.13469	\$0.13469	\$0.13469
Feb-2017	\$0.07891	\$0.02931	n/a	n/a	\$0.02705	(\$0.00058)	\$0.13469	\$0.13469	\$0.13469
Mar-2017	\$0.07891	\$0.02931	n/a	n/a	\$0.02705	(\$0.00058)	\$0.13469	\$0.13469	\$0.13469
Apr-2017	\$0.05940	\$0.02921	n/a	n/a	\$0.03179	\$0.00057	\$0.12097	\$0.12097	\$0.12097
May-2017	\$0.06188	\$0.02921	n/a	n/a	\$0.03179	\$0.00057	\$0.12345	\$0.12345	\$0.12345
Jun-2017	\$0.06188	\$0.02921	n/a	n/a	\$0.03179	\$0.00057	\$0.12345	\$0.12345	\$0.12345
Jul-2017	\$0.06188	\$0.03242	n/a	n/a	\$0.03179	\$0.00057	\$0.12666	\$0.12666	\$0.12666
Aug-2017	\$0.06188	\$0.03242	n/a	n/a	\$0.03179	\$0.00057	\$0.12666	\$0.12666	\$0.12666
Sep-2017	\$0.06188	\$0.03242	n/a	n/a	\$0.03179	\$0.00057	\$0.12666	\$0.12666	\$0.12666
Oct-2017	\$0.09475	\$0.02953	n/a	n/a	\$0.03179	\$0.00057	\$0.15664	\$0.15664	\$0.15664
Nov-2017	\$0.09475	\$0.02953	n/a	n/a	\$0.03179	\$0.00057	\$0.15664	\$0.15664	\$0.15664
Dec-2017	\$0.09475	\$0.02953	n/a	n/a	\$0.03179	\$0.00057	\$0.15664	\$0.15664	\$0.15664
Jan-2018	\$0.09475	\$0.02953	n/a	n/a	\$0.03179	\$0.00057	\$0.15664	\$0.15664	\$0.15664
Feb-2018	\$0.09475	\$0.02953	n/a	n/a	\$0.03179	\$0.00057	\$0.15664	\$0.15664	\$0.15664
Mar-2018	\$0.09475	\$0.02953	n/a	n/a	\$0.03179	\$0.00057	\$0.15664	\$0.15664	\$0.15664
Apr-2018	\$0.08446	\$0.03032	n/a	n/a	\$0.03271	(\$0.00087)	\$0.14662	\$0.14662	\$0.14662
May-2018	\$0.08482	\$0.03032	n/a	n/a	\$0.03271	(\$0.00087)	\$0.14698	\$0.14698	\$0.14698
Jun-2018	\$0.08482	\$0.03032	n/a	n/a	\$0.03271	(\$0.00087)	\$0.14698	\$0.14698	\$0.14698
Jul-2018	\$0.08482	\$0.03100	n/a	n/a	\$0.03271	(\$0.00087)	\$0.14766	\$0.14766	\$0.14766
Aug-2018	\$0.08482	\$0.03100	n/a	n/a	\$0.03271	(\$0.00087)	\$0.14766	\$0.14766	\$0.14766
Sep-2018	\$0.08487	\$0.04726	n/a	n/a	\$0.03273	(\$0.00087)	\$0.16399	\$0.16399	\$0.16399
Oct-2018	\$0.10986	\$0.04867	n/a	n/a	\$0.03273	(\$0.00087)	\$0.19039	\$0.19039	\$0.19039
Nov-2018	\$0.10986	\$0.04867	n/a	n/a	\$0.03273	(\$0.00087)	\$0.19039	\$0.19039	\$0.19039
Dec-2018	\$0.10986	\$0.04867	n/a	n/a	\$0.03273	(\$0.00087)	\$0.19039	\$0.19039	\$0.19039
Jan-2019	\$0.10986	\$0.04867	n/a	n/a	\$0.03273	(\$0.00087)	\$0.19039	\$0.19039	\$0.19039
Feb-2019	\$0.10986	\$0.04867	n/a	n/a	\$0.03273	(\$0.00087)	\$0.19039	\$0.19039	\$0.19039
Mar-2019	\$0.10986	\$0.04867	n/a	n/a	\$0.03273	(\$0.00087)	\$0.19039	\$0.19039	\$0.19039
Apr-2019	\$0.09177	\$0.05012	n/a	n/a	\$0.02854	(\$0.00114)	\$0.16929	\$0.16929	\$0.16929
May-2019	\$0.09177	\$0.05012	n/a	n/a	\$0.02854	(\$0.00114)	\$0.16929	\$0.16929	\$0.16929
Jun-2019	\$0.09177	\$0.05012	n/a	n/a	\$0.02854	(\$0.00114)	\$0.16929	\$0.16929	\$0.16929
Jul-2019	\$0.09177	\$0.04775	n/a	n/a	\$0.02854	(\$0.00114)	\$0.16692	\$0.16692	\$0.16692
Aug-2019	\$0.09177	\$0.04775	n/a	n/a	\$0.02854	(\$0.00114)	\$0.16692	\$0.16692	\$0.16692
Sep-2019	\$0.09177	\$0.04973	n/a	n/a	\$0.02854	(\$0.00114)	\$0.16890	\$0.16890	\$0.16890
Oct-2019	\$0.10894	\$0.05111	n/a	n/a	\$0.02854	(\$0.00114)	\$0.18745	\$0.18745	\$0.18745
Nov-2019	\$0.10894	\$0.05111	n/a	n/a	\$0.02854	(\$0.00114)	\$0.18745	\$0.18745	\$0.18745
Dec-2019	\$0.10894	\$0.05111	n/a	n/a	\$0.02854	(\$0.00114)	\$0.18745	\$0.18745	\$0.18745

	C-06				G-02					
	Excess Generation Credit / SOS Rate	Distribution Rate	Transmission Rate	Transition Rate	Total Renewable Generation Credit	Excess Generation Credit / SOS Rate	Distribution Rate	Transmission Rate	Transition Rate	Total Renewable Generation Credit
	(a)	(b)	(c)	(d)	(e) = sum of (a) through (d)	(a)	(b)	(c)	(d)	(e) = sum of (a) through (d)
Jan-2008	\$0.09200	\$0.03634	\$0.01077	\$0.00322	\$0.14233	\$0.09284	\$0.00777	\$0.00541	\$0.00322	\$0.10924
Feb-2008	\$0.09200	\$0.03634	\$0.01077	\$0.00322	\$0.14233	\$0.09284	\$0.00777	\$0.00541	\$0.00322	\$0.10924
Mar-2008	\$0.09200	\$0.03634	\$0.01077	\$0.00322	\$0.14233	\$0.09284	\$0.00777	\$0.00541	\$0.00322	\$0.10924
Apr-2008	\$0.09200	\$0.03634	\$0.01077	\$0.00322	\$0.14233	\$0.09284	\$0.00777	\$0.00541	\$0.00322	\$0.10924
May-2008	\$0.09200	\$0.03634	\$0.01077	\$0.00322	\$0.14233	\$0.09284	\$0.00777	\$0.00541	\$0.00322	\$0.10924
Jun-2008	\$0.09200	\$0.03634	\$0.01077	\$0.00322	\$0.14233	\$0.09284	\$0.00777	\$0.00541	\$0.00322	\$0.10924
Jul-2008	\$0.12400	\$0.03634	\$0.01077	\$0.00322	\$0.17433	\$0.12484	\$0.00777	\$0.00541	\$0.00322	\$0.14124
Aug-2008	\$0.12400	\$0.03634	\$0.01077	\$0.00322	\$0.17433	\$0.12484	\$0.00777	\$0.00541	\$0.00322	\$0.14124
Sep-2008	\$0.12400	\$0.03634	\$0.01077	\$0.00322	\$0.17433	\$0.12484	\$0.00777	\$0.00541	\$0.00322	\$0.14124
Oct-2008	\$0.12400	\$0.03634	\$0.01077	\$0.00322	\$0.17433	\$0.12484	\$0.00777	\$0.00541	\$0.00322	\$0.14124
Nov-2008	\$0.12400	\$0.03634	\$0.01077	\$0.00322	\$0.17433	\$0.12484	\$0.00777	\$0.00541	\$0.00322	\$0.14124
Dec-2008	\$0.12400	\$0.03634	\$0.01077	\$0.00322	\$0.17433	\$0.12484	\$0.00777	\$0.00541	\$0.00322	\$0.14124
Jan-2009	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Feb-2009	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Mar-2009	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Apr-2009	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
May-2009	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Jun-2009	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Jul-2009	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Aug-2009	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Sep-2009	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Oct-2009	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Nov-2009	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Dec-2009	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.09293	\$0.00777	\$0.01064	\$0.00235	\$0.11369
Jan-2010	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.07984	\$0.00777	\$0.01064	\$0.00235	\$0.10060
Feb-2010	\$0.09200	\$0.03624	\$0.01600	\$0.00235	\$0.14659	\$0.08231	\$0.00777	\$0.01064	\$0.00235	\$0.10307
Mar-2010	\$0.09562	\$0.03350	\$0.01579	\$0.00068	\$0.14529	\$0.08467	\$0.00778	\$0.00671	\$0.00068	\$0.09984
Apr-2010	\$0.09532	\$0.03350	\$0.01579	\$0.00068	\$0.14529	\$0.08062	\$0.00778	\$0.00671	\$0.00068	\$0.09579
May-2010	\$0.09532	\$0.03350	\$0.01579	\$0.00068	\$0.14529	\$0.07919	\$0.00778	\$0.00671	\$0.00068	\$0.09436
Jun-2010	\$0.09532	\$0.03316	\$0.01579	\$0.00068	\$0.14495	\$0.07873	\$0.00771	\$0.00671	\$0.00068	\$0.09383
Jul-2010	\$0.09532	\$0.03316	\$0.01579	\$0.00068	\$0.14495	\$0.07142	\$0.00771	\$0.00671	\$0.00068	\$0.08652
Aug-2010	\$0.09532	\$0.03316	\$0.01579	\$0.00068	\$0.14495	\$0.07495	\$0.00771	\$0.00671	\$0.00068	\$0.09005
Sep-2010	\$0.09532	\$0.03316	\$0.01579	\$0.00068	\$0.14495	\$0.06953	\$0.00771	\$0.00671	\$0.00068	\$0.08463
Oct-2010	\$0.09366	\$0.03316	\$0.01579	\$0.00068	\$0.14329	\$0.07024	\$0.00771	\$0.00671	\$0.00068	\$0.08534
Nov-2010	\$0.09366	\$0.03316	\$0.01579	\$0.00068	\$0.14329	\$0.07271	\$0.00771	\$0.00671	\$0.00068	\$0.08781
Dec-2010	\$0.09366	\$0.03316	\$0.01579	\$0.00068	\$0.14329	\$0.07694	\$0.00771	\$0.00671	\$0.00068	\$0.09204
Jan-2011	\$0.09170	\$0.03316	\$0.01579	\$0.00068	\$0.14133	\$0.07347	\$0.00771	\$0.00671	\$0.00068	\$0.08857
Feb-2011	\$0.09170	\$0.03316	\$0.01579	\$0.00068	\$0.14133	\$0.07212	\$0.00771	\$0.00671	\$0.00068	\$0.08722
Mar-2011	\$0.09532	\$0.03316	\$0.01579	\$0.00068	\$0.14495	\$0.06370	\$0.00771	\$0.00671	\$0.00068	\$0.07880
Apr-2011	\$0.07175	\$0.03366	\$0.01755	(\$0.00031)	\$0.12265	\$0.07144	\$0.00744	\$0.00825	(\$0.00031)	\$0.08682
May-2011	\$0.07011	\$0.03366	\$0.01755	(\$0.00031)	\$0.12101	\$0.06980	\$0.00744	\$0.00825	(\$0.00031)	\$0.08518
Jun-2011	\$0.06731	\$0.03366	\$0.01755	(\$0.00031)	\$0.11821	\$0.06700	\$0.00744	\$0.00825	(\$0.00031)	\$0.08238
Jul-2011	\$0.07120	\$0.03366	\$0.01755	(\$0.00031)	\$0.12210	\$0.07089	\$0.00744	\$0.00825	(\$0.00031)	\$0.08627
Aug-2011	\$0.07174	\$0.03366	\$0.01755	(\$0.00031)	\$0.12264	\$0.07143	\$0.00744	\$0.00825	(\$0.00031)	\$0.08681
Sep-2011	\$0.06788	\$0.03366	\$0.01755	(\$0.00031)	\$0.11878	\$0.06757	\$0.00744	\$0.00825	(\$0.00031)	\$0.08295
Oct-2011	\$0.06909	\$0.03366	\$0.01755	(\$0.00031)	\$0.11999	\$0.06878	\$0.00744	\$0.00825	(\$0.00031)	\$0.08416
Nov-2011	\$0.07009	\$0.03366	\$0.01755	(\$0.00031)	\$0.12099	\$0.06978	\$0.00744	\$0.00825	(\$0.00031)	\$0.08516
Dec-2011	\$0.07343	\$0.03366	\$0.01755	(\$0.00031)	\$0.12433	\$0.07312	\$0.00744	\$0.00825	(\$0.00031)	\$0.08850
Jan-2012	\$0.08704	\$0.03366	\$0.01755	(\$0.00031)	\$0.13794	\$0.08673	\$0.00744	\$0.00825	(\$0.00031)	\$0.10211
Feb-2012	\$0.08434	\$0.03366	\$0.01755	(\$0.00031)	\$0.13524	\$0.08403	\$0.00744	\$0.00825	(\$0.00031)	\$0.09941
Mar-2012	\$0.07022	\$0.03366	\$0.01755	(\$0.00031)	\$0.12112	\$0.06991	\$0.00744	\$0.00825	(\$0.00031)	\$0.08529
Apr-2012	\$0.07226	\$0.03430	\$0.01838	\$0.00063	\$0.12557	\$0.07195	\$0.00765	\$0.00835	\$0.00063	\$0.08858
May-2012	\$0.06856	\$0.03483	\$0.01838	\$0.00063	\$0.12240	\$0.07109	\$0.00765	\$0.00835	\$0.00063	\$0.08772
Jun-2012	\$0.06716	\$0.03483	\$0.01838	\$0.00063	\$0.12100	\$0.06969	\$0.00765	\$0.00835	\$0.00063	\$0.08632
Jul-2012	\$0.05993	\$0.03462	\$0.01838	\$0.00063	\$0.11356	\$0.06246	\$0.00744	\$0.00835	\$0.00063	\$0.07888
Aug-2012	\$0.05959	\$0.03462	\$0.01838	\$0.00063	\$0.11322	\$0.06212	\$0.00744	\$0.00835	\$0.00063	\$0.07854
Sep-2012	\$0.05590	\$0.03462	\$0.01838	\$0.00063	\$0.10953	\$0.05843	\$0.00744	\$0.00835	\$0.00063	\$0.07485
Oct-2012	\$0.05646	\$0.03464	\$0.01838	\$0.00063	\$0.11011	\$0.05899	\$0.00743	\$0.00835	\$0.00063	\$0.07540
Nov-2012	\$0.05866	\$0.03464	\$0.01838	\$0.00063	\$0.11231	\$0.06119	\$0.00743	\$0.00835	\$0.00063	\$0.07760
Dec-2012	\$0.06846	\$0.03464	\$0.01838	\$0.00063	\$0.12211	\$0.07099	\$0.00743	\$0.00835	\$0.00063	\$0.08740
Jan-2013	\$0.08582	\$0.03464	\$0.01838	\$0.00063	\$0.13947	\$0.08835	\$0.00743	\$0.00835	\$0.00063	\$0.10476
Feb-2013	\$0.08149	\$0.03407	\$0.01838	\$0.00063	\$0.13457	\$0.08402	\$0.00588	\$0.00835	\$0.00063	\$0.09888
Mar-2013	\$0.06373	\$0.03407	\$0.01838	\$0.00063	\$0.11681	\$0.06626	\$0.00588	\$0.00835	\$0.00063	\$0.08112
Apr-2013	\$0.06201	\$0.03454	\$0.02204	\$0.00162	\$0.12021	\$0.06201	\$0.00599	\$0.00716	\$0.00162	\$0.07678
May-2013	\$0.05551	\$0.03454	\$0.02204	\$0.00162	\$0.11371	\$0.05551	\$0.00599	\$0.00716	\$0.00162	\$0.07028
Jun-2013	\$0.05783	\$0.03454	\$0.02204	\$0.00162	\$0.11603	\$0.05783	\$0.00599	\$0.00716	\$0.00162	\$0.07260
Jul-2013	\$0.06984	\$0.03424	\$0.02204	\$0.00162	\$0.12774	\$0.06984	\$0.00569	\$0.00716	\$0.00162	\$0.08431
Aug-2013	\$0.06793	\$0.03424	\$0.02204	\$0.00162	\$0.12583	\$0.06793	\$0.00569	\$0.00716	\$0.00162	\$0.08240
Sep-2013	\$0.06102	\$0.03424	\$0.02204	\$0.00162	\$0.11892	\$0.06102	\$0.00569	\$0.00716	\$0.00162	\$0.07549
Oct-2013	\$0.06314	\$0.03411	\$0.02204	\$0.00162	\$0.12091	\$0.06314	\$0.00561	\$0.00716	\$0.00162	\$0.07753
Nov-2013	\$0.06956	\$0.03411	\$0.02204	\$0.00162	\$0.12733	\$0.06956	\$0.00561	\$0.00716	\$0.00162	\$0.08395
Dec-2013	\$0.08672	\$0.03411	\$0.02204	\$0.00162	\$0.14449	\$0.08672	\$0.00561	\$0.00716	\$0.00162	\$0.10111
Jan-2014	\$0.12188	\$0.03411	\$0.02204	\$0.00162	\$0.17965	\$0.12188	\$0.00561	\$0.00716	\$0.00162	\$0.13627
Feb-2014	\$0.12062	\$0.03411	\$0.02204	\$0.00162	\$0.17839	\$0.12062	\$0.00561	\$0.00716	\$0.00162	\$0.13501
Mar-2014	\$0.07831	\$0.03411	\$0.02204	\$0.00162	\$0.13608	\$0.07831	\$0.00561	\$0.00716	\$0.00162	\$0.09270
Apr-2014	\$0.06645	\$0.03400	\$0.02003	\$0.00096	\$0.12144	\$0.06645	\$0.00542	\$0.00768	\$0.00096	\$0.08051

	C-06					G-02				
	Excess Generation Credit / SOS Rate	Distribution Rate	Transmission Rate	Transition Rate	Total Renewable Generation Credit	Excess Generation Credit / SOS Rate	Distribution Rate	Transmission Rate	Transition Rate	Total Renewable Generation Credit
	(a)	(b)	(c)	(d)	(e) = sum of (a) through (d)	(a)	(b)	(c)	(d)	(e) = sum of (a) through (d)
May-2014	\$0.06219	\$0.03400	\$0.02003	\$0.00096	\$0.11718	\$0.06219	\$0.00542	\$0.00768	\$0.00096	\$0.07625
Jun-2014	\$0.06723	\$0.03400	\$0.02003	\$0.00096	\$0.12222	\$0.06723	\$0.00542	\$0.00768	\$0.00096	\$0.08129
Jul-2014	\$0.08526	\$0.03443	\$0.02003	\$0.00096	\$0.14068	\$0.08526	\$0.00585	\$0.00768	\$0.00096	\$0.09975
Aug-2014	\$0.08129	\$0.03443	\$0.02003	\$0.00096	\$0.13671	\$0.08129	\$0.00585	\$0.00768	\$0.00096	\$0.09578
Sep-2014	\$0.07049	\$0.03443	\$0.02003	\$0.00096	\$0.12591	\$0.07049	\$0.00585	\$0.00768	\$0.00096	\$0.08498
Oct-2014	\$0.07085	\$0.03428	\$0.02003	\$0.00096	\$0.12612	\$0.07085	\$0.00574	\$0.00768	\$0.00096	\$0.08523
Nov-2014	\$0.09329	\$0.03428	\$0.02003	\$0.00096	\$0.14856	\$0.09329	\$0.00574	\$0.00768	\$0.00096	\$0.10767
Dec-2014	\$0.13134	\$0.03428	\$0.02003	\$0.00096	\$0.18661	\$0.13134	\$0.00574	\$0.00768	\$0.00096	\$0.14572
Jan-2015	\$0.18366	\$0.03428	\$0.02003	\$0.00096	\$0.23893	\$0.18366	\$0.00574	\$0.00768	\$0.00096	\$0.19804
Feb-2015	\$0.17881	\$0.03428	\$0.02003	\$0.00096	\$0.23408	\$0.17881	\$0.00574	\$0.00768	\$0.00096	\$0.19319
Mar-2015	\$0.11233	\$0.03428	\$0.02003	\$0.00096	\$0.16760	\$0.11233	\$0.00574	\$0.00768	\$0.00096	\$0.12671
Apr-2015	\$0.07033	\$0.03576	\$0.02072	(\$0.00201)	\$0.12480	\$0.07033	\$0.00595	\$0.00894	(\$0.00201)	\$0.08321
May-2015	\$0.06049	\$0.03576	\$0.02072	(\$0.00201)	\$0.11496	\$0.06049	\$0.00595	\$0.00894	(\$0.00201)	\$0.07337
Jun-2015	\$0.07308	\$0.03576	\$0.02072	(\$0.00201)	\$0.12755	\$0.07308	\$0.00595	\$0.00894	(\$0.00201)	\$0.08596
Jul-2015	\$0.07972	\$0.03668	\$0.02072	(\$0.00201)	\$0.13511	\$0.07972	\$0.00687	\$0.00894	(\$0.00201)	\$0.09352
Aug-2015	\$0.07582	\$0.03668	\$0.02072	(\$0.00201)	\$0.13121	\$0.07582	\$0.00687	\$0.00894	(\$0.00201)	\$0.08962
Sep-2015	\$0.06936	\$0.03668	\$0.02072	(\$0.00201)	\$0.12475	\$0.06936	\$0.00687	\$0.00894	(\$0.00201)	\$0.08316
Oct-2015	\$0.07092	\$0.03694	\$0.02072	(\$0.00201)	\$0.12657	\$0.07092	\$0.00707	\$0.00894	(\$0.00201)	\$0.08492
Nov-2015	\$0.09254	\$0.03763	\$0.02072	(\$0.00201)	\$0.14888	\$0.09254	\$0.00765	\$0.00894	(\$0.00201)	\$0.10712
Dec-2015	\$0.13830	\$0.03763	\$0.02072	(\$0.00201)	\$0.19464	\$0.13830	\$0.00765	\$0.00894	(\$0.00201)	\$0.15288
Jan-2016	\$0.13520	\$0.03763	\$0.02072	(\$0.00201)	\$0.19154	\$0.13520	\$0.00765	\$0.00894	(\$0.00201)	\$0.14978
Feb-2016	\$0.13206	\$0.03763	\$0.02072	(\$0.00201)	\$0.18840	\$0.13206	\$0.00765	\$0.00894	(\$0.00201)	\$0.14664
Mar-2016	\$0.09447	\$0.03763	\$0.02072	(\$0.00201)	\$0.15081	\$0.09447	\$0.00765	\$0.00894	(\$0.00201)	\$0.10905
Apr-2016	\$0.06924	\$0.03861	\$0.02566	(\$0.00058)	\$0.13293	\$0.06924	\$0.00734	\$0.01068	(\$0.00058)	\$0.08668
May-2016	\$0.05950	\$0.03861	\$0.02566	(\$0.00058)	\$0.12319	\$0.05950	\$0.00734	\$0.01068	(\$0.00058)	\$0.07694
Jun-2016	\$0.06266	\$0.03861	\$0.02566	(\$0.00058)	\$0.12635	\$0.06266	\$0.00734	\$0.01068	(\$0.00058)	\$0.08010
Jul-2016	\$0.06296	\$0.03855	\$0.02566	(\$0.00058)	\$0.12659	\$0.06296	\$0.00728	\$0.01068	(\$0.00058)	\$0.08034
Aug-2016	\$0.05877	\$0.03855	\$0.02566	(\$0.00058)	\$0.12240	\$0.05877	\$0.00728	\$0.01068	(\$0.00058)	\$0.07615
Sep-2016	\$0.05540	\$0.03855	\$0.02566	(\$0.00058)	\$0.11903	\$0.05540	\$0.00728	\$0.01068	(\$0.00058)	\$0.07278
Oct-2016	\$0.05710	\$0.03852	\$0.02566	(\$0.00058)	\$0.12070	\$0.05710	\$0.00733	\$0.01068	(\$0.00058)	\$0.07453
Nov-2016	\$0.06415	\$0.03852	\$0.02566	(\$0.00058)	\$0.12775	\$0.06415	\$0.00733	\$0.01068	(\$0.00058)	\$0.08158
Dec-2016	\$0.07999	\$0.03852	\$0.02566	(\$0.00058)	\$0.14359	\$0.07999	\$0.00733	\$0.01068	(\$0.00058)	\$0.09742
Jan-2017	\$0.10434	\$0.03852	\$0.02566	(\$0.00058)	\$0.16794	\$0.10434	\$0.00733	\$0.01068	(\$0.00058)	\$0.12177
Feb-2017	\$0.10195	\$0.03852	\$0.02566	(\$0.00058)	\$0.16555	\$0.10195	\$0.00733	\$0.01068	(\$0.00058)	\$0.11938
Mar-2017	\$0.07722	\$0.03852	\$0.02566	(\$0.00058)	\$0.14082	\$0.07722	\$0.00733	\$0.01068	(\$0.00058)	\$0.09465
Apr-2017	\$0.04810	\$0.03842	\$0.02838	\$0.00057	\$0.11547	\$0.04810	\$0.00738	\$0.01096	\$0.00057	\$0.06701
May-2017	\$0.04472	\$0.03842	\$0.02838	\$0.00057	\$0.11209	\$0.04472	\$0.00738	\$0.01096	\$0.00057	\$0.06363
Jun-2017	\$0.06600	\$0.03842	\$0.02838	\$0.00057	\$0.13337	\$0.06600	\$0.00738	\$0.01096	\$0.00057	\$0.08491
Jul-2017	\$0.06870	\$0.04163	\$0.02838	\$0.00057	\$0.13928	\$0.06870	\$0.01059	\$0.01096	\$0.00057	\$0.09082
Aug-2017	\$0.06815	\$0.04163	\$0.02838	\$0.00057	\$0.13873	\$0.06815	\$0.01059	\$0.01096	\$0.00057	\$0.09027
Sep-2017	\$0.06421	\$0.04163	\$0.02838	\$0.00057	\$0.13479	\$0.06421	\$0.01059	\$0.01096	\$0.00057	\$0.08633
Oct-2017	\$0.06929	\$0.03892	\$0.02838	\$0.00057	\$0.13716	\$0.06929	\$0.00812	\$0.01096	\$0.00057	\$0.08894
Nov-2017	\$0.07762	\$0.03892	\$0.02838	\$0.00057	\$0.14549	\$0.07762	\$0.00812	\$0.01096	\$0.00057	\$0.09727
Dec-2017	\$0.09161	\$0.03892	\$0.02838	\$0.00057	\$0.15948	\$0.09161	\$0.00812	\$0.01096	\$0.00057	\$0.11126
Jan-2018	\$0.11487	\$0.03892	\$0.02838	\$0.00057	\$0.18274	\$0.11487	\$0.00812	\$0.01096	\$0.00057	\$0.13452
Feb-2018	\$0.11545	\$0.03892	\$0.02838	\$0.00057	\$0.18332	\$0.11545	\$0.00812	\$0.01096	\$0.00057	\$0.13510
Mar-2018	\$0.08787	\$0.03892	\$0.02838	\$0.00057	\$0.15574	\$0.08787	\$0.00812	\$0.01096	\$0.00057	\$0.10752
Apr-2018	\$0.07802	\$0.03952	\$0.02726	(\$0.00087)	\$0.14393	\$0.07802	\$0.00818	\$0.01028	(\$0.00087)	\$0.09561
May-2018	\$0.07297	\$0.03952	\$0.02726	(\$0.00087)	\$0.13888	\$0.07297	\$0.00818	\$0.01028	(\$0.00087)	\$0.09056
Jun-2018	\$0.08446	\$0.03952	\$0.02726	(\$0.00087)	\$0.15037	\$0.08446	\$0.00818	\$0.01028	(\$0.00087)	\$0.10205
Jul-2018	\$0.08510	\$0.04020	\$0.02726	(\$0.00087)	\$0.15169	\$0.08510	\$0.00886	\$0.01028	(\$0.00087)	\$0.10337
Aug-2018	\$0.08413	\$0.04020	\$0.02726	(\$0.00087)	\$0.15072	\$0.08413	\$0.00886	\$0.01028	(\$0.00087)	\$0.10240
Sep-2018	\$0.08453	\$0.04804	\$0.02728	(\$0.00087)	\$0.15898	\$0.08453	\$0.00979	\$0.01030	(\$0.00087)	\$0.10375
Oct-2018	\$0.09628	\$0.04932	\$0.02728	(\$0.00087)	\$0.17201	\$0.09628	\$0.01109	\$0.01030	(\$0.00087)	\$0.11680
Nov-2018	\$0.10030	\$0.04932	\$0.02728	(\$0.00087)	\$0.17603	\$0.10030	\$0.01109	\$0.01030	(\$0.00087)	\$0.12082
Dec-2018	\$0.11813	\$0.04932	\$0.02728	(\$0.00087)	\$0.19386	\$0.11813	\$0.01109	\$0.01030	(\$0.00087)	\$0.13865
Jan-2019	\$0.14008	\$0.04932	\$0.02728	(\$0.00087)	\$0.21581	\$0.14008	\$0.01109	\$0.01030	(\$0.00087)	\$0.16060
Feb-2019	\$0.14492	\$0.04932	\$0.02728	(\$0.00087)	\$0.22065	\$0.14492	\$0.01109	\$0.01030	(\$0.00087)	\$0.16544
Mar-2019	\$0.11073	\$0.04932	\$0.02728	(\$0.00087)	\$0.18646	\$0.11073	\$0.01109	\$0.01030	(\$0.00087)	\$0.13125
Apr-2019	\$0.10694	\$0.05066	\$0.02497	(\$0.00114)	\$0.18143	\$0.10694	\$0.01137	\$0.00702	(\$0.00114)	\$0.12419
May-2019	\$0.09822	\$0.05066	\$0.02497	(\$0.00114)	\$0.17271	\$0.09822	\$0.01137	\$0.00702	(\$0.00114)	\$0.11547
Jun-2019	\$0.07247	\$0.05066	\$0.02497	(\$0.00114)	\$0.14696	\$0.07247	\$0.01137	\$0.00702	(\$0.00114)	\$0.08972
Jul-2019	\$0.07482	\$0.04829	\$0.02497	(\$0.00114)	\$0.14694	\$0.07482	\$0.00900	\$0.00702	(\$0.00114)	\$0.08970
Aug-2019	\$0.07279	\$0.04829	\$0.02497	(\$0.00114)	\$0.14491	\$0.07279	\$0.00900	\$0.00702	(\$0.00114)	\$0.08767
Sep-2019	\$0.07330	\$0.05022	\$0.02497	(\$0.00114)	\$0.14735	\$0.07330	\$0.00956	\$0.00702	(\$0.00114)	\$0.08874
Oct-2019	\$0.07551	\$0.05160	\$0.02497	(\$0.00114)	\$0.15094	\$0.07551	\$0.01055	\$0.00702	(\$0.00114)	\$0.09194
Nov-2019	\$0.08339	\$0.05160	\$0.02497	(\$0.00114)	\$0.15882	\$0.08339	\$0.01055	\$0.00702	(\$0.00114)	\$0.09982
Dec-2019	\$0.10401	\$0.05160	\$0.02497	(\$0.00114)	\$0.17944	\$0.10401	\$0.01055	\$0.00702	(\$0.00114)	\$0.12044

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	Excess Generation Credit / SOS Rate	Distribution Rate	Transmission Rate	Transition Rate	Total Renewable Generation Credit
	(a)	(b)	(c)	(d)	(e) = sum of (a) through (d)
Jan-2008	\$0.09200	\$0.00889	\$0.00541	\$0.00322	\$0.10952
Feb-2008	\$0.09200	\$0.00889	\$0.00541	\$0.00322	\$0.10952
Mar-2008	\$0.09200	\$0.00889	\$0.00541	\$0.00322	\$0.10952
Apr-2008	\$0.09200	\$0.00889	\$0.00541	\$0.00322	\$0.10952
May-2008	\$0.09200	\$0.00889	\$0.00541	\$0.00322	\$0.10952
Jun-2008	\$0.09200	\$0.00889	\$0.00541	\$0.00322	\$0.10952
Jul-2008	\$0.12400	\$0.00889	\$0.00541	\$0.00322	\$0.14152
Aug-2008	\$0.12400	\$0.00889	\$0.00541	\$0.00322	\$0.14152
Sep-2008	\$0.12400	\$0.00889	\$0.00541	\$0.00322	\$0.14152
Oct-2008	\$0.12400	\$0.00889	\$0.00541	\$0.00322	\$0.14152
Nov-2008	\$0.12400	\$0.00889	\$0.00541	\$0.00322	\$0.14152
Dec-2008	\$0.12400	\$0.00889	\$0.00541	\$0.00322	\$0.14152
Jan-2009	\$0.09200	\$0.00889	\$0.01064	\$0.00235	\$0.11388
Feb-2009	\$0.09200	\$0.00889	\$0.01064	\$0.00235	\$0.11388
Mar-2009	\$0.09200	\$0.00889	\$0.01064	\$0.00235	\$0.11388
Apr-2009	\$0.09200	\$0.00889	\$0.01064	\$0.00235	\$0.11388
May-2009	\$0.09200	\$0.00889	\$0.01064	\$0.00235	\$0.11388
Jun-2009	\$0.09200	\$0.00889	\$0.01064	\$0.00235	\$0.11388
Jul-2009	\$0.09200	\$0.00889	\$0.01064	\$0.00235	\$0.11388
Aug-2009	\$0.09200	\$0.00889	\$0.01064	\$0.00235	\$0.11388
Sep-2009	\$0.09200	\$0.00889	\$0.01064	\$0.00235	\$0.11388
Oct-2009	\$0.09200	\$0.00889	\$0.01064	\$0.00235	\$0.11388
Nov-2009	\$0.09200	\$0.00889	\$0.01064	\$0.00235	\$0.11388
Dec-2009	\$0.09200	\$0.00889	\$0.01064	\$0.00235	\$0.11388
Jan-2010	\$0.07891	\$0.00889	\$0.01064	\$0.00235	\$0.10079
Feb-2010	\$0.08138	\$0.00889	\$0.01064	\$0.00235	\$0.10326
Mar-2010	\$0.08374	\$0.00889	\$0.00575	\$0.00068	\$0.09906
Apr-2010	\$0.07939	\$0.00889	\$0.00575	\$0.00068	\$0.09471
May-2010	\$0.07796	\$0.00889	\$0.00575	\$0.00068	\$0.09328
Jun-2010	\$0.07750	\$0.00873	\$0.00575	\$0.00068	\$0.09266
Jul-2010	\$0.07019	\$0.00873	\$0.00575	\$0.00068	\$0.08535
Aug-2010	\$0.07372	\$0.00873	\$0.00575	\$0.00068	\$0.08888
Sep-2010	\$0.06830	\$0.00873	\$0.00575	\$0.00068	\$0.08346
Oct-2010	\$0.06901	\$0.00873	\$0.00575	\$0.00068	\$0.08417
Nov-2010	\$0.07148	\$0.00873	\$0.00575	\$0.00068	\$0.08664
Dec-2010	\$0.07571	\$0.00873	\$0.00575	\$0.00068	\$0.09087
Jan-2011	\$0.07224	\$0.00873	\$0.00575	\$0.00068	\$0.08740
Feb-2011	\$0.07089	\$0.00873	\$0.00575	\$0.00068	\$0.08605
Mar-2011	\$0.06247	\$0.00873	\$0.00575	\$0.00068	\$0.07763
Apr-2011	\$0.06401	\$0.00874	\$0.00678	(\$0.00031)	\$0.07922
May-2011	\$0.06408	\$0.00874	\$0.00678	(\$0.00031)	\$0.07929
Jun-2011	\$0.06281	\$0.00874	\$0.00678	(\$0.00031)	\$0.07802
Jul-2011	\$0.06526	\$0.00874	\$0.00678	(\$0.00031)	\$0.08047
Aug-2011	\$0.06694	\$0.00874	\$0.00678	(\$0.00031)	\$0.08215
Sep-2011	\$0.06749	\$0.00874	\$0.00678	(\$0.00031)	\$0.08270
Oct-2011	\$0.06119	\$0.00874	\$0.00678	(\$0.00031)	\$0.07640
Nov-2011	\$0.06404	\$0.00874	\$0.00678	(\$0.00031)	\$0.07925
Dec-2011	\$0.07634	\$0.00874	\$0.00678	(\$0.00031)	\$0.09155
Jan-2012	\$0.08604	\$0.00883	\$0.00678	(\$0.00031)	\$0.10134
Feb-2012	\$0.07990	\$0.00883	\$0.00678	(\$0.00031)	\$0.09520
Mar-2012	\$0.06340	\$0.00883	\$0.00678	(\$0.00031)	\$0.07870
Apr-2012	\$0.04819	\$0.00898	\$0.00646	\$0.00063	\$0.06426
May-2012	\$0.04477	\$0.00898	\$0.00646	\$0.00063	\$0.06084
Jun-2012	\$0.04088	\$0.00898	\$0.00646	\$0.00063	\$0.05695
Jul-2012	\$0.04446	\$0.00877	\$0.00646	\$0.00063	\$0.06032
Aug-2012	\$0.04447	\$0.00877	\$0.00646	\$0.00063	\$0.06033
Sep-2012	\$0.04507	\$0.00877	\$0.00646	\$0.00063	\$0.06093
Oct-2012	\$0.04598	\$0.00879	\$0.00646	\$0.00063	\$0.06186
Nov-2012	\$0.04748	\$0.00879	\$0.00646	\$0.00063	\$0.06336
Dec-2012	\$0.05799	\$0.00879	\$0.00646	\$0.00063	\$0.07387
Jan-2013	\$0.08662	\$0.00879	\$0.00646	\$0.00063	\$0.10250
Feb-2013	\$0.08082	\$0.00612	\$0.00646	\$0.00063	\$0.09403
Mar-2013	\$0.05955	\$0.00612	\$0.00646	\$0.00063	\$0.07276
Apr-2013	\$0.05511	\$0.00629	\$0.00842	\$0.00162	\$0.07144
May-2013	\$0.04785	\$0.00629	\$0.00842	\$0.00162	\$0.06418
Jun-2013	\$0.05590	\$0.00629	\$0.00842	\$0.00162	\$0.07223
Jul-2013	\$0.06502	\$0.00599	\$0.00842	\$0.00162	\$0.08105
Aug-2013	\$0.06178	\$0.00599	\$0.00842	\$0.00162	\$0.07781
Sep-2013	\$0.05426	\$0.00599	\$0.00842	\$0.00162	\$0.07029
Oct-2013	\$0.04444	\$0.00590	\$0.00842	\$0.00162	\$0.06038
Nov-2013	\$0.05312	\$0.00590	\$0.00842	\$0.00162	\$0.06906
Dec-2013	\$0.08924	\$0.00590	\$0.00842	\$0.00162	\$0.10518
Jan-2014	\$0.11447	\$0.00590	\$0.00842	\$0.00162	\$0.13041
Feb-2014	\$0.11215	\$0.00590	\$0.00842	\$0.00162	\$0.12809
Mar-2014	\$0.06768	\$0.00590	\$0.00842	\$0.00162	\$0.08362
Apr-2014	\$0.07982	\$0.00578	\$0.00774	\$0.00096	\$0.09430

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	Excess Generation Credit / SOS Rate	Distribution Rate	Transmission Rate	Transition Rate	Total Renewable Generation Credit
	(a)	(b)	(c)	(d)	(e) = sum of (a) through (d)
May-2014	\$0.06395	\$0.00578	\$0.00774	\$0.00096	\$0.07843
Jun-2014	\$0.08090	\$0.00578	\$0.00774	\$0.00096	\$0.09538
Jul-2014	\$0.08299	\$0.00621	\$0.00774	\$0.00096	\$0.09790
Aug-2014	\$0.07574	\$0.00621	\$0.00774	\$0.00096	\$0.09065
Sep-2014	\$0.06645	\$0.00621	\$0.00774	\$0.00096	\$0.08136
Oct-2014	\$0.05319	\$0.00614	\$0.00774	\$0.00096	\$0.06803
Nov-2014	\$0.07067	\$0.00614	\$0.00774	\$0.00096	\$0.08551
Dec-2014	\$0.14105	\$0.00614	\$0.00774	\$0.00096	\$0.15589
Jan-2015	\$0.20340	\$0.00614	\$0.00774	\$0.00096	\$0.21824
Feb-2015	\$0.20388	\$0.00614	\$0.00774	\$0.00096	\$0.21872
Mar-2015	\$0.12105	\$0.00614	\$0.00774	\$0.00096	\$0.13589
Apr-2015	\$0.05678	\$0.00626	\$0.00930	(\$0.00201)	\$0.07033
May-2015	\$0.05167	\$0.00626	\$0.00930	(\$0.00201)	\$0.06522
Jun-2015	\$0.05951	\$0.00626	\$0.00930	(\$0.00201)	\$0.07306
Jul-2015	\$0.06832	\$0.00718	\$0.00930	(\$0.00201)	\$0.08279
Aug-2015	\$0.06125	\$0.00718	\$0.00930	(\$0.00201)	\$0.07572
Sep-2015	\$0.05504	\$0.00718	\$0.00930	(\$0.00201)	\$0.06951
Oct-2015	\$0.05656	\$0.00732	\$0.00930	(\$0.00201)	\$0.07117
Nov-2015	\$0.07234	\$0.00759	\$0.00930	(\$0.00201)	\$0.08722
Dec-2015	\$0.10248	\$0.00759	\$0.00930	(\$0.00201)	\$0.11736
Jan-2016	\$0.10905	\$0.00759	\$0.00930	(\$0.00201)	\$0.12393
Feb-2016	\$0.10660	\$0.00759	\$0.00930	(\$0.00201)	\$0.12148
Mar-2016	\$0.08014	\$0.00759	\$0.00930	(\$0.00201)	\$0.09502
Apr-2016	\$0.04724	\$0.00742	\$0.01047	(\$0.00058)	\$0.06455
May-2016	\$0.04180	\$0.00742	\$0.01047	(\$0.00058)	\$0.05911
Jun-2016	\$0.04385	\$0.00742	\$0.01047	(\$0.00058)	\$0.06116
Jul-2016	\$0.04747	\$0.00736	\$0.01047	(\$0.00058)	\$0.06472
Aug-2016	\$0.04443	\$0.00736	\$0.01047	(\$0.00058)	\$0.06168
Sep-2016	\$0.03713	\$0.00736	\$0.01047	(\$0.00058)	\$0.05438
Oct-2016	\$0.03659	\$0.00768	\$0.01047	(\$0.00058)	\$0.05416
Nov-2016	\$0.04338	\$0.00768	\$0.01047	(\$0.00058)	\$0.06095
Dec-2016	\$0.06128	\$0.00768	\$0.01047	(\$0.00058)	\$0.07885
Jan-2017	\$0.08186	\$0.00768	\$0.01047	(\$0.00058)	\$0.09943
Feb-2017	\$0.08057	\$0.00768	\$0.01047	(\$0.00058)	\$0.09814
Mar-2017	\$0.05389	\$0.00768	\$0.01047	(\$0.00058)	\$0.07146
Apr-2017	\$0.04526	\$0.00774	\$0.01123	\$0.00057	\$0.06480
May-2017	\$0.04296	\$0.00774	\$0.01123	\$0.00057	\$0.06250
Jun-2017	\$0.05474	\$0.00774	\$0.01123	\$0.00057	\$0.07428
Jul-2017	\$0.06514	\$0.01095	\$0.01123	\$0.00057	\$0.08789
Aug-2017	\$0.06358	\$0.01095	\$0.01123	\$0.00057	\$0.08633
Sep-2017	\$0.05886	\$0.01095	\$0.01123	\$0.00057	\$0.08161
Oct-2017	\$0.05224	\$0.00900	\$0.01123	\$0.00057	\$0.07304
Nov-2017	\$0.06006	\$0.00900	\$0.01123	\$0.00057	\$0.08086
Dec-2017	\$0.07971	\$0.00900	\$0.01123	\$0.00057	\$0.10051
Jan-2018	\$0.10482	\$0.00900	\$0.01123	\$0.00057	\$0.12562
Feb-2018	\$0.10164	\$0.00900	\$0.01123	\$0.00057	\$0.12244
Mar-2018	\$0.07527	\$0.00900	\$0.01123	\$0.00057	\$0.09607
Apr-2018	\$0.05873	\$0.00904	\$0.01088	(\$0.00087)	\$0.07778
May-2018	\$0.05392	\$0.00904	\$0.01088	(\$0.00087)	\$0.07297
Jun-2018	\$0.06770	\$0.00904	\$0.01088	(\$0.00087)	\$0.08675
Jul-2018	\$0.07362	\$0.00972	\$0.01088	(\$0.00087)	\$0.09335
Aug-2018	\$0.07339	\$0.00972	\$0.01088	(\$0.00087)	\$0.09312
Sep-2018	\$0.06916	\$0.00962	\$0.01216	(\$0.00087)	\$0.09007
Oct-2018	\$0.07736	\$0.01042	\$0.01216	(\$0.00087)	\$0.09907
Nov-2018	\$0.08095	\$0.01042	\$0.01216	(\$0.00087)	\$0.10266
Dec-2018	\$0.10667	\$0.01042	\$0.01216	(\$0.00087)	\$0.12838
Jan-2019	\$0.14915	\$0.01042	\$0.01216	(\$0.00087)	\$0.17086
Feb-2019	\$0.14426	\$0.01042	\$0.01216	(\$0.00087)	\$0.16597
Mar-2019	\$0.10242	\$0.01042	\$0.01216	(\$0.00087)	\$0.12413
Apr-2019	\$0.11367	\$0.01036	\$0.00950	(\$0.00114)	\$0.13239
May-2019	\$0.10076	\$0.01036	\$0.00950	(\$0.00114)	\$0.11948
Jun-2019	\$0.07233	\$0.01036	\$0.00950	(\$0.00114)	\$0.09105
Jul-2019	\$0.07179	\$0.00799	\$0.00950	(\$0.00114)	\$0.08814
Aug-2019	\$0.06670	\$0.00799	\$0.00950	(\$0.00114)	\$0.08305
Sep-2019	\$0.07384	\$0.00832	\$0.00950	(\$0.00114)	\$0.09052
Oct-2019	\$0.07938	\$0.00900	\$0.00950	(\$0.00114)	\$0.09674
Nov-2019	\$0.08264	\$0.00900	\$0.00950	(\$0.00114)	\$0.10000
Dec-2019	\$0.09922	\$0.00900	\$0.00950	(\$0.00114)	\$0.11658

PUC 1-7

Request:

Please update the response to PUC 2-1 in Docket 4930 to include 2019 data.

Response:

Please see Attachment PUC 1-7 which is the update to PUC 2-1 in Docket 4930 and shows the details of the Long Term Contracting costs of \$57.3 million for 2019 that is reflected in Schedule REP-18 Second Revised, Page 4, column (I).

Long-Term Contracting for Renewable Energy Recovery (LTCRER)
Total Costs
For the Period January 2019 through December 2019

(1) Above Market Cost for the period January 2019 through December 2019 (AM)	\$56,842,744
(2) Customer Share of Net Forward Capacity Market Proceeds (NFCMP)	\$55,459
(3) Administrative Costs (ADM)	(\$26,482)
(4) Outperformance Credit	(\$1,789,468)
(5) 2.75% Remuneration	<u>\$2,310,430</u>
(6) Total Costs	\$57,281,764

- (1) per page 4, column (c), Line (34)
- (2) per Schedule REP-18 Second Revised, Page 4, Column (f)
- (3) per page 5, Line (9)
- (4) Included in Schedule REP-18 Second Revised, Page 4, Column (a)
- (5) per Schedule REP-18 Second Revised, Page 4, Column (j)
- (6) Line (1) - Line (2) + Line (3) + Line (5)

**Long-Term Contracting for Renewable Energy Recovery (LTCRER)
Annual Actual Contract Cost
For the Period January 2019 through December 2019**

Annual Contract Cost

Unit	Unit	Commercial	Unit Availability	Actual	Resettlements	Contract Price	Prior Period	Negative LMP	Actual
	Capacity (MW)	Operation Date	Efficiency Factor	Annual Output (MWh)	for Generation prior to CY19	(\$ per MWh)	Contract Price (\$ per MWh)		Annual Contract Cost
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
(1) RI LFG Genco Asset No. 40054	32.100	05/28/13	74%	208,343.4		\$142.40			\$29,667,891
(2) Wind Energy Dev. NK Green LLC Asset No. 42394	1.500	03/01/13	13%	1,678.6		\$133.50			\$224,096
(3) Con Edison Development Plain Mtg House Asset No. 43512	2.000	07/19/13	15%	2,627.5		\$275.00			\$722,569
(4) ACP Land LLC 28 Jacome Way Asset No. 43527	0.500	07/18/13	14%	618.9	187.1	\$316.00	\$316.00		\$254,697
(5) Contram Cable Asset No. 43586	0.499	09/30/13	14%	604.0		\$316.00			\$190,864
(6) CCI New England 500 kW Asset No. 43607	0.498	10/25/13	15%	663.9	0.9	\$316.00	\$316.00		\$210,073
(7) Conanicut Marine Services (CMS) Solar Asset No. 43685	0.128	10/21/13	8%	87.9		\$288.00			\$25,305
(8) Black Bear Orono B Hydro Asset No. 38083	3.958	11/22/13	69%	24,097.1		\$102.48			\$2,469,468
(9) West Davisville Solar Asset No. 43716	2.340	12/06/13	14%	2,914.1		\$236.99			\$690,622
(10) Forbes Street Solar Asset No. 43762	3.710	12/20/13	12%	3,855.5		\$239.00			\$921,453
(11) CCI New England 181 kW Asset No. 43921	0.181	02/27/14	13%	208.9		\$316.00			\$65,999
(12) 100 Dupont Solar Asset No. 44003	1.500	03/25/14	12%	1,527.6		\$209.00			\$319,279
(13) 225 Dupont Solar Asset No. 44004	0.300	03/25/14	13%	344.1		\$316.00			\$108,723
(14) 35 Martin Solar Asset No. 44006	0.500	03/27/14	14%	595.8		\$316.00			\$188,286
(15) 0 Martin Solar Asset No. 44005	0.500	03/27/14	14%	603.2		\$316.00			\$190,609
(16) Gannon & Scott Solar Asset No. 44010	0.406	04/29/14	8%	267.3		\$284.00			\$75,903
(17) All American Foods Solar Asset. No. 46721	0.331	10/24/14	14%	393.3		\$284.00			\$111,706
(18) Brickle Group Solar Project Asset. No. 46911	1.084	12/04/14	14%	1,368.2		\$184.90			\$252,989
(19) T.E.A.M. Inc. Solar Asset. No. 46913	0.182	12/11/14	12%	195.7		\$288.00			\$56,367
(20) Newport Vineyards Solar Asset. No. 46917	0.053	12/15/14	13%	61.0	0.6	\$299.50	\$299.50		\$18,423
(21) SER Solar 23 Appian Way Asset. No. 46926	0.052	12/17/14	12%	54.3		\$277.57			\$15,069
(22) Nexamp 76 Stilson Rd. Asset. No. 47020	0.498	02/28/15	15%	672.3		\$194.88			\$131,019
(23) Randall Steere Farm Asset. No. 46998	0.091	03/18/15	13%	105.9		\$299.49			\$31,709
(24) Johnston Solar Asset No. 47357	1.700	08/03/15	12%	1,770.4	23.9	\$175.00	\$175.00		\$313,994
(25) North Kingstown Solar 1720 Davisville Rd.- Asset No. 47487	0.500	10/20/15	14%	592.0		\$190.00			\$112,487
(26) Wilco 260 South County Trail - Asset No. 48664	1.246	08/11/16	13%	1,395.9		\$219.50			\$306,403
(27) Foster Solar - Asset No. 48774	1.250	09/08/16	15%	1,627.7		\$205.99			\$335,286
(28) Brookside Equestrian Center No. 48899	1.246	10/19/16	14%	1,508.8		\$149.90			\$226,173
(29) Deepwater Wind Asset No. 38495	30.000	12/12/16	45%	117,849.4		\$261.32			\$30,796,404
(30) Orbit Energy Asset No. 50057	3.200	08/24/17	0%	1.0		\$96.90			\$93
(31) Frenchtown Road Solar - Asset No. 50731	1.250	01/30/18	12%	1,366.4		\$196.00			\$267,805
(32) Copenhagen Wind Farm	79.900	12/27/18	30%	240,933.4		\$80.33		(\$26,696)	\$19,326,276
(33) Woods Hill Solar Asset No. 49370	1.500	12/26/18	13%	1,886.9	23.7	\$99.49	\$99.49	(\$97)	\$189,986
(34) Total				620,820	212.5			(\$26,793)	\$88,818,025

- (a) commercially operable units
- (b) start date of commercial operation
- (c) Column (d) / (Column (a) x 8760 hours)
- (d) per Company reports
- (e) per Company Accounting records
- (f) per Purchase Power Agreements
- (g) per Purchase Power Agreements
- (h) per Company reports
- (i) Column (d) x (Column (f) + Column (e) x Column (g) + Column (h))

Long-Term Contracting for Renewable Energy Recovery (LTCRER)
Actual Market Value
For the Period January 2019 through December 2019

Estimated Market Value

<u>Unit</u>	<u>Actual MWh Purchased Under Contracts</u> (a)	<u>Energy Market Value</u> (b)	<u>REC Market Value</u> (c)	<u>Capacity</u> (d)	<u>Total Market Value</u> (e)
(1) RI LFG Genco Asset No. 40054	208,343.4	\$6,474,663	\$3,786,221	\$2,693,345	\$12,954,229
(2) Wind Energy Dev. NK Green LLC Asset No. 42394	1,678.6	\$52,543	\$52,068	\$0	\$104,610
(3) Con Edison Development Plain Mtg House Asset No. 43512	2,627.5	\$72,053	\$51,391	\$0	\$123,445
(4) ACP Land LLC 28 Jacome Way Asset No. 43527	618.9	\$24,448	\$13,593	\$0	\$38,040
(5) Comtram Cable Asset No. 43586	604.0	\$15,878	\$12,615	\$0	\$28,493
(6) CCI New England 500 kW Asset No. 43607	663.9	\$18,081	\$12,870	\$0	\$30,952
(7) Conanicut Marine Services (CMS) Solar Asset No. 43685	87.9	\$2,403	\$1,432	\$0	\$3,835
(8) Black Bear Orono B Hydro Asset No. 38083	24,097.1	\$634,338	\$431,661	\$319,584	\$1,385,584
(9) West Davisville Solar Asset No. 43716	2,914.1	\$76,611	\$57,443	\$0	\$134,054
(10) Forbes Street Solar Asset No. 43762	3,855.5	\$99,951	\$77,661	\$0	\$177,612
(11) CCI New England 181 kW Asset No. 43921	208.9	\$5,405	\$3,900	\$0	\$9,305
(12) 100 Dupont Solar Asset No. 44003	1,527.6	\$39,409	\$29,338	\$0	\$68,746
(13) 225 Dupont Solar Asset No. 44004	344.1	\$8,844	\$6,741	\$0	\$15,586
(14) 35 Martin Solar Asset No. 44006	595.8	\$15,417	\$11,726	\$0	\$27,144
(15) O Martin Solar Asset No. 44005	603.2	\$15,531	\$11,860	\$0	\$27,390
(16) Gannon & Scott Solar Asset No. 44010	267.3	\$7,320	\$4,223	\$0	\$11,542
(17) All American Foods Solar Asset. No. 46721	393.3	\$10,285	\$8,105	\$0	\$18,390
(18) Brickle Group Solar Project Asset. No. 46911	1,368.2	\$35,452	\$26,053	\$0	\$61,505
(19) T.E.A.M. Inc. Solar Asset. No. 46913	195.7	\$4,956	\$3,790	\$0	\$8,746
(20) Newport Vineyards Solar Asset. No. 46917	61.0	\$1,613	\$1,199	\$0	\$2,812
(21) SER Solar 23 Appian Way Asset. No. 46926	54.3	\$1,355	\$1,076	\$0	\$2,431
(22) Nexamp 76 Stilson Rd. Asset. No. 47020	672.3	\$18,678	\$13,090	\$0	\$31,768
(23) Randall Steere Farm Asset. No. 46998	105.9	\$2,657	\$1,943	\$0	\$4,600
(24) Johnston Solar Asset No. 47357	1,770.4	\$45,717	\$34,822	\$0	\$80,539
(25) North Kingstown Solar 1720 Davisville Rd.- Asset No. 47487	592.0	\$15,734	\$11,202	\$0	\$26,936
(26) Wilco 260 South County Trail - Asset No. 48664	1,395.9	\$38,504	\$29,448	\$0	\$67,952
(27) Foster Solar - Asset No. 48774	1,627.7	\$42,705	\$31,267	\$0	\$73,972
(28) Brookside Equestrian Center No. 48899	1,508.8	\$40,198	\$31,057	\$0	\$71,255
(29) Deepwater Wind Asset No. 38495	117,849.4	\$3,735,044	\$2,390,191	\$0	\$6,125,235
(30) Orbit Energy Asset No. 50057	1.0	\$37	\$0	\$0	\$37
(31) Frenchtown Road Solar - Asset No. 50731	1,366.4	\$35,438	\$26,896	\$0	\$62,334
(32) Copenhagen Wind Farm	240,933.4	\$6,207,457	\$3,905,778	\$0	\$10,113,235
(33) Woods Hill Solar Asset No. 49370	1,886.9	<u>\$50,065</u>	<u>\$32,902</u>	<u>\$0</u>	<u>\$82,967</u>
(34) Total		\$17,848,789	\$11,113,563	\$3,012,929	\$31,975,280

- (a) per Page 2, column (d)
- (b) per Company Accounting records
- (c) per Company Accounting records
- (d) per Company Accounting records
- (e) column (b) + column (c) + column (d)

**Long-Term Contracting for Renewable Energy Recovery (LTCRER)
Above (Below) Market Cost
For the Period January 2019 through December 2019**

Above (Below) Market Cost

<u>Unit</u>	<u>Actual Annual Contract Cost</u> (a)	<u>Total Market Value</u> (b)	<u>Above (Below) Market Cost</u> (c)
(1) RI LFG Genco Asset No. 40054	\$29,667,891	\$12,954,229	\$16,713,662
(2) Wind Energy Dev. NK Green LLC Asset No. 42394	\$224,096	\$104,610	\$119,485
(3) Con Edison Development Plain Mtg House Asset No. 43512	\$722,569	\$123,445	\$599,125
(4) ACP Land LLC 28 Jacome Way Asset No. 43527	\$254,697	\$38,040	\$216,657
(5) Comtram Cable Asset No. 43586	\$190,864	\$28,493	\$162,371
(6) CCI New England 500 kW Asset No. 43607	\$210,073	\$30,952	\$179,121
(7) Conanicut Marine Services (CMS) Solar Asset No. 43685	\$25,305	\$3,835	\$21,471
(8) Black Bear Orono B Hydro Asset No. 38083	\$2,469,468	\$1,385,584	\$1,083,885
(9) West Davisville Solar Asset No. 43716	\$690,622	\$134,054	\$556,568
(10) Forbes Street Solar Asset No. 43762	\$921,453	\$177,612	\$743,841
(11) CCI New England 181 kW Asset No. 43921	\$65,999	\$9,305	\$56,694
(12) 100 Dupont Solar Asset No. 44003	\$319,279	\$68,746	\$250,532
(13) 225 Dupont Solar Asset No. 44004	\$108,723	\$15,586	\$93,137
(14) 35 Martin Solar Asset No. 44006	\$188,286	\$27,144	\$161,142
(15) 0 Martin Solar Asset No. 44005	\$190,609	\$27,390	\$163,219
(16) Gannon & Scott Solar Asset No. 44010	\$75,903	\$11,542	\$64,361
(17) All American Foods Solar Asset. No. 46721	\$111,706	\$18,390	\$93,316
(18) Brickle Group Solar Project Asset. No. 46911	\$252,989	\$61,505	\$191,484
(19) T.E.A.M. Inc. Solar Asset. No. 46913	\$56,367	\$8,746	\$47,621
(20) Newport Vineyards Solar Asset. No. 46917	\$18,423	\$2,812	\$15,611
(21) SER Solar 23 Appian Way Asset. No. 46926	\$15,069	\$2,431	\$12,639
(22) Nexamp 76 Stilson Rd. Asset. No. 47020	\$131,019	\$31,768	\$99,250
(23) Randall Steere Farm Asset. No. 46998	\$31,709	\$4,600	\$27,109
(24) Johnston Solar Asset No. 47357	\$313,994	\$80,539	\$233,455
(25) North Kingstown Solar 1720 Davisville Rd.- Asset No. 47487	\$112,487	\$26,936	\$85,551
(26) Wilco 260 South County Trail - Asset No. 48664	\$306,403	\$67,952	\$238,451
(27) Foster Solar - Asset No. 48774	\$335,286	\$73,972	\$261,313
(28) Brookside Equestrian Center No. 48899	\$226,173	\$71,255	\$154,918
(29) Deepwater Wind Asset No. 38495	\$30,796,404	\$6,125,235	\$24,671,170
(30) Orbit Energy Asset No. 50057	\$93	\$37	\$56
(31) Frenchtown Road Solar - Asset No. 50731	\$267,805	\$62,334	\$205,471
(32) Copenhagen Wind Farm	\$19,326,276	\$10,113,235	\$9,213,041
(33) Woods Hill Solar Asset No. 49370	<u>\$189,986</u>	<u>\$82,967</u>	<u>\$107,018</u>
(34) Total	\$88,818,025	\$31,975,280	\$56,842,744

- (a) page 2 column (h)
- (b) page 3 column (e)
- (c) column (a) - column (b)

**Forward Capacity Market
Actual Proceeds and Administrative Costs
For the Period January 2019 through December 2019**

Section 1: Customer Share of Net Forward Capacity Market Proceeds:

(1)	Gross Forward Capacity Market Proceeds	\$61,621
(2)	Customer Share of Net Forward Capacity Market Proceeds	\$55,459

Section 2: Administrative Costs:

(3)	Contractor Fees	(\$30,913)
(4)	Total hours for January 2019 - December 2019	59
(5)	Unburdened Average Hourly Rate	\$47.98
(6)	Average Burden Rate	57.88%
(7)	Burdened Average Hourly Rate	\$75.75
(8)	Administrative Company Labor for the FCM	\$4,431
(9)	Total administrative costs for the FCM	(\$26,482)

(1)	Proceeds received
(2)	Line (1) x 90%
(3)	per Company accounting records
(4)	per Company accounting records
(5)	Per Company records (excludes Pension and PBOP)
(6)	Average Burden rate for CY17
(7)	Line (7) x (1 + Line (8))
(8)	Line (6) x Line (9)
(9)	Line (5) + Line (10)

PUC 1-8

Request:

Please provide a summary of the items that comprise "Other Administrative Costs" of \$364,871. Bates 68, Line 4, Column C.

Response:

The other administrative costs of \$364,871 consists of: (1) \$78,300 for Concentric Energy Advisors, Inc. to conduct a study for separating out capacity costs from standard offer service bids, (2) labor and overhead cost associated with eight employees who support Standard Offer Service activities, and (3) \$167 of travel expense associated with Standard Offer Service.

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5005
2020 Annual Retail Rate Filing
Responses to Commission's First Set of Data Requests
Issued March 11, 2020

PUC 1-9

Request:

Please explain what caused the large differential between LTC revenue and expense that occurred in 2019. March 9, 2020 filing, Bates 51, line 14, column F.

Response:

The under-recovery resulting from the LTC reconciliation is driven by the difference between estimated LTC costs in the semi-annual LTC Factor filings and actual LTC costs included in the reconciliation. Table A shows calendar year 2019 estimated and actual LTC costs.

Table A.

	Description	Estimate	Actual	Change
1	Above Market Costs	\$45,050,589	\$55,053,276	\$10,002,687
2	Customer Share of Net Forward Capacity Market Proceed	\$145,062	\$55,459	(\$89,603)
3	Administrative Costs	\$39,912	(\$26,482)	(\$66,393)
4	Remuneration	\$0	\$2,310,430	\$2,310,430
5	Total Costs	\$44,945,439	\$57,281,766	\$12,336,327

The \$10,002,687 increase in above market costs shown in Table A on Line 1 was caused by the following factors:

Table B.

	Description	\$M
1	Higher contract costs due to increased MWh Output of 35,976.6	\$3.4
2	Lower Energy Market Value	\$10.8
3	Higher REC Market Value	(\$2.4)
4	Outperformance Guarantee	(\$1.8)
5	Total	\$10.0

PUC 1-9, page 2

Explanations of the line items from Table B:

1. Higher MWh production from the following LTC units, as well as small changes (increases and decreases) in MWh production from other units:

Unit	MWh Change from Estimate
Copenhagen Wind Farm	30,956.2
Deepwater Wind	2,217.4
Black Bear Orono B Hydro	1,906.9
Woods Hill Solar	1,032.8
Total	36,113.3

2. Blended Energy Market Values estimated at \$48.96. Actual Energy Market Values at \$28.75. 2019 had the second lowest annual average price since 2003.¹
3. REC Market Value higher than estimated due to higher actual prices in the July to December 2019 period.
4. Outperformance credit for Deepwater wind not included in LTC factor filings.

¹ "In 2019, New England experienced a mild winter that moderated natural gas prices, a cool summer that tempered air conditioning use, and surging amounts of solar power and energy efficiency that lessened electricity demand from the grid." ISO-NE 2020 Regional Electricity Outlook. Page 10. https://iso-ne.com/static-assets/documents/2020/02/2020_reo.pdf