

January 21, 2020

Ms. Tanowa Troupe, Secretary
Ohio Power Siting Board
Docketing Division
180 East Broad Street, 11th Floor
Columbus, Ohio 43215-3797

Re: Case No. 18-1607-EL-BGN - In the Matter of the Application of Firelands Wind, LLC for a Certificate of Environmental Compatibility and Public Need to Construct a Wind-Powered Electric Generation Facility in Huron and Erie Counties, Ohio.

Response to Fourth Data Request from Staff of the Ohio Power Siting Board

Dear Ms. Troupe:

Attached please find Firelands Wind, LLC's ("Applicant") response to the Fourth Data Request from the staff of the Ohio Power Siting Board ("OPSB Staff"). The Applicant provided this response to OPSB Staff on January 21, 2020.

We are available, at your convenience, to answer any questions you may have.

Respectfully submitted,

/s/ Christine M.T. Pirik

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Cc: Craig Butler
Jonathan Pawley

Ms. Tanowa Troupe
 Firelands Wind, LLC
 Case No. 18-1607-EL-BGN
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CERTIFICATE OF SERVICE

The Ohio Power Siting Board's e-filing system will electronically serve notice of the filing of this document on the parties referenced in the service list of the docket card who have electronically subscribed to these cases. In addition, the undersigned certifies that a copy of the foregoing document is also being served upon the persons below this 21st day of January, 2020.

/s/ Christine M.T. Pirik

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Administrative Law Judge:

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COLUMBUS 59714-18 131021v1

**BEFORE
THE OHIO POWER SITING BOARD**

In the Matter of the Application of Firelands Wind,)
LLC for a Certificate of Environmental Compatibility)
and Public Need to Construct a Wind-Powered) Case No: 18-1607-EL-BGN
Electric Generation Facility in Huron and Erie)
Counties, Ohio.)

**FIRELANDS WIND, LLC'S RESPONSE TO THE
FOURTH DATA REQUEST
FROM THE STAFF OF THE OHIO POWER SITING BOARD**

On January 31, 2019, as supplemented on March 18, 2019, April 11, 2019, July 10, 2019, and September 12, 2019, as revised on October 4, 2019, Firelands Wind, LLC (“Applicant”) filed an application (“Application”) with the Ohio Power Siting Board (“OPSB”) proposing to construct a wind-powered electric generation facility in Huron and Erie Counties, Ohio (“Project”).

On January 9, 2020, the Staff of the OPSB (“OPSB Staff”) provided the Applicant with OPSB Staff’s Fourth Data Request. Now comes the Applicant providing the following responses to the Fourth Data Request from the OPSB Staff.

1. **On page 49 of the noise report filed on 9/12/19, it is stated; “7. Model results are summarized in Section 6.2, and provided in tabular format for all model runs in Appendix D. For all eight Emerson Creek only model runs, all nonparticipating receptors were less than 49 dBA, meeting the applicable OPSB limit for the project.”**

But in the table of modeled operational noise impacts for non-participating residence 3166, 2 turbines are listed as having impacts of 54 dBA. Please explain the discrepancy.

3166	Non-participating	36	35	36	36	38	54	54	54
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Response: Upon review of the Appendix D in the Noise Impact Assessment Report (Exhibit G to the January 31, 2019 Application), we discovered there was an error

when inserting the results into the last three columns of the table. This caused incorrect values to be reported in those three columns for each receptor in the table. We have corrected the table and it is attached hereto as Attachment A. The corrected results for Receptor 3166 are shown immediately below this response. We have confirmed that the results in the summary table, Table 4 in Section 6.2 of the Noise Impact Assessment, are correct. All non-participating receptors are less than 49 dBA.

3166	Non-participating	36	35	36	36	38	35	36	39
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2. **What is time interval for the Leq values used for the ambient noise level and for the operational noise modeling.**

Response: The background sound levels are reported as 10-minute Leq in the time-history figures for each monitor. The ambient nighttime and daytime sound level used for determination of the sound level limit is the average Leq across all monitors as shown in Table 3 in Section 5.1 of the Noise Impact Assessment Report (Attachment G to the January 31, 2019 Application). The daytime values in Table 3 are summarized for all valid data collected between 7:00 a.m. and 10:00 p.m., and the nighttime values in Table 3 are summarized for all valid data collected between 10:00 p.m. and 7:00 a.m.

The operational sound propagation model results represent an Leq (1-hour).

3. **In the shadow flicker report, page 2, filed 9/12/19, one of two layouts for shadow flickering modeling is “The second layout includes 64 GE158 turbines, each with a rotor diameter of 158 meters and a hub height of 107.5 meters and 23 GE140 turbines, each with a rotor diameter of 140 meters and a hub height of 107.5 meters.” Attachment 1 of that same filing has a table of the proposed turbines and it lists the GE140 3.0 MW turbine as having a 110 meter hub height. But a bullet point in the third paragraph states; “The rotor diameter (140 meters) and hub height (110 meters) for the GE140 turbine.” Which statement is correct?**

Response: The latter statement is correct. The latter was used in the Shadow Flicker Analysis:

GE 140 Hub Height: 110 meters
GE 140 Rotor Diameter: 140 meters

GE 158 Hub Height: 107.5 meters
GE150 Rotor Diameter: 158 meters

4. **In the response to data requests the requested excel copy of Tables 2, and 3 of the latest shadow flicker report is missing data. Attachment C which should be a excel copy of table 2 has 40 receptors, but in the 9/12/19 Shadow flicker table 2 has 118 receptors. Also, table 2 has a column for Vestas and GE but Attachment**

C only has a column for GE. Also, attachment D which should be a excel copy of table 3 but it is missing the Vestas columns. Please resubmit these with the complete information.

Response: Please see Attachment B for the updated Tables 2 and 3 to the Shadow Flicker data provided on October 9, 2019. These tables replace the information previously provided on September 12, 2019 and October 9, 2019. Tables 2 and 3 have also been provided to OPSB Staff and parties in excel format

Respectfully submitted,

/s/ Christine M.T. Pirik

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(Counsel agrees to receive service by email.)

Attorneys for Firelands Wind, LLC

Attachment A

Updated Noise Impact Assessment Report

/s/ Christine M.T. Pirik
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Attorneys for Firelands Wind, LLC

APPENDIX D. DETAILED MODEL RESULTS

This section provides the model results for each model run at all 3,236 sensitive receptors in Table 8. At the end of the results table are foldout maps (Figure 60 through Figure 65) that provides the location of the receptor IDs that corresponds to the IDs in the results table. The maps are 11"x17".

TABLE 8: MODEL RESULTS FOR ALL SENSITIVE RECEPTORS

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1	Non-participating	35	34	35	35	36	34	34	36
2	Non-participating	39	38	39	39	40	38	39	40
3	Non-participating	41	40	42	41	43	41	41	43
4	Non-participating	33	32	33	33	35	32	33	35
5	Non-participating	39	38	39	39	41	38	39	41
6	Participating	44	44	45	45	47	45	45	47
7	Non-participating	43	42	43	43	45	43	43	45
8	Non-participating	35	34	35	35	37	34	35	37
9	Non-participating	40	39	40	40	41	39	40	41
10	Non-participating	37	36	38	38	39	36	37	40
11	Participating	44	43	44	44	46	44	44	46
12	Participating	38	38	39	39	40	38	38	40
13	Non-participating	37	36	37	37	38	36	36	38
14	Non-participating	35	34	35	35	36	34	35	36
15	Non-participating	42	41	43	43	44	42	42	46
16	Non-participating	39	38	39	39	40	38	39	40
17	Non-participating	33	32	34	34	35	32	33	36
18	Non-participating	34	33	34	34	36	33	34	36
19	Participating	41	41	41	41	42	41	41	42
20	Non-participating	37	36	38	38	39	36	37	39
21	Non-participating	41	41	42	42	43	41	41	43
22	Non-participating	35	34	35	35	36	34	34	40
23	Non-participating	37	37	38	38	39	37	37	39
24	Non-participating	31	30	31	31	33	30	31	33
25	Non-participating	42	41	42	42	44	41	42	44
26	Non-participating	43	42	44	44	45	43	43	45



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
27	Participating	40	39	41	41	42	40	40	42
28	Non-participating	37	36	37	37	38	36	37	38
29	Non-participating	41	40	41	41	43	40	41	43
30	Non-participating	40	40	41	41	42	40	41	42
31	Non-participating	41	40	42	42	43	41	41	43
32	Non-participating	44	44	45	45	47	45	45	47
33	Participating	41	41	42	42	43	41	42	43
34	Participating	40	39	40	40	42	39	40	42
35	Non-participating	37	36	37	37	38	36	37	38
36	Non-participating	36	35	36	36	38	35	36	38
37	Non-participating	40	39	41	41	42	40	41	42
38	Non-participating	38	38	39	39	40	38	38	40
39	Non-participating	38	37	38	38	39	37	38	39
40	Non-participating	39	38	39	39	41	38	39	41
41	Non-participating	38	37	38	38	40	37	38	40
42	Non-participating	34	33	34	34	35	33	34	35
43	Non-participating	38	37	38	38	39	37	38	39
44	Non-participating	40	39	40	40	42	40	40	42
45	Non-participating	41	40	41	41	43	41	41	43
46	Non-participating	40	39	40	40	41	39	40	41
47	Non-participating	41	40	41	41	43	40	41	43
48	Participating	36	35	36	36	37	35	35	38
49	Non-participating	35	34	35	35	36	34	35	36
50	Non-participating	38	38	39	39	40	38	38	40
51	Non-participating	38	37	38	38	40	37	38	40
52	Non-participating	38	37	38	38	40	37	38	40
53	Non-participating	35	34	35	35	37	34	35	38
54	Participating	44	43	44	44	46	44	44	46
55	Non-participating	32	31	32	32	33	30	31	33
56	Non-participating	35	35	36	36	37	34	35	37
57	Non-participating	40	39	40	40	41	39	40	41
58	Non-participating	41	40	41	41	42	40	41	43
59	Non-participating	42	42	43	43	44	42	42	44
60	Non-participating	34	34	35	35	36	33	34	36
61	Non-participating	32	31	32	32	34	31	32	34

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
62	Non-participating	36	35	36	36	37	35	36	37
63	Non-participating	43	43	44	44	45	43	44	45
64	Participating	44	44	45	45	46	44	45	46
65	Non-participating	37	36	37	37	39	36	36	40
66	Non-participating	38	38	39	39	40	38	38	41
67	Non-participating	35	35	36	36	37	34	35	38
68	Non-participating	41	40	41	41	42	40	41	42
69	Non-participating	32	31	32	32	34	31	31	34
70	Non-participating	37	36	37	37	38	36	36	39
71	Non-participating	37	36	37	37	38	36	37	38
72	Non-participating	39	38	39	39	41	38	39	41
73	Non-participating	35	34	35	35	36	34	34	36
74	Non-participating	39	38	39	39	41	38	39	41
75	Participating	38	37	39	38	40	37	38	40
76	Non-participating	38	37	38	38	39	37	37	39
77	Participating	47	46	48	48	49	47	47	49
78	Non-participating	37	36	37	37	38	36	37	39
79	Non-participating	41	40	41	41	43	41	41	43
80	Non-participating	34	33	34	34	36	33	34	36
81	Non-participating	33	32	33	33	35	32	32	35
82	Non-participating	36	35	36	36	38	35	36	38
83	Non-participating	39	38	39	39	40	38	38	40
84	Non-participating	35	34	35	35	37	34	35	37
85	Non-participating	40	39	40	40	42	40	40	42
86	Participating	38	38	39	39	40	38	39	40
87	Participating	45	44	46	45	47	45	45	47
88	Non-participating	38	37	39	39	40	38	38	40
89	Non-participating	41	40	42	41	43	41	41	43
90	Non-participating	35	34	35	35	36	34	35	36
91	Participating	44	43	45	44	46	44	44	46
92	Non-participating	36	35	36	36	38	35	36	38
93	Non-participating	38	37	39	39	40	37	38	40
94	Non-participating	41	40	42	42	43	41	41	46
95	Non-participating	43	43	44	44	45	43	44	46
96	Non-participating	44	43	45	45	46	44	45	46



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
97	Non-participating	34	33	34	34	36	33	34	36
98	Non-participating	42	41	42	42	44	42	42	44
99	Non-participating	35	35	36	36	37	35	35	37
100	Non-participating	39	38	40	40	41	39	39	41
101	Participating	35	35	36	36	37	34	35	37
102	Non-participating	43	42	44	44	45	43	43	45
103	Non-participating	40	40	41	41	42	40	40	42
104	Non-participating	44	43	45	45	46	44	44	46
105	Participating	36	35	36	36	37	35	35	37
106	Non-participating	37	36	37	37	39	36	37	39
107	Non-participating	39	38	40	40	41	39	39	41
108	Non-participating	33	33	34	34	35	32	33	35
109	Non-participating	33	33	34	34	35	32	33	35
110	Non-participating	36	35	36	36	38	35	36	38
111	Non-participating	39	39	40	40	41	39	40	41
112	Participating	37	36	37	37	39	36	37	39
113	Participating	42	41	43	43	44	42	43	44
114	Non-participating	41	41	42	42	43	41	41	46
115	Non-participating	38	37	38	38	40	37	38	40
116	Non-participating	35	34	35	35	37	34	35	37
117	Non-participating	33	32	33	33	35	32	33	35
118	Participating	38	37	38	38	39	37	37	39
119	Non-participating	36	35	36	36	38	35	36	38
120	Non-participating	40	39	40	40	41	39	40	41
121	Non-participating	35	34	35	35	36	34	34	38
122	Non-participating	37	36	37	37	39	36	37	39
123	Non-participating	39	38	39	39	40	38	39	40
124	Non-participating	39	38	39	39	41	38	39	41
125	Non-participating	37	36	37	37	38	36	36	38
126	Non-participating	29	28	29	29	31	28	28	31
127	Non-participating	42	42	43	43	44	42	42	46
128	Non-participating	35	34	35	35	36	34	34	37
129	Non-participating	37	36	38	38	39	36	37	39
130	Non-participating	39	38	39	39	40	38	39	40
131	Non-participating	38	37	38	38	39	37	37	39

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
132	Non-participating	35	34	35	35	37	34	35	37
133	Non-participating	37	36	37	37	39	36	37	39
134	Non-participating	38	37	38	38	40	37	38	40
135	Non-participating	38	37	39	39	40	38	39	40
136	Non-participating	36	35	36	36	37	35	35	38
137	Participating	43	43	44	44	45	43	44	45
138	Non-participating	31	30	31	31	33	30	31	33
139	Non-participating	36	35	36	36	37	35	36	37
140	Non-participating	39	38	39	39	40	38	38	41
141	Non-participating	35	34	35	35	37	34	35	37
142	Non-participating	39	38	39	39	41	38	39	41
143	Participating	46	45	46	46	48	46	46	48
144	Non-participating	44	43	45	45	46	44	45	46
145	Non-participating	42	41	43	43	44	42	42	44
146	Non-participating	43	42	43	43	45	43	43	45
147	Non-participating	38	37	38	38	40	37	38	40
148	Non-participating	36	35	36	36	37	35	35	37
149	Non-participating	38	38	39	39	40	38	38	41
150	Non-participating	36	35	37	37	38	35	36	38
151	Non-participating	39	38	39	39	40	38	39	40
152	Non-participating	37	36	37	37	39	36	37	39
153	Participating	44	43	45	45	46	44	44	46
154	Non-participating	35	34	35	35	36	34	34	37
155	Non-participating	41	41	42	42	43	41	42	43
156	Non-participating	35	34	35	35	37	34	35	37
157	Non-participating	39	39	40	40	41	39	40	41
158	Non-participating	40	39	40	40	42	40	40	42
159	Non-participating	40	40	41	41	42	40	40	42
160	Non-participating	36	35	36	36	38	35	36	38
161	Non-participating	36	35	36	37	38	35	36	38
162	Non-participating	38	37	38	38	40	37	38	40
163	Non-participating	36	35	37	37	38	36	36	38
164	Non-participating	35	34	35	35	37	34	34	37
165	Non-participating	38	37	38	38	40	37	37	40
166	Non-participating	33	32	33	33	35	32	33	35



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
167	Non-participating	34	33	34	34	36	33	34	36
168	Non-participating	35	34	36	36	37	34	35	37
169	Participating	39	39	40	40	41	39	40	41
170	Non-participating	38	37	38	38	40	37	38	40
171	Non-participating	41	41	42	42	43	41	41	43
172	Non-participating	37	37	38	38	39	37	38	39
173	Non-participating	38	37	38	38	39	37	37	39
174	Non-participating	40	40	41	41	42	40	41	42
175	Non-participating	34	33	34	34	36	33	34	37
176	Non-participating	38	38	39	39	40	38	38	41
177	Non-participating	34	34	35	35	36	33	34	38
178	Non-participating	36	35	36	36	38	35	36	38
179	Non-participating	37	36	37	37	38	36	36	38
180	Non-participating	40	39	40	40	42	39	40	42
181	Non-participating	39	38	40	40	41	39	39	41
182	Non-participating	43	42	44	44	45	43	43	45
183	Non-participating	36	35	36	36	37	35	35	38
184	Non-participating	34	34	35	35	36	33	34	36
185	Non-participating	36	35	37	37	38	36	36	38
186	Non-participating	42	42	43	43	44	42	43	44
187	Participating	37	36	37	37	39	36	37	39
188	Non-participating	34	33	34	34	36	33	33	36
189	Non-participating	40	39	40	40	42	39	40	42
190	Non-participating	37	37	38	38	39	36	37	39
191	Non-participating	41	40	41	41	43	40	41	43
192	Non-participating	38	38	39	39	40	38	38	41
193	Non-participating	41	41	42	42	43	41	41	43
194	Non-participating	37	36	37	37	39	36	37	39
195	Non-participating	34	34	35	35	36	34	34	36
196	Non-participating	35	35	36	36	37	35	35	37
197	Participating	48	47	49	49	50	48	49	50
198	Non-participating	37	36	37	37	39	36	37	47
199	Non-participating	41	40	42	42	43	41	41	46
200	Non-participating	43	42	44	44	45	43	43	45
201	Non-participating	35	34	35	35	37	34	35	37

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
202	Non-participating	39	38	39	39	41	38	39	41
203	Non-participating	37	36	37	37	39	36	37	39
204	Non-participating	38	38	39	39	40	38	38	40
205	Non-participating	36	35	36	36	38	35	36	38
206	Non-participating	41	40	42	42	43	41	41	43
207	Participating	43	42	43	43	45	43	43	45
208	Non-participating	37	36	37	37	39	36	37	39
209	Non-participating	40	39	40	40	42	39	40	42
210	Non-participating	39	38	39	39	41	38	39	41
211	Non-participating	42	41	43	43	44	42	42	44
212	Participating	41	40	41	41	43	40	41	43
213	Non-participating	36	36	37	37	38	36	36	38
214	Participating	42	41	42	42	44	41	42	44
215	Non-participating	36	35	36	36	38	35	36	38
216	Non-participating	40	39	40	40	42	40	40	42
217	Non-participating	41	40	42	42	43	41	41	43
218	Non-participating	40	39	41	41	42	40	40	42
219	Non-participating	37	37	38	38	39	36	37	39
220	Non-participating	40	39	41	40	42	40	40	42
221	Non-participating	43	43	44	44	45	43	44	45
222	Participating	43	43	44	44	46	43	44	46
223	Non-participating	36	36	37	37	38	35	36	38
224	Non-participating	39	38	40	40	41	39	39	41
225	Non-participating	43	43	44	44	45	43	44	45
226	Non-participating	34	34	35	35	36	33	34	36
227	Non-participating	44	44	45	45	46	44	45	46
228	Non-participating	42	41	43	43	44	42	43	44
229	Non-participating	37	37	38	38	39	37	37	39
230	Non-participating	40	39	40	40	42	39	40	42
231	Non-participating	40	39	41	41	42	40	40	42
232	Non-participating	44	43	45	45	46	44	44	46
233	Non-participating	44	43	45	45	46	44	44	46
234	Non-participating	41	40	41	41	42	41	41	42
235	Non-participating	38	37	39	39	40	38	38	40
236	Non-participating	38	38	39	39	40	38	38	40



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
237	Non-participating	40	39	41	41	42	40	40	42
238	Non-participating	29	29	29	29	31	28	29	31
239	Non-participating	35	35	36	36	37	35	35	37
240	Non-participating	38	37	39	39	40	38	38	40
241	Participating	39	38	39	39	40	38	38	41
242	Non-participating	37	37	38	38	39	37	37	39
243	Non-participating	34	33	35	35	36	33	34	36
244	Non-participating	36	36	37	37	38	36	36	38
245	Non-participating	39	39	40	40	41	39	40	41
246	Non-participating	36	35	36	36	38	35	35	42
247	Non-participating	31	30	31	31	32	29	30	32
248	Non-participating	38	37	38	38	39	37	37	40
249	Non-participating	33	33	34	34	35	32	33	35
250	Non-participating	37	36	38	38	39	37	37	39
251	Non-participating	37	37	38	38	39	37	37	39
252	Participating	41	40	41	41	43	40	41	43
253	Participating	36	36	37	37	38	36	36	38
254	Non-participating	40	39	41	41	42	40	40	44
255	Non-participating	41	40	41	41	43	41	41	43
256	Non-participating	32	31	32	32	33	31	31	33
257	Non-participating	29	28	29	29	31	28	28	31
258	Non-participating	34	33	34	34	35	33	34	35
259	Participating	35	34	35	35	37	34	35	37
260	Non-participating	37	36	37	37	38	36	36	39
261	Non-participating	40	39	41	41	42	40	40	42
262	Non-participating	34	34	35	35	36	34	34	36
263	Non-participating	37	36	37	37	38	36	36	38
264	Non-participating	41	40	42	42	43	41	41	43
265	Non-participating	40	39	40	40	41	39	40	41
266	Non-participating	38	37	38	38	40	37	38	40
267	Non-participating	34	34	35	35	36	33	34	36
268	Non-participating	36	35	36	36	38	35	36	38
269	Non-participating	34	33	34	34	36	33	34	36
270	Non-participating	37	36	38	38	39	36	37	39
271	Non-participating	37	36	37	37	39	36	37	39

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
272	Non-participating	41	40	42	42	43	41	41	43
273	Non-participating	38	37	39	39	40	38	38	40
274	Participating	34	33	34	34	36	33	34	37
275	Participating	45	44	46	46	47	45	45	48
276	Non-participating	35	34	35	35	36	33	34	39
277	Participating	45	44	45	45	47	45	45	47
278	Non-participating	41	40	42	42	43	41	41	43
279	Participating	43	42	44	44	45	43	44	45
280	Participating	47	47	47	47	47	47	47	47
281	Non-participating	40	39	40	40	41	39	40	41
282	Participating	36	35	36	36	38	35	36	38
283	Non-participating	37	36	37	37	39	36	37	39
284	Non-participating	40	40	41	41	42	40	40	42
285	Non-participating	39	39	40	40	41	39	39	41
286	Non-participating	38	37	39	39	40	38	38	40
287	Non-participating	37	36	37	37	39	36	37	39
288	Participating	43	42	44	44	45	43	43	45
289	Non-participating	35	34	35	35	37	34	35	37
290	Non-participating	33	32	34	33	35	32	33	35
291	Non-participating	40	39	41	41	42	40	40	42
292	Non-participating	34	33	34	34	36	33	34	36
293	Non-participating	38	37	38	38	40	37	38	40
294	Participating	39	39	40	40	41	39	39	41
295	Non-participating	36	36	37	37	38	36	36	39
296	Participating	33	33	34	34	35	32	33	35
297	Non-participating	33	32	33	33	34	32	32	34
298	Participating	42	41	42	42	44	42	42	44
299	Non-participating	39	39	40	40	41	39	40	41
300	Non-participating	37	36	37	37	39	36	37	39
301	Non-participating	38	37	38	38	40	37	38	40
302	Non-participating	34	33	34	34	36	33	34	36
303	Non-participating	38	37	38	38	40	37	37	40
304	Non-participating	43	42	44	44	45	43	43	47
305	Participating	41	40	42	42	43	41	41	43
306	Non-participating	33	33	34	34	35	32	33	35



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
307	Non-participating	35	34	36	35	37	34	35	37
308	Non-participating	32	31	32	32	34	31	32	34
309	Non-participating	35	35	36	36	37	34	35	37
310	Participating	40	39	41	41	42	39	40	42
311	Non-participating	33	33	34	34	35	32	33	35
312	Non-participating	39	38	39	39	40	38	39	40
313	Non-participating	37	37	38	38	39	37	37	39
314	Non-participating	36	36	37	37	38	35	36	38
315	Non-participating	38	37	39	39	40	38	38	40
316	Non-participating	34	34	35	35	36	33	34	36
317	Non-participating	38	37	39	39	40	37	38	40
318	Non-participating	30	29	30	30	31	28	29	31
319	Non-participating	44	43	45	45	46	44	45	46
320	Non-participating	41	40	41	41	42	40	41	42
321	Non-participating	39	38	39	39	40	38	38	41
322	Non-participating	39	38	39	39	41	38	39	41
323	Non-participating	38	37	39	39	40	38	38	40
324	Participating	38	37	39	39	40	38	38	40
325	Participating	39	39	40	40	41	39	40	41
326	Non-participating	29	28	29	29	31	28	29	31
327	Non-participating	39	39	40	40	41	39	40	41
328	Non-participating	40	39	41	41	42	40	40	42
329	Non-participating	39	38	40	40	41	39	39	41
330	Non-participating	42	42	43	43	44	42	43	44
331	Non-participating	38	37	38	38	39	37	38	39
332	Participating	42	41	43	42	44	42	42	44
333	Non-participating	40	39	40	40	41	39	39	42
334	Participating	37	37	38	38	39	37	37	39
335	Non-participating	41	40	42	42	43	41	41	43
336	Participating	43	42	43	43	45	43	43	45
337	Non-participating	37	36	37	37	39	36	37	39
338	Non-participating	36	36	37	37	38	36	36	43
339	Non-participating	38	37	38	38	40	37	38	40
340	Non-participating	37	36	37	37	38	36	36	39
341	Non-participating	40	39	40	40	41	39	39	42

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
342	Non-participating	35	34	36	36	37	34	35	37
343	Non-participating	36	35	36	36	37	35	35	37
344	Non-participating	41	40	42	42	43	41	41	43
345	Non-participating	37	37	38	38	39	37	37	39
346	Non-participating	37	36	38	38	39	36	37	39
347	Non-participating	42	41	43	43	44	42	42	44
348	Non-participating	38	37	38	38	40	37	37	40
349	Non-participating	34	34	35	35	36	34	34	37
350	Participating	42	41	42	42	44	42	42	44
351	Non-participating	42	41	42	42	44	42	42	44
352	Non-participating	39	39	40	40	41	39	40	41
353	Non-participating	41	41	41	41	42	41	41	42
354	Non-participating	38	37	38	38	39	37	37	40
355	Non-participating	38	37	39	39	40	38	38	40
356	Non-participating	34	34	35	35	36	33	34	36
357	Non-participating	36	35	36	36	38	35	36	38
358	Non-participating	33	32	33	33	34	32	32	34
359	Non-participating	36	35	36	36	38	35	36	38
360	Participating	46	45	47	47	48	46	46	48
361	Non-participating	35	34	35	35	37	34	35	37
362	Participating	40	40	41	41	42	40	40	42
363	Non-participating	31	30	32	32	33	30	31	33
364	Non-participating	38	38	39	39	40	38	38	40
365	Participating	39	39	40	40	41	39	40	41
366	Non-participating	40	39	41	40	42	39	40	42
367	Non-participating	35	34	35	35	37	34	34	43
368	Non-participating	41	40	41	41	43	40	41	43
369	Non-participating	37	37	38	38	39	37	37	39
370	Participating	43	42	44	44	45	43	44	45
371	Non-participating	41	40	41	41	42	40	41	42
372	Participating	41	40	42	41	43	41	41	43
373	Non-participating	38	37	38	38	39	37	37	40
374	Non-participating	37	36	38	38	39	36	37	39
375	Non-participating	36	36	37	37	38	35	36	38
376	Non-participating	42	41	42	42	44	41	42	44



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
377	Participating	39	38	39	39	40	38	39	40
378	Non-participating	37	37	38	38	39	37	37	39
379	Non-participating	29	29	30	29	31	28	29	31
380	Participating	40	39	40	40	42	39	40	42
381	Non-participating	37	36	37	37	38	36	36	39
382	Participating	45	44	46	46	47	45	46	47
383	Non-participating	39	39	40	40	41	39	39	41
384	Non-participating	40	40	41	41	42	40	41	42
385	Non-participating	42	42	43	43	45	42	43	45
386	Non-participating	34	33	34	34	36	33	34	36
387	Participating	40	39	41	41	42	40	40	42
388	Non-participating	39	39	40	40	41	39	39	42
389	Non-participating	36	35	36	36	38	35	36	38
390	Participating	45	44	45	45	47	45	45	47
391	Non-participating	39	38	39	39	40	38	39	40
392	Non-participating	34	33	35	35	36	33	34	36
393	Non-participating	38	38	39	39	40	38	38	41
394	Non-participating	38	37	39	39	40	38	38	40
395	Non-participating	34	33	34	34	36	33	34	36
396	Non-participating	44	43	45	45	46	44	44	46
397	Non-participating	38	37	38	38	40	37	38	40
398	Non-participating	38	37	38	38	40	37	37	40
399	Participating	44	43	45	45	46	44	44	46
400	Non-participating	41	41	42	42	43	41	41	43
401	Non-participating	40	39	41	41	42	40	40	42
402	Non-participating	38	37	39	39	40	38	38	40
403	Non-participating	37	36	38	38	39	37	37	39
404	Participating	46	46	47	47	49	47	47	49
405	Non-participating	37	36	37	37	39	36	37	39
406	Non-participating	40	39	40	40	42	40	40	42
407	Non-participating	43	43	44	44	46	44	44	46
408	Participating	42	42	43	43	45	43	43	45
409	Non-participating	34	34	35	35	36	33	34	36
410	Non-participating	39	38	39	39	40	38	39	40
411	Non-participating	34	33	35	34	36	33	34	36

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
412	Participating	40	39	41	40	42	40	40	42
413	Non-participating	35	34	35	35	37	34	35	37
414	Non-participating	31	30	31	31	33	30	31	33
415	Non-participating	34	33	34	34	36	33	34	36
416	Non-participating	40	39	40	40	42	39	40	42
417	Non-participating	42	41	42	42	44	41	42	44
418	Non-participating	41	40	41	41	43	40	41	46
419	Non-participating	32	32	33	33	34	31	32	34
420	Non-participating	40	39	41	41	42	40	41	42
421	Non-participating	41	40	42	42	43	41	41	43
422	Non-participating	43	43	44	44	45	43	44	45
423	Non-participating	44	43	44	44	46	43	44	46
424	Participating	42	41	42	42	44	42	42	44
425	Non-participating	40	39	40	40	42	40	40	42
426	Non-participating	38	37	38	38	39	37	38	39
427	Participating	47	46	48	48	49	47	48	49
428	Non-participating	42	41	42	42	44	42	42	44
429	Non-participating	43	42	43	43	45	42	43	45
430	Participating	38	38	39	39	40	38	38	40
431	Participating	36	35	36	36	38	35	36	38
432	Non-participating	37	36	38	38	39	37	37	39
433	Non-participating	32	31	32	32	34	31	32	34
434	Non-participating	37	37	38	38	39	37	37	39
435	Non-participating	37	37	38	38	39	37	37	39
436	Participating	36	35	36	36	38	35	36	38
437	Participating	41	40	42	42	43	41	41	43
438	Non-participating	38	38	39	39	40	37	38	40
439	Non-participating	38	37	39	39	40	37	38	40
440	Non-participating	37	36	38	38	39	37	37	39
441	Non-participating	41	40	41	41	43	41	41	43
442	Participating	40	39	41	41	42	40	40	42
443	Non-participating	41	40	41	41	42	40	41	43
444	Non-participating	39	38	39	39	40	38	38	40
445	Non-participating	37	36	38	38	39	37	37	39
446	Non-participating	31	30	31	31	32	29	30	32



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
447	Non-participating	43	42	43	43	45	43	43	46
448	Non-participating	37	36	37	38	39	36	37	39
449	Non-participating	39	38	39	39	41	38	39	41
450	Non-participating	35	34	35	35	36	34	34	36
451	Non-participating	43	42	44	44	45	43	43	46
452	Non-participating	39	38	39	39	41	38	39	41
453	Non-participating	36	35	36	36	37	35	35	37
454	Participating	39	38	40	40	41	39	39	41
455	Participating	34	33	34	34	36	33	34	37
456	Non-participating	37	36	38	38	39	37	37	39
457	Non-participating	37	37	38	38	39	37	37	39
458	Non-participating	39	38	40	40	41	39	39	41
459	Non-participating	38	37	39	39	40	38	38	40
460	Non-participating	38	37	38	38	40	37	38	40
461	Non-participating	41	40	41	41	43	40	41	43
462	Non-participating	37	36	37	37	38	36	37	38
463	Non-participating	36	35	36	36	37	35	35	37
464	Non-participating	36	35	36	36	37	35	36	37
465	Non-participating	33	33	34	34	35	32	33	35
466	Non-participating	43	42	44	44	45	43	44	45
467	Non-participating	40	40	41	41	42	40	40	44
468	Non-participating	38	37	38	38	40	37	37	40
469	Non-participating	38	37	39	39	40	38	38	40
470	Non-participating	34	33	34	34	36	33	34	36
471	Non-participating	32	31	32	32	33	31	31	33
472	Non-participating	29	28	29	29	31	28	28	31
473	Non-participating	33	32	33	33	35	32	33	35
474	Non-participating	40	39	41	41	42	40	40	42
475	Non-participating	42	41	43	42	44	42	42	44
476	Non-participating	40	39	40	40	42	40	40	46
477	Non-participating	42	41	43	43	44	42	42	44
478	Non-participating	37	37	38	38	39	37	37	39
479	Participating	43	42	44	44	45	43	43	45
480	Non-participating	34	34	35	35	36	34	34	36
481	Non-participating	37	36	37	37	38	36	37	38

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
482	Non-participating	42	41	42	42	44	42	42	44
483	Non-participating	36	35	36	36	37	35	35	37
484	Non-participating	39	39	40	40	41	39	40	41
485	Non-participating	40	39	40	40	42	39	40	42
486	Non-participating	39	38	40	40	41	39	39	41
487	Participating	45	44	46	46	47	45	46	47
488	Non-participating	38	37	38	38	40	37	38	40
489	Non-participating	39	38	39	39	41	38	38	46
490	Non-participating	40	40	41	41	42	40	40	42
491	Non-participating	38	37	38	38	40	37	37	40
492	Participating	43	42	43	43	45	43	43	45
493	Non-participating	36	35	36	36	37	35	35	37
494	Non-participating	40	40	41	41	42	40	40	42
495	Non-participating	38	37	38	38	40	37	38	40
496	Participating	41	40	42	42	43	41	41	43
497	Non-participating	35	34	35	35	36	34	34	39
498	Non-participating	40	40	41	41	42	40	41	42
499	Non-participating	38	37	38	38	39	37	37	39
500	Participating	44	44	45	45	46	44	45	46
501	Non-participating	44	43	45	45	46	44	44	46
502	Non-participating	37	36	37	37	38	36	36	39
503	Participating	41	40	42	42	43	41	41	43
504	Non-participating	35	34	35	35	36	34	34	37
505	Participating	35	35	36	36	37	34	35	37
506	Non-participating	35	35	36	36	37	34	35	37
507	Non-participating	37	36	37	37	38	36	37	38
508	Non-participating	40	39	40	40	41	39	39	41
509	Non-participating	39	38	40	40	41	39	39	41
510	Participating	45	44	46	46	47	45	46	47
511	Non-participating	30	29	30	30	31	28	29	31
512	Non-participating	36	36	37	37	38	36	36	38
513	Non-participating	39	38	39	39	41	38	39	41
514	Non-participating	36	36	37	37	38	35	36	38
515	Non-participating	39	39	40	40	41	39	39	41
516	Non-participating	38	37	39	38	40	37	38	40



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
517	Participating	40	39	41	41	42	40	40	42
518	Participating	43	42	44	44	45	43	43	45
519	Participating	44	43	45	45	46	44	44	46
520	Non-participating	40	39	40	40	42	39	40	42
521	Non-participating	38	37	38	38	39	37	37	39
522	Non-participating	32	31	32	32	34	31	31	34
523	Non-participating	41	41	42	42	43	41	42	43
524	Non-participating	38	37	38	38	40	37	38	40
525	Non-participating	37	36	37	37	38	36	36	39
526	Non-participating	34	34	35	35	36	34	34	37
527	Participating	38	37	38	38	39	37	38	39
528	Non-participating	43	42	43	43	45	42	43	45
529	Non-participating	44	43	45	45	46	44	45	46
530	Non-participating	35	34	35	35	36	34	34	36
531	Non-participating	36	36	37	37	38	36	36	38
532	Non-participating	35	34	35	35	37	34	35	37
533	Non-participating	36	35	36	36	38	35	36	43
534	Non-participating	43	42	43	43	45	43	43	45
535	Participating	37	36	38	38	39	37	37	39
536	Non-participating	37	36	37	37	39	36	37	39
537	Non-participating	31	31	32	32	33	30	31	33
538	Non-participating	38	37	39	39	40	37	38	40
539	Non-participating	36	35	36	36	38	35	36	38
540	Non-participating	41	40	42	42	43	41	41	43
541	Non-participating	43	43	44	44	46	43	44	46
542	Non-participating	34	33	34	34	35	33	33	35
543	Non-participating	38	38	39	39	40	38	39	40
544	Non-participating	40	39	40	40	42	40	40	44
545	Non-participating	37	36	37	37	38	36	36	38
546	Non-participating	40	39	41	41	42	40	40	42
547	Non-participating	40	39	41	41	42	40	40	42
548	Non-participating	34	33	35	35	36	33	34	41
549	Non-participating	42	41	42	42	44	42	42	44
550	Non-participating	38	37	38	38	40	37	38	40
551	Non-participating	35	35	36	36	37	35	35	37

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
552	Non-participating	39	39	40	40	41	39	40	41
553	Non-participating	41	40	42	42	43	41	41	43
554	Non-participating	43	42	44	43	45	43	43	45
555	Non-participating	38	37	38	38	40	38	38	40
556	Non-participating	36	35	36	36	37	35	35	37
557	Non-participating	37	36	37	37	39	36	37	39
558	Non-participating	35	34	35	35	37	34	34	37
559	Non-participating	41	40	41	41	43	41	41	43
560	Non-participating	39	39	40	40	41	39	40	41
561	Non-participating	35	34	35	35	37	34	35	37
562	Participating	46	46	47	47	49	47	47	49
563	Participating	41	40	41	41	42	40	41	42
564	Non-participating	41	40	41	41	43	40	41	43
565	Non-participating	34	33	34	34	36	33	34	39
566	Non-participating	38	38	39	39	40	38	39	41
567	Non-participating	38	37	38	38	40	37	38	40
568	Non-participating	33	32	33	33	35	32	32	35
569	Non-participating	42	41	43	43	44	42	42	44
570	Participating	43	42	43	43	45	42	43	45
571	Participating	42	41	43	43	44	42	42	44
572	Non-participating	36	35	36	36	37	35	35	37
573	Non-participating	37	37	38	38	39	37	37	39
574	Non-participating	42	41	43	43	44	42	42	44
575	Non-participating	37	36	37	37	39	36	37	39
576	Non-participating	44	43	44	44	46	43	44	46
577	Non-participating	34	33	34	34	36	33	34	36
578	Non-participating	33	33	34	34	35	32	33	35
579	Non-participating	39	38	40	40	41	39	39	41
580	Participating	46	45	47	47	49	47	47	49
581	Participating	44	43	45	44	46	44	44	46
582	Non-participating	37	36	37	37	39	36	37	39
583	Non-participating	41	40	41	41	43	40	41	43
584	Non-participating	34	34	35	35	36	34	34	36
585	Non-participating	38	37	38	38	40	37	38	40
586	Participating	39	39	40	40	41	39	40	41



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
587	Participating	31	30	31	31	32	29	30	32
588	Non-participating	39	38	39	39	40	38	39	40
589	Non-participating	37	37	38	38	39	36	37	39
590	Non-participating	38	38	39	39	40	38	38	41
591	Participating	40	39	40	40	42	39	40	42
592	Non-participating	38	37	38	38	40	37	38	40
593	Participating	38	37	39	39	40	38	38	40
594	Non-participating	42	41	42	42	44	42	42	44
595	Non-participating	35	34	35	35	36	34	35	36
596	Non-participating	43	43	44	44	45	43	44	45
597	Non-participating	38	37	38	38	40	37	38	40
598	Non-participating	43	42	44	44	45	43	43	45
599	Non-participating	45	44	46	46	47	45	45	47
600	Non-participating	34	33	34	34	36	33	34	36
601	Non-participating	42	41	42	42	44	42	42	44
602	Non-participating	41	41	41	41	42	41	41	42
603	Non-participating	29	28	29	29	31	28	28	31
604	Non-participating	38	38	39	39	40	38	39	40
605	Participating	43	42	44	44	45	43	43	45
606	Non-participating	38	38	39	39	40	38	38	40
607	Non-participating	34	33	35	35	36	33	34	37
608	Participating	43	43	44	44	46	43	44	46
609	Non-participating	39	38	40	40	41	39	39	41
610	Non-participating	35	34	36	36	37	34	35	37
611	Non-participating	41	40	42	42	43	41	41	43
612	Participating	37	37	38	38	39	37	37	39
613	Non-participating	38	38	39	39	40	38	39	40
614	Participating	43	42	44	44	45	43	43	45
615	Non-participating	41	40	41	41	43	40	41	43
616	Non-participating	36	35	36	36	38	35	36	38
617	Participating	44	43	45	45	46	44	45	46
618	Non-participating	37	36	38	38	39	37	37	39
619	Non-participating	35	35	36	36	37	35	35	37
620	Participating	38	37	39	39	40	38	38	40
621	Non-participating	37	36	37	37	39	36	37	39

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
622	Participating	39	38	39	39	41	38	39	41
623	Non-participating	31	30	31	31	33	30	31	33
624	Participating	39	38	39	39	41	38	39	41
625	Non-participating	41	40	42	42	43	41	41	43
626	Non-participating	40	40	41	41	42	40	40	46
627	Non-participating	36	35	36	36	37	35	35	37
628	Participating	44	44	45	45	46	44	45	46
629	Non-participating	34	33	34	34	36	33	34	36
630	Participating	43	42	43	43	45	43	43	45
631	Participating	43	42	43	43	45	43	43	45
632	Non-participating	36	35	36	36	37	34	35	37
633	Non-participating	34	33	34	34	36	33	34	36
634	Non-participating	40	39	40	40	41	39	39	41
635	Non-participating	40	40	41	41	42	40	41	42
636	Non-participating	42	42	43	43	44	42	42	44
637	Non-participating	34	34	35	35	36	33	34	40
638	Non-participating	34	33	34	34	35	33	33	35
639	Non-participating	36	35	36	36	38	35	36	41
640	Non-participating	33	33	34	34	35	32	33	35
641	Non-participating	44	43	45	45	46	44	45	46
642	Non-participating	33	33	34	34	35	32	33	35
643	Non-participating	40	39	41	41	42	40	40	42
644	Non-participating	36	36	37	37	38	35	36	38
645	Non-participating	38	37	38	38	40	37	38	40
646	Non-participating	34	33	34	34	36	33	33	39
647	Non-participating	37	36	37	37	39	36	37	39
648	Participating	44	43	45	45	46	44	44	46
649	Non-participating	36	35	37	37	38	35	36	38
650	Participating	41	41	41	41	42	41	41	42
651	Non-participating	34	33	35	35	36	33	34	36
652	Participating	44	44	45	45	46	44	45	46
653	Participating	41	41	42	42	43	41	42	43
654	Non-participating	36	36	37	37	38	35	36	38
655	Non-participating	38	38	39	39	40	38	38	40
656	Non-participating	38	37	38	38	40	37	38	40



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
657	Participating	41	40	42	42	43	41	42	43
658	Non-participating	41	40	41	41	42	40	41	42
659	Participating	43	42	43	43	44	42	43	44
660	Non-participating	36	36	37	37	38	35	36	38
661	Non-participating	40	39	40	40	41	39	40	41
662	Non-participating	34	34	35	35	36	34	34	36
663	Non-participating	40	39	40	40	42	40	40	42
664	Non-participating	36	36	37	37	38	36	37	39
665	Participating	43	42	43	43	45	43	43	46
666	Non-participating	34	34	35	35	36	33	34	36
667	Non-participating	36	36	37	37	38	35	36	38
668	Non-participating	36	35	37	37	38	35	36	38
669	Non-participating	36	35	36	36	38	35	36	38
670	Non-participating	38	37	38	38	40	37	37	40
671	Non-participating	35	34	35	35	37	34	35	37
672	Participating	30	29	30	30	32	29	30	32
673	Non-participating	31	30	32	32	33	30	31	33
674	Non-participating	31	30	31	31	33	30	31	33
675	Non-participating	33	32	33	33	35	32	33	35
676	Non-participating	35	34	35	35	36	34	34	36
677	Non-participating	37	37	38	38	39	37	37	39
678	Non-participating	37	37	38	38	39	37	37	39
679	Non-participating	40	39	41	41	42	40	40	42
680	Non-participating	38	37	38	38	39	37	37	39
681	Non-participating	38	37	38	38	39	37	37	40
682	Non-participating	43	42	44	44	45	43	43	45
683	Participating	42	42	43	43	44	42	43	44
684	Non-participating	40	39	41	41	42	40	40	42
685	Non-participating	40	39	41	41	42	40	40	42
686	Non-participating	39	38	40	40	41	39	39	41
687	Non-participating	38	37	38	38	40	37	38	40
688	Participating	44	43	45	45	46	44	45	46
689	Non-participating	38	37	38	38	40	37	38	40
690	Non-participating	36	35	36	36	38	35	36	38
691	Non-participating	41	40	41	41	43	40	41	43

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
692	Non-participating	35	34	35	35	37	34	35	38
693	Non-participating	44	43	45	45	46	44	44	46
694	Non-participating	37	36	37	37	38	36	36	38
695	Non-participating	38	38	39	39	40	38	38	40
696	Non-participating	44	43	45	45	46	44	44	46
697	Non-participating	37	36	37	37	38	36	36	39
698	Non-participating	37	36	38	38	39	36	37	39
699	Non-participating	44	43	44	44	46	43	44	46
700	Participating	36	35	36	36	38	35	36	38
701	Non-participating	40	39	40	40	42	39	40	42
702	Non-participating	38	37	38	38	40	37	38	40
703	Non-participating	35	34	35	35	37	34	35	37
704	Non-participating	41	40	41	41	43	41	41	43
705	Non-participating	38	37	39	39	40	38	38	40
706	Participating	39	38	40	40	41	39	39	41
707	Non-participating	33	32	33	33	35	32	32	35
708	Non-participating	36	35	36	36	38	35	36	38
709	Non-participating	36	35	36	36	38	35	36	38
710	Participating	42	42	42	42	42	42	42	42
711	Non-participating	36	35	36	36	37	34	35	37
712	Non-participating	35	34	35	35	36	34	35	36
713	Non-participating	41	41	42	42	43	41	42	43
714	Non-participating	39	38	39	39	41	38	39	41
715	Non-participating	34	34	35	35	36	33	34	36
716	Non-participating	38	37	38	38	40	37	38	40
717	Non-participating	36	35	37	37	38	35	36	38
718	Non-participating	43	43	44	44	45	43	44	45
719	Non-participating	35	34	35	35	36	34	35	36
720	Participating	36	35	36	36	37	35	35	38
721	Non-participating	34	33	34	34	36	33	34	36
722	Non-participating	41	40	41	41	42	40	41	42
723	Non-participating	38	37	38	38	39	37	37	39
724	Non-participating	41	40	41	41	43	40	41	43
725	Non-participating	40	40	41	41	42	40	41	42
726	Non-participating	35	35	36	36	37	35	35	37



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
727	Participating	37	37	38	38	39	37	38	39
728	Participating	44	43	45	45	46	44	44	46
729	Non-participating	41	40	41	41	42	40	40	42
730	Non-participating	37	37	38	38	39	37	38	39
731	Non-participating	38	38	39	39	40	38	39	40
732	Non-participating	32	31	32	32	34	31	32	34
733	Participating	40	40	41	41	42	40	41	42
734	Non-participating	40	40	41	41	42	40	41	42
735	Non-participating	36	35	36	36	38	35	36	38
736	Non-participating	31	30	31	31	32	29	30	32
737	Non-participating	37	37	38	38	39	37	37	39
738	Non-participating	37	36	37	37	39	36	37	39
739	Non-participating	42	41	43	42	44	42	42	44
740	Non-participating	42	41	42	42	44	41	42	44
741	Non-participating	36	35	36	36	37	35	35	37
742	Non-participating	39	39	40	40	41	39	40	41
743	Non-participating	43	42	43	43	45	43	43	46
744	Non-participating	38	38	39	39	40	38	39	40
745	Non-participating	35	34	35	35	37	34	35	37
746	Non-participating	37	36	37	37	38	36	37	38
747	Non-participating	39	39	40	40	41	39	40	41
748	Non-participating	41	40	41	41	43	40	41	43
749	Non-participating	37	37	38	38	39	37	37	39
750	Non-participating	37	36	37	37	39	36	37	39
751	Non-participating	35	34	35	35	36	33	34	38
752	Participating	45	44	45	45	47	44	45	47
753	Participating	37	36	37	37	39	36	37	39
754	Non-participating	34	34	35	35	36	33	34	36
755	Non-participating	42	41	42	42	43	41	42	43
756	Non-participating	41	40	41	41	42	40	41	42
757	Non-participating	34	34	35	35	36	34	34	36
758	Non-participating	34	33	34	34	36	33	34	37
759	Non-participating	40	39	40	40	42	39	40	42
760	Non-participating	41	41	42	42	43	41	42	43
761	Participating	36	35	36	36	38	35	36	38

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
762	Participating	39	38	39	39	40	38	39	40
763	Non-participating	33	32	33	33	35	32	33	35
764	Non-participating	38	37	38	38	39	37	38	39
765	Non-participating	34	33	34	34	35	33	33	35
766	Participating	37	36	37	37	38	36	37	38
767	Non-participating	34	34	35	35	36	34	34	37
768	Participating	36	35	36	36	38	35	36	38
769	Non-participating	40	39	40	40	42	39	40	42
770	Non-participating	45	44	46	46	47	45	46	47
771	Non-participating	37	36	37	37	38	36	36	38
772	Non-participating	41	40	42	42	43	41	41	46
773	Non-participating	32	32	33	32	34	31	32	34
774	Non-participating	35	34	35	35	36	34	34	37
775	Non-participating	35	34	35	35	36	34	34	37
776	Non-participating	41	41	42	42	43	41	41	43
777	Non-participating	40	39	40	40	42	40	40	42
778	Non-participating	38	37	38	38	40	37	37	40
779	Participating	43	42	43	43	45	42	43	45
780	Non-participating	40	39	40	40	42	40	40	42
781	Participating	37	36	38	38	39	37	37	39
782	Non-participating	36	35	36	36	37	35	36	37
783	Non-participating	37	36	37	37	39	36	37	39
784	Non-participating	37	36	37	37	38	36	37	38
785	Participating	44	44	45	45	46	44	45	46
786	Non-participating	35	34	35	35	36	34	34	36
787	Non-participating	45	44	46	45	47	45	45	47
788	Participating	38	37	38	38	39	37	38	39
789	Non-participating	39	38	39	39	40	38	39	40
790	Non-participating	31	30	31	31	33	30	31	33
791	Non-participating	38	37	39	39	40	37	38	40
792	Non-participating	29	28	29	29	31	28	28	31
793	Participating	41	40	42	42	43	41	41	43
794	Non-participating	42	42	43	43	44	42	43	44
795	Non-participating	40	39	40	40	42	39	40	42
796	Non-participating	41	41	42	42	43	41	41	43



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
797	Non-participating	35	34	35	35	37	34	35	37
798	Non-participating	42	41	42	42	43	41	41	43
799	Non-participating	40	39	40	40	41	39	40	41
800	Non-participating	34	34	35	35	36	33	34	38
801	Participating	37	36	37	37	38	36	36	39
802	Non-participating	34	33	34	34	35	33	33	35
803	Non-participating	36	35	36	36	38	35	36	38
804	Non-participating	42	41	42	42	44	42	42	44
805	Non-participating	36	35	36	36	37	35	35	37
806	Non-participating	37	36	38	38	39	37	37	39
807	Non-participating	34	34	35	35	36	33	34	36
808	Non-participating	39	38	39	39	41	38	39	41
809	Non-participating	39	38	40	40	41	39	39	41
810	Non-participating	40	39	41	41	42	40	40	42
811	Non-participating	39	38	39	39	40	38	39	40
812	Non-participating	35	35	36	36	37	35	35	37
813	Non-participating	39	39	40	40	41	39	40	41
814	Non-participating	38	37	38	38	40	37	38	40
815	Non-participating	37	36	37	37	38	36	37	38
816	Non-participating	39	38	39	39	40	38	38	41
817	Non-participating	40	39	40	40	42	39	40	42
818	Non-participating	39	38	39	39	41	38	39	41
819	Non-participating	41	40	41	41	42	40	40	43
820	Non-participating	34	34	35	35	36	33	34	36
821	Non-participating	41	41	42	42	43	41	41	43
822	Non-participating	37	37	38	38	39	36	37	39
823	Participating	43	42	44	44	45	43	44	45
824	Non-participating	42	41	43	43	44	42	42	44
825	Non-participating	37	36	37	37	39	36	37	39
826	Non-participating	41	40	41	41	43	41	41	46
827	Non-participating	45	44	46	46	47	45	45	47
828	Non-participating	36	36	37	37	38	35	36	38
829	Non-participating	35	34	35	35	36	34	35	36
830	Non-participating	39	38	39	39	41	38	38	42
831	Non-participating	38	38	39	39	40	38	38	40

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
832	Non-participating	42	41	43	43	44	42	42	44
833	Non-participating	34	33	35	35	36	33	34	36
834	Non-participating	43	42	43	43	44	42	43	44
835	Non-participating	36	35	36	36	37	35	36	37
836	Non-participating	34	33	34	34	36	33	34	36
837	Non-participating	39	38	39	39	40	38	39	40
838	Non-participating	44	43	45	45	46	44	45	46
839	Non-participating	31	30	31	31	33	30	31	33
840	Non-participating	38	37	38	38	40	37	37	40
841	Non-participating	39	38	40	40	41	39	39	41
842	Non-participating	35	34	35	35	37	34	35	37
843	Non-participating	39	38	39	39	40	38	39	40
844	Non-participating	40	39	40	40	42	39	40	42
845	Non-participating	42	41	42	42	44	42	42	44
846	Non-participating	41	40	42	42	43	41	41	43
847	Non-participating	37	36	37	37	39	36	36	39
848	Non-participating	40	39	41	41	42	40	40	42
849	Non-participating	38	37	38	38	39	37	37	39
850	Participating	38	37	38	38	40	37	38	40
851	Non-participating	38	37	38	38	39	37	38	39
852	Non-participating	36	35	36	36	38	35	35	41
853	Non-participating	40	39	41	41	42	40	40	42
854	Non-participating	40	39	41	41	42	40	40	42
855	Non-participating	45	44	46	46	47	45	45	47
856	Non-participating	35	34	35	35	36	34	34	36
857	Non-participating	44	44	45	45	47	44	45	47
858	Non-participating	36	35	36	36	38	35	36	38
859	Non-participating	34	34	35	35	36	33	34	40
860	Participating	44	43	45	45	46	44	45	46
861	Non-participating	42	41	43	43	44	42	43	44
862	Non-participating	39	38	39	39	41	38	39	41
863	Non-participating	40	39	40	40	42	39	40	42
864	Non-participating	42	41	42	42	44	42	42	46
865	Non-participating	39	38	40	40	41	39	39	41
866	Participating	37	36	37	37	39	36	37	39



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
867	Non-participating	33	32	33	33	34	32	32	34
868	Non-participating	40	39	40	40	42	39	40	42
869	Non-participating	42	42	43	43	44	42	43	44
870	Non-participating	44	43	45	45	46	44	44	46
871	Participating	43	43	44	44	45	43	44	45
872	Non-participating	36	36	37	37	38	36	36	44
873	Participating	40	39	40	40	42	39	40	42
874	Non-participating	35	34	35	35	37	34	35	37
875	Non-participating	33	32	33	33	35	32	33	35
876	Non-participating	41	40	41	41	43	40	41	43
877	Non-participating	35	35	36	36	37	34	35	37
878	Participating	36	35	36	36	38	35	36	38
879	Participating	44	43	45	45	46	44	45	46
880	Non-participating	43	43	44	44	45	43	44	45
881	Non-participating	39	38	39	39	41	38	39	41
882	Non-participating	44	43	45	45	46	44	45	46
883	Non-participating	38	38	39	39	40	38	38	41
884	Non-participating	35	34	35	35	36	34	34	36
885	Non-participating	41	40	42	42	43	41	41	43
886	Non-participating	36	35	36	36	37	35	36	37
887	Non-participating	40	39	40	40	42	40	40	42
888	Non-participating	35	34	35	35	36	34	34	36
889	Participating	37	36	37	37	39	36	37	39
890	Non-participating	37	36	37	37	38	36	37	38
891	Non-participating	34	34	35	35	36	33	34	36
892	Non-participating	36	35	36	36	38	35	36	38
893	Non-participating	41	40	41	41	43	41	41	43
894	Non-participating	40	39	40	40	42	40	40	42
895	Non-participating	39	38	40	40	41	39	39	41
896	Non-participating	39	39	40	40	41	39	39	41
897	Non-participating	44	43	44	44	46	44	44	46
898	Non-participating	38	37	39	39	40	37	38	40
899	Non-participating	40	39	41	41	42	40	40	42
900	Non-participating	35	35	36	36	37	34	35	37
901	Non-participating	41	40	41	41	42	40	41	42

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
902	Non-participating	36	36	37	37	38	36	37	38
903	Participating	41	40	42	42	43	41	42	43
904	Non-participating	38	37	38	38	40	37	38	40
905	Non-participating	36	36	37	37	38	35	36	38
906	Non-participating	30	29	30	30	32	29	29	32
907	Non-participating	38	37	38	38	40	37	38	40
908	Non-participating	42	42	43	43	44	42	43	45
909	Non-participating	39	38	39	39	40	38	38	46
910	Non-participating	35	35	36	36	37	34	35	37
911	Participating	41	41	42	42	43	41	41	43
912	Non-participating	39	38	39	39	40	38	38	41
913	Non-participating	34	33	34	34	36	33	34	36
914	Participating	44	43	45	45	46	44	45	46
915	Non-participating	36	35	36	37	38	35	36	38
916	Non-participating	39	38	39	39	41	38	39	41
917	Non-participating	38	37	38	38	39	37	38	39
918	Non-participating	35	34	35	35	37	34	35	37
919	Non-participating	38	38	39	39	40	38	38	40
920	Participating	36	35	36	36	38	35	36	38
921	Non-participating	41	40	42	42	43	41	41	43
922	Non-participating	38	37	38	38	40	37	37	40
923	Participating	44	43	45	45	46	44	44	47
924	Non-participating	37	36	38	38	39	36	37	39
925	Non-participating	41	40	41	41	43	40	41	43
926	Participating	38	38	39	39	40	38	38	40
927	Non-participating	44	43	45	45	46	44	45	46
928	Non-participating	38	37	39	39	40	38	38	40
929	Non-participating	40	39	40	40	42	39	40	42
930	Non-participating	37	36	37	37	38	36	37	38
931	Non-participating	40	39	41	41	42	40	40	42
932	Participating	44	43	44	44	45	43	44	45
933	Non-participating	37	36	37	37	39	36	37	39
934	Non-participating	35	34	35	35	36	34	34	37
935	Non-participating	36	35	36	36	38	35	36	38
936	Non-participating	34	33	34	34	35	33	33	35



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
937	Non-participating	39	38	39	39	40	38	39	41
938	Participating	43	43	44	44	45	43	44	45
939	Non-participating	36	35	36	36	37	35	35	38
940	Participating	46	45	46	46	48	46	46	48
941	Participating	45	45	46	46	47	45	46	47
942	Non-participating	39	38	39	39	40	38	39	40
943	Participating	38	37	39	38	40	38	38	40
944	Non-participating	40	39	40	40	42	39	40	42
945	Non-participating	41	40	41	41	43	41	41	43
946	Non-participating	41	40	41	41	43	40	41	43
947	Non-participating	36	36	37	37	38	35	36	38
948	Participating	44	43	45	45	46	44	44	46
949	Non-participating	39	38	39	39	41	38	39	41
950	Non-participating	38	37	38	38	39	37	38	39
951	Non-participating	43	42	43	43	45	42	43	45
952	Non-participating	36	35	36	36	38	35	36	38
953	Non-participating	34	33	34	34	35	33	34	35
954	Non-participating	36	35	36	36	38	35	36	38
955	Non-participating	38	37	38	38	40	37	38	40
956	Participating	43	43	44	44	45	43	44	45
957	Participating	33	32	33	33	35	32	33	35
958	Participating	39	38	40	40	41	39	39	41
959	Non-participating	35	34	35	35	37	34	34	44
960	Non-participating	37	37	38	38	39	37	37	39
961	Participating	37	36	38	38	39	37	37	39
962	Participating	43	42	43	43	45	42	43	45
963	Non-participating	35	35	36	36	37	35	35	37
964	Non-participating	41	40	41	41	43	40	41	43
965	Non-participating	40	39	40	40	42	39	40	42
966	Non-participating	43	42	43	43	45	42	43	45
967	Non-participating	37	36	37	37	39	36	37	39
968	Non-participating	42	41	42	42	44	42	42	45
969	Non-participating	40	40	41	41	42	40	40	43
970	Non-participating	39	38	39	39	41	39	39	41
971	Participating	39	38	39	39	41	38	39	41

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
972	Non-participating	39	38	40	40	41	39	39	41
973	Non-participating	40	39	41	41	42	40	40	42
974	Non-participating	40	39	40	40	42	40	40	42
975	Non-participating	44	43	45	45	46	44	44	46
976	Non-participating	39	38	39	39	41	38	39	41
977	Non-participating	37	37	38	38	39	37	37	39
978	Non-participating	37	36	37	37	39	36	37	39
979	Non-participating	37	36	38	38	39	37	37	39
980	Non-participating	43	42	44	44	45	43	43	45
981	Non-participating	38	37	39	39	40	38	38	40
982	Non-participating	37	36	37	37	39	36	37	39
983	Non-participating	36	35	36	36	37	35	35	37
984	Non-participating	33	32	33	33	35	32	33	35
985	Non-participating	37	37	38	38	39	37	38	39
986	Non-participating	41	40	41	41	43	41	41	43
987	Non-participating	39	39	40	40	41	39	39	41
988	Non-participating	37	36	37	37	39	36	37	39
989	Non-participating	31	30	32	32	33	30	31	33
990	Non-participating	34	34	35	35	36	34	34	37
991	Non-participating	35	34	35	35	36	33	34	36
992	Non-participating	40	39	41	41	42	40	40	42
993	Non-participating	39	39	40	40	41	38	39	41
994	Non-participating	41	40	41	41	43	40	41	43
995	Non-participating	34	33	34	35	36	33	34	36
996	Non-participating	29	28	29	29	31	28	28	31
997	Non-participating	42	41	43	43	44	42	43	44
998	Participating	46	45	47	47	48	46	47	48
999	Non-participating	43	42	43	43	45	42	43	46
1000	Non-participating	41	40	41	41	43	41	41	43
1001	Non-participating	35	34	35	35	37	34	35	37
1002	Non-participating	36	35	37	37	38	35	36	38
1003	Non-participating	41	40	41	41	43	41	41	43
1004	Non-participating	44	43	44	44	46	44	44	46
1005	Non-participating	41	40	41	41	43	41	41	43
1006	Non-participating	41	40	41	41	43	40	41	43



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1007	Non-participating	37	37	38	38	39	37	37	39
1008	Non-participating	42	41	42	42	44	41	42	44
1009	Non-participating	38	38	39	39	40	38	39	40
1010	Non-participating	39	38	39	39	40	38	39	40
1011	Non-participating	39	38	39	39	41	38	39	41
1012	Non-participating	39	38	40	40	41	39	39	41
1013	Participating	46	45	47	47	48	46	47	49
1014	Non-participating	41	40	42	42	43	41	41	43
1015	Non-participating	31	31	32	32	33	30	31	33
1016	Non-participating	35	34	35	35	37	34	35	37
1017	Non-participating	36	35	36	36	37	35	35	37
1018	Non-participating	40	40	41	41	42	40	40	42
1019	Non-participating	40	39	40	40	42	39	40	42
1020	Non-participating	41	41	42	42	43	41	42	43
1021	Non-participating	38	37	38	38	40	37	38	40
1022	Non-participating	42	41	43	43	44	42	42	44
1023	Non-participating	34	33	34	34	36	33	34	36
1024	Participating	40	39	40	40	42	40	40	42
1025	Non-participating	38	37	38	38	39	37	38	39
1026	Non-participating	31	30	31	31	32	29	30	32
1027	Non-participating	33	32	33	33	35	32	33	35
1028	Non-participating	36	35	36	36	38	35	36	38
1029	Non-participating	38	37	39	39	40	38	38	40
1030	Participating	44	44	45	45	47	45	45	47
1031	Non-participating	38	37	38	38	40	37	38	40
1032	Non-participating	41	40	41	41	43	40	41	43
1033	Non-participating	40	40	41	41	42	40	41	42
1034	Non-participating	35	34	35	35	37	34	35	37
1035	Non-participating	39	38	40	40	41	39	39	41
1036	Non-participating	40	40	41	41	42	40	41	42
1037	Non-participating	35	34	35	35	36	34	34	37
1038	Participating	42	41	42	42	44	41	42	44
1039	Non-participating	36	35	37	37	38	35	36	38
1040	Non-participating	43	42	44	44	45	43	43	45
1041	Non-participating	38	37	38	38	40	37	38	40

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1042	Non-participating	34	33	34	34	35	33	33	35
1043	Participating	46	46	47	47	49	47	47	49
1044	Non-participating	43	42	43	43	45	43	43	45
1045	Participating	44	44	45	45	46	44	45	46
1046	Non-participating	35	34	35	35	36	34	34	36
1047	Non-participating	39	38	39	39	40	38	38	40
1048	Non-participating	42	41	43	43	44	42	42	44
1049	Non-participating	42	41	43	43	44	42	42	44
1050	Non-participating	31	31	32	32	33	30	31	33
1051	Non-participating	34	33	34	34	36	33	34	36
1052	Non-participating	39	38	39	39	41	38	39	41
1053	Non-participating	41	40	41	41	42	41	41	42
1054	Participating	39	38	39	39	41	38	39	41
1055	Non-participating	44	43	45	45	46	44	44	46
1056	Participating	47	46	48	48	49	47	47	49
1057	Non-participating	35	34	35	35	36	34	34	36
1058	Non-participating	37	36	37	37	39	36	37	39
1059	Non-participating	44	43	44	44	46	44	44	46
1060	Non-participating	41	41	42	42	43	41	42	43
1061	Non-participating	36	35	37	37	38	35	36	41
1062	Non-participating	35	34	35	35	36	34	35	36
1063	Non-participating	37	36	37	37	39	36	37	39
1064	Non-participating	34	33	34	34	35	33	33	35
1065	Non-participating	40	39	40	40	42	39	40	42
1066	Non-participating	39	38	39	39	41	38	39	41
1067	Participating	44	43	45	45	46	44	44	46
1068	Non-participating	42	41	42	42	44	42	42	44
1069	Non-participating	34	33	34	34	35	33	33	36
1070	Non-participating	35	34	35	35	37	34	34	37
1071	Non-participating	31	31	32	32	33	30	31	33
1072	Non-participating	40	40	41	41	42	40	41	42
1073	Non-participating	39	39	40	40	41	39	40	41
1074	Non-participating	38	37	38	38	40	37	38	40
1075	Non-participating	41	41	42	42	43	41	41	43
1076	Non-participating	38	38	39	39	40	38	39	40



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1077	Non-participating	39	38	40	40	41	39	39	41
1078	Non-participating	34	33	35	34	36	33	34	36
1079	Non-participating	37	36	37	37	39	36	37	39
1080	Participating	37	37	38	38	39	37	37	39
1081	Non-participating	38	37	38	38	39	37	38	39
1082	Participating	43	43	44	44	45	43	44	46
1083	Non-participating	35	34	35	35	37	34	35	37
1084	Non-participating	36	36	37	37	38	36	36	38
1085	Participating	43	42	44	44	45	43	44	45
1086	Non-participating	36	35	36	36	37	35	35	37
1087	Non-participating	43	42	43	43	45	43	43	45
1088	Non-participating	37	37	38	38	39	37	37	39
1089	Non-participating	38	37	39	39	40	38	38	40
1090	Non-participating	39	38	39	39	41	38	39	41
1091	Non-participating	44	43	45	45	46	44	44	47
1092	Participating	36	35	36	36	37	35	35	38
1093	Non-participating	33	32	33	33	34	31	32	34
1094	Non-participating	40	39	41	41	42	40	40	42
1095	Non-participating	35	34	35	35	37	34	35	37
1096	Participating	45	45	46	46	48	46	46	48
1097	Non-participating	39	38	40	40	41	39	39	41
1098	Participating	44	43	44	44	46	44	44	46
1099	Non-participating	36	35	36	36	38	35	36	38
1100	Participating	36	36	37	37	38	35	36	38
1101	Non-participating	40	39	40	40	42	40	40	42
1102	Non-participating	39	38	40	40	41	39	39	41
1103	Non-participating	43	43	44	44	45	43	44	45
1104	Participating	46	45	47	47	48	46	46	48
1105	Non-participating	42	41	42	42	44	41	42	46
1106	Non-participating	44	43	45	45	46	44	44	46
1107	Non-participating	38	38	39	39	40	38	38	40
1108	Participating	39	38	40	40	41	39	39	41
1109	Non-participating	43	42	44	43	45	43	43	45
1110	Non-participating	39	38	39	39	41	38	39	41
1111	Participating	39	38	40	40	41	39	39	41

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1112	Non-participating	35	34	35	35	36	34	35	36
1113	Non-participating	38	37	38	38	39	37	37	40
1114	Non-participating	42	41	42	42	44	41	42	44
1115	Non-participating	38	38	39	39	40	38	38	40
1116	Non-participating	36	35	36	36	37	34	35	37
1117	Non-participating	43	42	43	43	44	42	43	44
1118	Non-participating	42	41	42	42	44	42	42	44
1119	Non-participating	41	40	41	41	43	41	41	45
1120	Non-participating	37	36	37	37	39	36	37	39
1121	Non-participating	33	32	33	33	35	32	33	35
1122	Non-participating	33	32	33	33	34	32	32	34
1123	Non-participating	37	36	37	37	38	36	37	38
1124	Participating	39	38	39	39	41	38	39	41
1125	Non-participating	40	40	41	41	42	40	41	42
1126	Non-participating	37	36	38	38	39	37	37	39
1127	Non-participating	40	39	40	40	42	39	40	46
1128	Non-participating	36	36	37	37	38	35	36	38
1129	Non-participating	34	33	34	34	36	33	34	36
1130	Non-participating	39	39	40	40	41	39	40	41
1131	Participating	45	44	46	46	47	45	46	47
1132	Non-participating	37	36	38	38	39	36	37	39
1133	Non-participating	38	37	38	38	40	37	38	40
1134	Non-participating	36	36	37	37	38	36	36	38
1135	Non-participating	37	36	37	37	39	36	37	39
1136	Non-participating	44	43	45	45	46	44	44	46
1137	Non-participating	43	43	44	44	46	43	44	47
1138	Non-participating	33	33	34	34	35	33	33	35
1139	Non-participating	39	38	40	40	41	39	39	41
1140	Non-participating	39	38	39	39	41	38	39	41
1141	Non-participating	37	36	37	37	39	36	37	39
1142	Non-participating	35	35	36	36	37	34	35	37
1143	Non-participating	44	43	45	45	46	44	45	46
1144	Non-participating	38	38	39	39	40	38	38	40
1145	Non-participating	36	35	36	36	38	35	36	38
1146	Non-participating	41	41	42	42	43	41	42	43



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1147	Non-participating	36	35	36	36	37	35	36	37
1148	Non-participating	43	42	44	44	45	43	44	45
1149	Non-participating	41	40	41	41	42	40	41	42
1150	Non-participating	35	34	35	35	37	34	35	37
1151	Participating	45	44	46	45	47	45	45	47
1152	Participating	36	35	36	36	37	35	36	37
1153	Non-participating	39	38	39	39	41	39	39	41
1154	Non-participating	37	36	37	37	39	36	37	39
1155	Non-participating	40	40	41	41	42	40	41	42
1156	Non-participating	43	42	43	43	45	42	43	45
1157	Non-participating	36	35	37	36	38	35	36	38
1158	Non-participating	44	43	45	45	46	44	45	46
1159	Non-participating	32	31	32	32	33	31	31	33
1160	Non-participating	35	34	35	35	36	34	35	36
1161	Non-participating	37	36	37	37	39	36	36	39
1162	Participating	40	39	41	40	42	40	40	42
1163	Non-participating	29	28	29	29	31	28	28	31
1164	Non-participating	40	39	41	41	42	40	41	42
1165	Non-participating	33	32	33	33	35	32	32	35
1166	Non-participating	38	38	39	39	40	38	38	40
1167	Non-participating	38	37	38	38	40	37	38	40
1168	Non-participating	34	34	35	35	36	34	34	37
1169	Participating	43	42	44	44	45	43	43	45
1170	Non-participating	35	34	35	35	37	34	35	37
1171	Non-participating	44	43	45	45	46	44	44	46
1172	Non-participating	41	40	42	42	43	41	41	43
1173	Non-participating	41	40	41	41	43	40	41	43
1174	Non-participating	44	43	45	45	46	44	44	46
1175	Non-participating	38	38	39	39	40	38	38	40
1176	Non-participating	35	34	35	35	37	34	35	37
1177	Non-participating	42	42	43	43	45	42	43	46
1178	Non-participating	37	36	37	37	39	36	37	39
1179	Non-participating	46	45	47	47	48	46	47	48
1180	Non-participating	35	34	35	35	36	34	34	37
1181	Non-participating	39	38	40	40	41	39	39	41

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1182	Non-participating	35	34	35	35	37	34	35	37
1183	Participating	43	42	43	43	45	43	43	45
1184	Non-participating	35	34	35	35	37	34	35	37
1185	Non-participating	41	40	42	42	43	41	41	43
1186	Non-participating	41	40	41	41	43	40	41	43
1187	Non-participating	35	34	35	35	36	34	34	36
1188	Non-participating	40	39	40	40	42	39	40	42
1189	Non-participating	38	37	39	39	40	38	38	40
1190	Non-participating	41	41	42	42	43	41	41	45
1191	Non-participating	40	39	41	41	42	40	40	46
1192	Non-participating	34	33	35	35	36	33	34	36
1193	Non-participating	40	40	41	41	42	40	40	42
1194	Non-participating	37	37	38	38	39	37	37	39
1195	Non-participating	40	39	41	41	42	40	40	42
1196	Non-participating	38	38	39	39	40	38	39	40
1197	Non-participating	40	39	40	40	42	39	40	42
1198	Participating	37	37	38	38	39	37	37	39
1199	Non-participating	34	34	35	35	36	34	34	37
1200	Non-participating	37	36	37	37	38	36	37	38
1201	Non-participating	36	35	36	36	37	35	35	37
1202	Non-participating	36	35	36	36	37	35	36	37
1203	Non-participating	44	43	44	44	46	43	44	46
1204	Non-participating	44	44	45	45	46	44	45	46
1205	Non-participating	35	34	35	35	37	34	35	37
1206	Non-participating	36	35	36	36	38	35	36	38
1207	Non-participating	35	34	35	35	36	34	34	37
1208	Non-participating	35	34	35	35	37	34	35	37
1209	Non-participating	34	34	35	35	36	33	34	36
1210	Non-participating	40	39	41	41	42	40	41	42
1211	Participating	43	42	43	43	45	43	43	45
1212	Non-participating	38	37	39	39	40	37	38	40
1213	Non-participating	34	34	35	35	36	33	34	36
1214	Non-participating	34	34	35	35	36	33	34	36
1215	Non-participating	40	39	40	40	42	39	40	42
1216	Non-participating	32	31	32	32	34	31	31	34



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1217	Non-participating	36	35	36	36	37	35	35	37
1218	Non-participating	40	40	41	41	42	40	41	42
1219	Non-participating	40	39	41	41	42	40	40	42
1220	Non-participating	36	35	36	36	38	35	36	38
1221	Non-participating	38	37	38	38	40	37	38	40
1222	Non-participating	30	30	31	30	32	29	30	32
1223	Non-participating	35	34	35	35	36	33	34	37
1224	Non-participating	41	40	42	41	43	41	41	45
1225	Non-participating	38	37	39	39	40	37	38	40
1226	Participating	35	34	36	36	37	35	35	37
1227	Non-participating	34	33	35	34	36	33	34	36
1228	Participating	45	45	46	46	48	46	46	48
1229	Participating	43	42	43	43	45	42	43	45
1230	Non-participating	37	37	38	38	39	36	37	39
1231	Participating	45	44	46	46	47	45	46	47
1232	Non-participating	34	33	34	34	35	33	34	35
1233	Participating	36	35	36	36	37	35	35	37
1234	Participating	39	38	40	39	41	39	39	41
1235	Non-participating	37	36	37	37	39	36	37	39
1236	Participating	44	44	45	45	47	45	45	47
1237	Participating	44	43	45	45	46	44	45	46
1238	Non-participating	40	39	40	40	42	39	40	42
1239	Non-participating	42	42	43	43	45	42	43	45
1240	Participating	45	44	45	45	47	45	45	47
1241	Participating	39	38	39	39	40	38	39	40
1242	Non-participating	42	41	43	43	44	42	43	44
1243	Non-participating	33	32	33	33	35	32	33	36
1244	Participating	38	37	39	39	40	37	38	40
1245	Non-participating	39	38	39	39	41	38	39	41
1246	Non-participating	36	35	36	36	38	35	36	38
1247	Non-participating	32	31	32	32	34	31	31	34
1248	Non-participating	39	38	39	39	41	38	39	41
1249	Non-participating	38	37	38	38	39	37	37	40
1250	Non-participating	35	34	36	36	37	34	35	37
1251	Non-participating	33	32	34	33	35	32	33	35

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1252	Non-participating	38	38	39	39	40	38	38	40
1253	Non-participating	41	40	42	42	43	41	41	43
1254	Participating	39	38	39	39	41	38	39	41
1255	Non-participating	34	33	34	34	36	33	34	36
1256	Non-participating	34	33	34	34	35	33	34	35
1257	Non-participating	39	38	40	40	41	39	39	41
1258	Non-participating	37	36	37	37	39	36	37	39
1259	Non-participating	39	38	39	39	40	38	38	41
1260	Non-participating	40	40	41	41	43	40	41	43
1261	Participating	35	34	35	35	36	34	34	36
1262	Non-participating	35	35	36	36	37	35	35	37
1263	Non-participating	37	36	37	37	39	36	37	39
1264	Non-participating	42	42	43	43	44	42	42	45
1265	Participating	43	42	44	44	45	43	44	45
1266	Non-participating	41	40	42	42	43	41	41	43
1267	Non-participating	39	38	40	40	41	39	39	41
1268	Non-participating	37	36	38	38	39	37	37	39
1269	Participating	44	43	45	45	46	44	44	46
1270	Non-participating	37	36	37	37	38	36	36	39
1271	Non-participating	44	43	44	44	46	44	44	46
1272	Non-participating	36	36	37	37	38	36	36	38
1273	Non-participating	38	37	38	38	40	37	38	40
1274	Non-participating	34	34	35	35	36	34	34	37
1275	Non-participating	34	34	35	35	36	33	34	36
1276	Non-participating	40	39	40	40	42	39	40	42
1277	Non-participating	40	39	41	41	42	40	41	42
1278	Non-participating	38	37	38	38	40	37	38	40
1279	Non-participating	39	38	39	39	41	38	39	41
1280	Non-participating	38	37	39	39	40	38	38	40
1281	Participating	36	36	37	37	38	36	36	38
1282	Non-participating	42	41	42	42	44	41	42	44
1283	Non-participating	40	39	41	41	42	40	40	42
1284	Participating	40	39	40	40	41	39	40	41
1285	Participating	42	41	42	42	44	42	42	44
1286	Participating	38	37	38	38	40	37	38	40



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1287	Non-participating	35	34	35	35	36	34	35	36
1288	Non-participating	37	37	38	38	39	37	37	39
1289	Non-participating	38	37	38	38	39	37	37	39
1290	Non-participating	40	39	40	40	42	39	40	42
1291	Non-participating	32	31	33	32	34	31	32	34
1292	Participating	38	37	38	38	40	37	38	40
1293	Non-participating	34	34	35	35	36	33	34	36
1294	Participating	37	36	37	37	38	36	36	39
1295	Participating	37	36	37	37	39	36	37	39
1296	Participating	36	35	36	36	37	35	35	37
1297	Non-participating	36	35	37	37	38	36	36	38
1298	Non-participating	34	33	34	34	35	33	33	35
1299	Non-participating	37	36	37	37	38	36	37	38
1300	Participating	43	42	44	44	45	43	43	45
1301	Participating	45	44	46	46	47	45	46	47
1302	Non-participating	40	39	41	41	42	40	41	42
1303	Participating	39	39	40	40	41	39	39	41
1304	Non-participating	36	36	37	37	38	35	36	38
1305	Non-participating	42	41	42	42	44	42	42	44
1306	Non-participating	44	43	45	45	46	44	44	46
1307	Non-participating	36	36	37	37	38	35	36	38
1308	Non-participating	41	40	41	41	42	40	41	42
1309	Non-participating	43	43	44	44	45	43	43	46
1310	Non-participating	41	40	41	41	43	40	41	43
1311	Non-participating	36	35	37	37	38	36	36	38
1312	Non-participating	39	38	40	40	41	39	39	41
1313	Non-participating	38	37	38	38	40	37	38	40
1314	Non-participating	44	43	44	44	45	43	44	45
1315	Non-participating	40	39	40	40	42	40	40	42
1316	Non-participating	34	33	34	34	36	33	34	36
1317	Non-participating	40	39	40	40	41	39	40	41
1318	Non-participating	38	37	38	38	40	37	37	42
1319	Non-participating	42	41	43	42	44	42	42	46
1320	Non-participating	35	34	35	35	37	34	35	37
1321	Non-participating	39	38	39	39	40	38	38	40

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1322	Non-participating	37	36	37	37	38	36	36	38
1323	Non-participating	37	36	37	37	38	36	37	38
1324	Participating	41	40	42	42	43	41	41	43
1325	Non-participating	38	38	39	39	40	38	39	40
1326	Non-participating	34	33	34	34	36	33	34	36
1327	Non-participating	33	32	33	33	34	32	32	34
1328	Non-participating	38	37	38	38	40	37	38	40
1329	Participating	44	44	44	44	44	44	44	44
1330	Non-participating	39	39	40	40	41	39	40	41
1331	Participating	45	45	46	46	48	46	46	48
1332	Non-participating	36	35	36	36	37	35	36	37
1333	Non-participating	33	32	33	33	34	32	32	34
1334	Non-participating	40	39	40	40	42	40	40	42
1335	Non-participating	38	37	38	38	40	37	38	40
1336	Non-participating	34	33	35	35	36	33	34	39
1337	Non-participating	35	34	35	35	36	34	34	36
1338	Non-participating	38	37	39	39	40	38	38	40
1339	Non-participating	37	37	38	38	39	37	37	39
1340	Non-participating	35	35	36	36	37	34	35	37
1341	Non-participating	41	41	42	42	43	41	42	43
1342	Non-participating	32	31	32	32	33	31	31	33
1343	Non-participating	42	41	43	43	44	42	42	44
1344	Non-participating	42	41	42	42	44	42	42	44
1345	Non-participating	37	36	37	37	38	36	36	39
1346	Non-participating	35	34	35	35	37	34	34	37
1347	Non-participating	36	35	36	36	38	35	35	38
1348	Non-participating	39	39	40	40	41	39	39	41
1349	Participating	36	35	36	36	38	35	35	38
1350	Non-participating	44	43	45	44	46	44	44	46
1351	Non-participating	37	36	37	37	39	36	37	39
1352	Non-participating	37	36	37	37	39	36	37	39
1353	Non-participating	39	38	39	39	40	38	39	40
1354	Participating	37	37	38	38	39	37	37	39
1355	Non-participating	42	41	43	43	44	42	42	44
1356	Non-participating	41	40	41	41	43	41	41	43



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1357	Non-participating	36	35	36	36	38	35	36	38
1358	Non-participating	42	41	42	42	44	41	42	44
1359	Non-participating	37	36	38	37	39	36	37	39
1360	Non-participating	39	38	40	40	41	39	39	41
1361	Non-participating	39	38	39	39	41	39	39	41
1362	Non-participating	44	43	44	44	46	44	44	46
1363	Non-participating	37	36	37	37	38	36	36	39
1364	Non-participating	45	44	46	46	47	45	45	47
1365	Non-participating	31	30	31	31	32	30	30	32
1366	Non-participating	44	43	45	45	46	44	45	46
1367	Non-participating	34	33	34	34	36	33	34	36
1368	Non-participating	36	35	36	36	37	34	35	37
1369	Non-participating	35	34	35	35	37	34	35	37
1370	Non-participating	35	34	35	35	37	34	35	37
1371	Non-participating	44	43	44	44	46	44	44	46
1372	Non-participating	41	40	42	42	43	41	41	43
1373	Participating	35	34	35	35	37	34	35	37
1374	Non-participating	37	36	37	37	38	36	36	43
1375	Non-participating	46	45	47	47	48	46	47	48
1376	Non-participating	35	34	35	35	37	34	35	37
1377	Non-participating	43	42	44	44	45	43	43	45
1378	Non-participating	35	34	35	35	37	34	35	37
1379	Non-participating	38	37	38	38	40	37	37	40
1380	Non-participating	42	41	42	42	44	42	42	44
1381	Non-participating	36	35	36	36	37	35	36	37
1382	Non-participating	29	28	29	29	31	28	29	31
1383	Non-participating	40	39	40	40	42	39	40	42
1384	Non-participating	40	40	41	41	42	40	40	42
1385	Non-participating	44	43	44	44	46	43	44	46
1386	Participating	37	36	38	38	39	37	37	39
1387	Non-participating	39	39	40	40	41	39	39	41
1388	Non-participating	35	34	35	35	36	34	34	37
1389	Non-participating	43	42	43	43	45	43	43	45
1390	Non-participating	39	38	40	40	41	39	39	41
1391	Non-participating	34	33	34	34	36	33	34	36

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1392	Participating	37	36	37	37	38	36	37	38
1393	Non-participating	32	31	32	32	34	31	32	34
1394	Non-participating	36	36	37	37	38	35	36	38
1395	Non-participating	41	41	42	42	43	41	41	45
1396	Non-participating	43	42	44	44	45	43	43	45
1397	Non-participating	37	36	37	37	39	36	36	39
1398	Non-participating	36	35	37	37	38	35	36	39
1399	Non-participating	37	36	37	37	39	36	37	39
1400	Non-participating	38	38	39	39	40	38	38	40
1401	Non-participating	35	34	35	35	36	34	34	36
1402	Non-participating	35	34	36	35	37	34	35	37
1403	Participating	36	35	36	36	38	35	36	38
1404	Non-participating	38	37	38	38	39	37	38	39
1405	Non-participating	36	35	36	36	37	35	36	37
1406	Participating	45	44	46	46	47	45	46	47
1407	Non-participating	35	34	35	35	36	34	34	36
1408	Non-participating	39	39	40	40	41	39	39	41
1409	Participating	38	37	38	38	39	37	38	39
1410	Non-participating	42	41	43	43	44	42	42	44
1411	Non-participating	41	40	41	41	43	41	41	43
1412	Non-participating	36	35	36	36	38	35	36	38
1413	Participating	36	35	36	36	38	35	36	38
1414	Non-participating	37	36	38	38	39	36	37	39
1415	Non-participating	38	38	39	39	40	38	38	40
1416	Non-participating	35	34	35	35	36	34	35	36
1417	Non-participating	35	35	36	36	37	35	35	38
1418	Non-participating	41	40	42	42	43	41	42	43
1419	Non-participating	32	31	32	32	34	31	31	34
1420	Participating	40	40	41	41	42	40	40	42
1421	Non-participating	38	37	38	38	40	37	37	40
1422	Non-participating	43	42	44	44	45	43	43	45
1423	Non-participating	38	37	38	38	40	37	38	40
1424	Participating	38	38	39	39	40	38	38	40
1425	Non-participating	40	39	40	40	41	39	39	41
1426	Non-participating	42	41	42	42	44	42	42	44



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1427	Non-participating	34	34	35	35	36	33	34	36
1428	Non-participating	39	38	39	39	41	38	39	41
1429	Non-participating	36	35	37	37	38	35	36	38
1430	Non-participating	42	41	43	42	44	42	42	44
1431	Participating	44	43	45	45	46	44	45	46
1432	Non-participating	35	35	36	36	37	35	35	37
1433	Non-participating	40	39	40	40	42	39	40	42
1434	Non-participating	41	40	42	42	43	41	41	43
1435	Non-participating	38	38	39	39	40	38	39	40
1436	Participating	39	38	39	39	40	38	39	40
1437	Non-participating	40	39	40	40	42	39	40	42
1438	Non-participating	42	41	43	43	44	42	42	44
1439	Non-participating	38	37	38	38	40	37	37	40
1440	Non-participating	33	32	33	33	35	32	33	36
1441	Participating	41	40	41	41	43	41	41	43
1442	Participating	42	42	43	43	45	42	43	45
1443	Non-participating	35	35	36	36	37	35	35	37
1444	Non-participating	37	37	38	38	39	36	37	39
1445	Participating	46	45	47	47	48	46	47	48
1446	Non-participating	42	42	43	43	44	42	42	44
1447	Non-participating	31	30	31	31	33	30	31	33
1448	Non-participating	34	33	34	34	36	33	34	36
1449	Non-participating	38	37	39	39	40	37	38	40
1450	Non-participating	35	34	35	35	37	34	34	37
1451	Non-participating	39	38	39	39	41	38	39	41
1452	Participating	40	39	41	41	42	40	40	42
1453	Non-participating	36	35	36	37	38	35	36	38
1454	Non-participating	35	34	35	35	37	34	35	37
1455	Non-participating	39	39	40	40	41	39	39	41
1456	Non-participating	44	43	45	44	46	44	44	46
1457	Non-participating	39	38	40	40	41	39	39	41
1458	Non-participating	42	41	42	42	44	42	42	44
1459	Non-participating	41	40	41	41	43	40	41	43
1460	Non-participating	39	38	39	39	41	38	39	41
1461	Non-participating	42	41	43	43	44	42	42	44

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1462	Non-participating	41	40	41	41	43	40	41	43
1463	Non-participating	41	41	42	42	43	41	41	43
1464	Non-participating	31	30	31	31	32	29	30	32
1465	Non-participating	34	33	34	34	36	33	34	36
1466	Non-participating	38	37	38	38	39	37	37	40
1467	Non-participating	39	38	39	39	41	38	39	41
1468	Participating	43	42	44	44	45	43	44	45
1469	Non-participating	35	34	35	35	37	34	35	37
1470	Non-participating	42	41	42	42	44	41	42	44
1471	Participating	54	54	54	54	54	54	54	54
1472	Participating	43	43	44	44	45	43	44	45
1473	Non-participating	46	45	47	47	48	46	46	48
1474	Non-participating	35	34	35	35	36	34	34	36
1475	Non-participating	36	35	37	37	38	36	36	38
1476	Non-participating	36	35	37	36	38	35	36	38
1477	Non-participating	38	37	38	38	39	37	38	39
1478	Participating	43	42	44	44	45	43	44	45
1479	Non-participating	31	30	32	32	33	30	31	33
1480	Non-participating	36	35	37	37	38	36	36	39
1481	Non-participating	35	34	36	36	37	35	35	37
1482	Non-participating	38	37	38	38	40	37	38	40
1483	Non-participating	40	39	40	40	41	39	40	41
1484	Non-participating	41	40	42	42	43	41	41	43
1485	Non-participating	34	34	35	35	36	33	34	37
1486	Non-participating	40	39	41	41	42	40	40	42
1487	Non-participating	34	33	34	34	36	33	34	36
1488	Participating	42	41	42	42	44	41	42	44
1489	Non-participating	32	32	33	33	34	31	32	34
1490	Non-participating	39	38	40	40	41	39	39	41
1491	Non-participating	39	39	40	40	41	39	40	41
1492	Non-participating	41	40	41	41	43	41	41	43
1493	Non-participating	44	43	44	44	46	43	44	46
1494	Participating	38	38	39	39	40	38	38	41
1495	Participating	45	45	46	46	48	46	46	48
1496	Non-participating	36	36	37	37	38	36	36	44



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1497	Non-participating	43	42	44	44	45	43	44	45
1498	Non-participating	35	35	36	36	37	35	35	37
1499	Non-participating	36	35	36	36	37	35	35	37
1500	Non-participating	35	34	35	35	36	34	34	37
1501	Participating	45	44	45	45	47	45	45	47
1502	Non-participating	34	34	35	35	36	33	34	36
1503	Non-participating	33	32	33	33	35	32	33	35
1504	Non-participating	41	40	42	41	43	41	41	43
1505	Non-participating	44	44	45	45	46	44	45	46
1506	Non-participating	30	30	31	31	32	29	30	32
1507	Non-participating	44	43	45	45	46	44	44	46
1508	Non-participating	37	36	38	37	39	36	37	39
1509	Non-participating	42	41	42	42	44	42	42	44
1510	Non-participating	43	42	43	43	45	42	43	45
1511	Non-participating	36	35	36	36	37	35	36	37
1512	Non-participating	34	34	35	35	36	34	34	36
1513	Non-participating	32	31	33	33	34	31	32	34
1514	Non-participating	35	35	36	36	37	34	35	37
1515	Non-participating	44	43	44	44	46	43	44	46
1516	Non-participating	34	33	34	34	36	33	34	36
1517	Participating	39	38	39	39	40	38	39	40
1518	Participating	44	43	44	44	46	44	44	46
1519	Participating	40	39	40	40	42	40	40	42
1520	Non-participating	36	36	37	37	38	36	36	38
1521	Non-participating	35	35	36	36	37	34	35	37
1522	Non-participating	34	34	35	35	36	33	34	36
1523	Non-participating	38	37	38	38	40	37	38	40
1524	Non-participating	40	39	41	40	42	40	40	42
1525	Non-participating	38	37	38	38	39	37	38	39
1526	Participating	45	44	46	46	47	45	46	47
1527	Non-participating	42	41	42	42	44	41	42	44
1528	Non-participating	37	37	38	38	39	37	37	39
1529	Non-participating	41	41	42	42	43	41	42	43
1530	Non-participating	35	34	35	35	37	34	35	37
1531	Participating	43	42	44	43	45	43	43	45

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1532	Participating	44	43	45	45	46	44	44	46
1533	Non-participating	41	40	41	41	42	40	40	42
1534	Non-participating	38	38	39	39	40	38	39	40
1535	Non-participating	37	36	38	38	39	37	37	39
1536	Non-participating	35	35	36	36	37	34	35	37
1537	Non-participating	35	35	36	36	37	34	35	37
1538	Participating	46	46	47	47	48	46	47	48
1539	Non-participating	40	39	40	40	42	39	40	42
1540	Non-participating	39	38	40	40	41	39	39	41
1541	Non-participating	44	43	44	44	46	44	44	46
1542	Non-participating	40	39	40	40	42	40	40	42
1543	Non-participating	39	38	39	39	40	38	38	40
1544	Non-participating	35	34	35	35	36	33	34	36
1545	Non-participating	41	40	41	41	42	40	41	42
1546	Non-participating	39	38	39	39	41	39	39	41
1547	Non-participating	35	34	35	35	37	34	34	37
1548	Non-participating	40	39	40	40	41	39	40	41
1549	Participating	46	45	46	46	48	46	46	48
1550	Non-participating	39	38	39	39	41	38	39	41
1551	Non-participating	42	41	43	43	44	42	42	44
1552	Participating	45	44	46	46	47	45	45	47
1553	Non-participating	38	37	38	38	40	37	38	40
1554	Participating	42	41	42	42	44	42	42	44
1555	Non-participating	35	34	35	35	37	34	35	37
1556	Non-participating	36	36	37	37	38	35	36	38
1557	Non-participating	36	35	36	36	38	35	36	38
1558	Non-participating	37	36	37	37	39	36	37	39
1559	Non-participating	39	38	39	39	40	38	39	40
1560	Non-participating	34	33	34	34	36	33	33	39
1561	Non-participating	35	34	35	35	36	34	34	37
1562	Non-participating	40	39	41	41	42	40	40	42
1563	Non-participating	32	31	32	32	34	31	32	34
1564	Non-participating	39	39	40	40	41	39	39	41
1565	Non-participating	32	31	32	32	34	31	32	34
1566	Non-participating	37	36	37	37	38	35	36	38



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1567	Participating	44	43	45	44	46	44	44	46
1568	Participating	43	42	44	44	45	43	43	45
1569	Non-participating	37	36	38	38	39	36	37	39
1570	Participating	43	42	43	43	45	43	43	45
1571	Non-participating	37	36	38	38	39	36	37	39
1572	Non-participating	36	35	36	36	38	35	36	38
1573	Non-participating	38	37	38	38	40	37	38	40
1574	Non-participating	35	34	35	35	36	34	34	44
1575	Non-participating	42	41	43	43	44	42	43	44
1576	Non-participating	36	35	36	36	38	35	36	38
1577	Non-participating	40	39	41	41	42	40	40	42
1578	Non-participating	39	38	39	39	40	38	39	40
1579	Non-participating	38	38	39	39	40	38	38	40
1580	Non-participating	41	40	41	41	43	40	41	43
1581	Non-participating	32	31	32	34	34	31	32	34
1582	Non-participating	35	35	36	36	37	34	35	37
1583	Non-participating	44	44	45	45	46	44	45	46
1584	Non-participating	36	35	36	36	38	35	36	38
1585	Non-participating	43	43	44	44	45	43	44	45
1586	Non-participating	41	40	41	41	43	40	41	46
1587	Non-participating	42	41	43	43	44	42	42	44
1588	Non-participating	40	39	40	40	42	39	40	42
1589	Non-participating	37	36	37	37	39	36	37	39
1590	Non-participating	37	36	37	37	39	36	36	39
1591	Non-participating	44	43	45	45	46	44	45	46
1592	Non-participating	42	41	43	43	44	42	42	45
1593	Non-participating	38	37	38	38	40	37	38	40
1594	Non-participating	39	38	39	39	41	38	39	41
1595	Non-participating	40	39	40	40	42	40	40	44
1596	Non-participating	35	34	35	35	37	34	35	37
1597	Non-participating	36	35	36	36	37	35	36	37
1598	Non-participating	37	36	37	37	38	36	37	38
1599	Participating	37	36	38	37	39	36	37	39
1600	Non-participating	33	32	33	33	35	32	32	35
1601	Non-participating	40	39	40	40	41	39	39	41

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1602	Non-participating	45	44	45	45	47	45	45	47
1603	Participating	44	43	44	44	46	44	44	46
1604	Non-participating	34	33	34	34	36	33	34	36
1605	Non-participating	35	35	36	36	37	35	35	37
1606	Non-participating	41	40	42	42	43	41	41	43
1607	Non-participating	45	45	46	46	47	45	46	47
1608	Non-participating	34	33	34	34	36	33	34	38
1609	Non-participating	37	36	37	37	39	36	37	39
1610	Non-participating	37	36	37	37	39	36	37	39
1611	Participating	36	35	37	36	38	35	36	38
1612	Non-participating	36	35	37	37	38	35	36	38
1613	Non-participating	39	38	40	39	41	39	39	41
1614	Non-participating	42	41	43	43	44	42	42	44
1615	Non-participating	37	36	37	37	38	36	37	38
1616	Non-participating	39	38	39	39	41	38	39	41
1617	Non-participating	38	38	39	39	40	38	38	40
1618	Non-participating	40	39	41	41	42	40	41	42
1619	Non-participating	37	36	38	38	39	37	37	39
1620	Non-participating	42	41	43	43	44	42	42	44
1621	Non-participating	36	35	36	36	37	35	36	37
1622	Non-participating	42	41	43	43	44	42	43	44
1623	Participating	34	33	35	34	36	33	34	36
1624	Non-participating	40	40	41	41	42	40	41	42
1625	Non-participating	38	38	39	39	40	38	38	41
1626	Non-participating	35	34	35	35	37	34	35	37
1627	Non-participating	38	37	38	38	40	37	38	40
1628	Non-participating	38	37	38	38	39	37	38	39
1629	Non-participating	41	40	41	41	43	40	41	43
1630	Non-participating	36	35	36	36	38	35	36	38
1631	Non-participating	42	41	42	42	44	42	42	44
1632	Non-participating	34	33	35	34	36	33	34	36
1633	Non-participating	35	34	35	35	37	34	35	37
1634	Non-participating	38	37	38	38	40	37	38	40
1635	Participating	39	38	40	39	41	38	39	41
1636	Non-participating	39	38	39	39	40	38	38	40



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1637	Non-participating	41	40	41	41	43	40	41	43
1638	Non-participating	38	38	39	39	40	38	38	41
1639	Participating	41	40	41	41	43	40	41	43
1640	Participating	38	37	38	38	39	37	38	39
1641	Non-participating	39	38	40	39	41	38	39	41
1642	Non-participating	36	35	37	36	38	35	36	38
1643	Non-participating	41	40	41	41	42	41	41	42
1644	Participating	31	30	31	31	32	29	30	32
1645	Non-participating	35	34	35	35	37	34	34	37
1646	Non-participating	35	34	35	35	36	34	34	37
1647	Non-participating	37	36	37	37	38	36	36	39
1648	Non-participating	43	42	43	43	45	43	43	45
1649	Non-participating	36	35	36	36	37	35	36	37
1650	Non-participating	38	37	39	39	40	38	38	40
1651	Non-participating	39	38	39	39	41	38	39	41
1652	Non-participating	38	38	39	39	40	38	39	40
1653	Participating	46	46	47	47	48	46	47	48
1654	Non-participating	37	36	37	37	38	36	37	38
1655	Non-participating	34	33	34	34	35	33	33	35
1656	Non-participating	41	40	41	41	42	40	40	43
1657	Non-participating	36	35	36	36	37	35	36	37
1658	Non-participating	34	33	34	34	36	33	34	37
1659	Non-participating	35	35	36	36	37	34	35	37
1660	Non-participating	36	36	37	37	38	35	36	38
1661	Non-participating	40	39	41	41	42	40	41	42
1662	Participating	40	40	41	41	42	40	41	42
1663	Participating	39	38	40	40	41	39	39	41
1664	Participating	34	34	35	35	36	34	34	36
1665	Non-participating	41	40	41	41	42	40	41	42
1666	Participating	44	43	44	44	46	43	44	46
1667	Non-participating	36	36	37	37	38	35	36	38
1668	Non-participating	32	32	33	33	34	31	32	34
1669	Non-participating	34	34	35	35	36	33	34	36
1670	Non-participating	35	35	36	36	37	34	35	37
1671	Non-participating	40	39	41	41	42	40	40	42

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1672	Participating	43	42	43	43	45	43	43	45
1673	Non-participating	39	39	40	40	41	39	39	41
1674	Non-participating	42	42	43	43	44	42	42	45
1675	Participating	31	30	31	31	33	30	31	34
1676	Participating	34	33	35	34	36	33	34	36
1677	Participating	32	31	33	33	34	31	32	34
1678	Participating	29	28	29	29	31	28	29	31
1679	Participating	34	33	34	34	36	33	34	36
1680	Participating	32	31	32	32	33	30	31	33
1681	Participating	31	30	31	31	33	30	30	34
1682	Participating	33	32	33	33	34	32	33	34
1683	Participating	30	29	30	30	32	29	29	34
1684	Participating	30	29	30	30	31	28	29	32
1685	Participating	36	35	36	36	38	35	36	38
1686	Participating	31	30	31	31	33	30	31	34
1687	Participating	35	34	35	35	36	34	34	37
1688	Participating	33	32	33	33	35	32	32	36
1689	Participating	34	33	34	34	36	33	34	36
1690	Participating	31	30	31	31	32	29	30	32
1691	Participating	28	27	28	28	30	27	28	30
1692	Participating	35	34	35	35	36	34	34	37
1693	Participating	36	35	36	36	37	35	35	38
1694	Participating	33	32	33	33	35	32	32	35
1695	Participating	35	34	35	35	36	34	35	36
1696	Participating	32	31	32	32	33	31	31	33
1697	Participating	32	31	32	32	34	31	32	34
1698	Participating	32	31	32	32	34	31	32	34
1699	Participating	30	29	30	30	31	28	29	32
1700	Participating	31	30	31	31	32	30	30	34
1701	Participating	31	30	31	31	33	30	31	33
1702	Participating	33	32	33	33	35	32	33	35
1703	Participating	34	34	35	35	36	33	34	36
1704	Participating	28	27	28	28	30	27	27	32
1705	Participating	34	33	34	34	36	33	34	36
1706	Non-participating	30	29	30	30	32	29	29	40



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1707	Non-participating	33	32	33	33	35	32	33	35
1708	Non-participating	30	30	31	31	32	29	30	32
1709	Non-participating	36	35	36	36	38	35	36	38
1710	Non-participating	32	31	32	32	34	31	32	34
1711	Non-participating	31	30	31	31	33	29	30	37
1712	Non-participating	27	26	27	27	29	26	27	29
1713	Non-participating	32	31	32	32	33	31	31	38
1714	Non-participating	34	33	34	34	36	33	34	36
1715	Non-participating	34	33	34	34	35	33	33	35
1716	Non-participating	32	32	33	33	34	31	32	34
1717	Non-participating	32	31	32	32	33	31	31	36
1718	Non-participating	33	32	33	33	35	32	33	36
1719	Non-participating	31	30	31	31	33	30	30	33
1720	Non-participating	30	29	30	30	32	29	29	32
1721	Non-participating	34	34	35	35	36	33	34	36
1722	Non-participating	30	29	30	30	31	28	29	31
1723	Non-participating	33	32	33	33	34	31	32	34
1724	Non-participating	32	31	32	32	34	31	32	34
1725	Non-participating	32	31	32	32	33	30	31	46
1726	Non-participating	29	28	29	29	31	27	28	31
1727	Non-participating	33	33	34	33	35	32	33	36
1728	Non-participating	36	35	36	36	38	35	36	38
1729	Non-participating	34	33	34	35	36	33	34	36
1730	Non-participating	24	23	25	24	26	23	24	27
1731	Non-participating	28	27	28	28	30	27	28	30
1732	Non-participating	31	30	31	31	33	30	30	34
1733	Non-participating	34	33	34	34	36	33	34	36
1734	Non-participating	26	25	26	27	27	24	25	27
1735	Non-participating	35	34	35	35	36	33	34	36
1736	Non-participating	33	32	33	33	35	32	32	37
1737	Non-participating	33	32	34	34	35	32	33	39
1738	Non-participating	31	31	32	32	33	30	31	36
1739	Non-participating	34	33	34	34	35	33	33	35
1740	Non-participating	31	30	31	31	33	30	31	33
1741	Non-participating	31	31	32	32	33	30	31	44

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1742	Non-participating	32	32	33	33	34	31	32	34
1743	Non-participating	30	29	30	30	31	28	29	31
1744	Non-participating	33	33	34	34	35	32	33	35
1745	Non-participating	32	31	32	32	33	30	31	33
1746	Non-participating	35	35	36	36	37	34	35	37
1747	Non-participating	31	30	31	31	32	29	30	32
1748	Non-participating	33	32	33	33	35	32	33	35
1749	Non-participating	33	33	34	34	35	32	33	35
1750	Non-participating	31	30	31	31	33	30	30	43
1751	Non-participating	32	31	32	32	34	31	31	44
1752	Non-participating	28	28	29	29	30	27	28	30
1753	Non-participating	32	32	33	33	34	31	32	37
1754	Non-participating	31	30	31	31	32	29	30	32
1755	Non-participating	33	32	33	33	35	32	32	35
1756	Non-participating	31	30	31	31	33	30	30	43
1757	Non-participating	33	32	33	33	35	32	32	46
1758	Non-participating	30	29	30	30	31	28	29	33
1759	Non-participating	33	32	33	33	34	31	32	37
1760	Non-participating	31	30	31	31	33	30	30	36
1761	Non-participating	35	34	35	35	37	34	35	37
1762	Non-participating	30	30	31	31	32	29	30	46
1763	Non-participating	29	28	29	29	30	27	28	33
1764	Non-participating	37	36	37	37	38	36	37	38
1765	Non-participating	32	31	32	32	34	31	31	36
1766	Non-participating	33	32	33	33	35	32	33	35
1767	Non-participating	33	32	33	33	35	32	33	35
1768	Non-participating	29	28	29	29	31	28	28	31
1769	Non-participating	32	31	32	32	34	31	32	34
1770	Non-participating	35	34	35	35	36	33	34	36
1771	Non-participating	30	30	31	31	32	29	30	32
1772	Non-participating	32	31	32	32	33	30	31	33
1773	Non-participating	32	31	32	32	34	31	31	36
1774	Non-participating	33	32	33	33	34	32	32	34
1775	Non-participating	33	32	33	33	34	31	32	34
1776	Non-participating	32	32	33	33	34	31	32	34



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1777	Non-participating	31	30	31	31	33	30	30	36
1778	Non-participating	34	33	34	34	36	33	34	36
1779	Non-participating	35	35	36	36	37	34	35	37
1780	Non-participating	32	31	32	32	33	30	31	44
1781	Non-participating	33	32	33	33	34	31	32	37
1782	Non-participating	34	33	34	34	35	32	33	36
1783	Non-participating	34	33	34	34	36	33	34	37
1784	Non-participating	35	34	35	35	37	34	35	37
1785	Non-participating	32	31	32	32	34	31	32	34
1786	Non-participating	34	33	34	34	36	33	34	36
1787	Non-participating	30	29	30	30	32	29	29	34
1788	Non-participating	32	31	32	32	34	31	32	34
1789	Non-participating	34	34	35	35	36	33	34	36
1790	Non-participating	36	35	36	36	37	35	35	38
1791	Non-participating	33	32	33	33	34	31	32	34
1792	Non-participating	33	32	33	33	35	32	32	36
1793	Non-participating	31	30	31	31	33	30	30	44
1794	Non-participating	30	30	31	31	32	29	30	32
1795	Non-participating	36	36	37	37	38	36	36	39
1796	Non-participating	33	32	34	33	35	32	33	39
1797	Non-participating	31	31	32	32	33	30	31	35
1798	Non-participating	32	31	32	32	34	31	31	45
1799	Non-participating	32	31	32	32	34	31	32	34
1800	Non-participating	31	30	31	31	32	30	30	34
1801	Non-participating	32	31	33	32	34	31	32	35
1802	Non-participating	32	31	32	32	34	31	32	34
1803	Non-participating	28	28	29	29	30	27	28	30
1804	Non-participating	34	33	34	34	36	33	34	36
1805	Non-participating	31	30	31	31	33	30	31	33
1806	Non-participating	34	34	35	35	36	33	34	36
1807	Non-participating	29	28	29	29	31	28	28	34
1808	Non-participating	29	28	29	29	30	27	28	30
1809	Non-participating	32	31	32	32	34	31	32	34
1810	Non-participating	34	34	35	35	36	33	34	36
1811	Non-participating	35	34	35	35	37	34	34	37

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1812	Non-participating	33	32	33	33	35	32	33	36
1813	Non-participating	32	32	33	33	34	31	32	34
1814	Non-participating	30	29	31	31	32	29	30	32
1815	Non-participating	34	33	34	34	35	33	33	35
1816	Non-participating	32	31	32	32	33	30	31	33
1817	Non-participating	32	31	32	32	33	30	31	36
1818	Non-participating	32	31	32	32	34	31	32	34
1819	Non-participating	31	30	32	31	33	30	30	44
1820	Non-participating	31	30	31	31	33	30	30	36
1821	Non-participating	33	32	33	33	34	32	32	37
1822	Non-participating	28	27	28	28	30	27	28	30
1823	Non-participating	34	33	34	34	36	33	34	37
1824	Non-participating	35	34	35	35	36	33	34	38
1825	Non-participating	31	30	31	31	33	30	30	36
1826	Non-participating	31	30	31	31	33	30	31	33
1827	Non-participating	30	29	30	30	32	29	30	32
1828	Non-participating	32	31	32	32	33	30	31	37
1829	Non-participating	33	32	33	33	35	32	33	35
1830	Non-participating	35	34	35	35	36	34	34	37
1831	Non-participating	33	32	33	33	35	32	33	35
1832	Non-participating	34	33	35	35	36	33	34	36
1833	Non-participating	33	32	33	33	35	32	33	35
1834	Non-participating	24	23	24	24	26	23	23	28
1835	Non-participating	32	31	32	32	34	31	31	45
1836	Non-participating	34	34	35	35	36	33	34	36
1837	Non-participating	31	31	32	32	33	30	31	33
1838	Non-participating	27	26	27	28	29	26	27	29
1839	Non-participating	28	28	29	28	30	27	28	30
1840	Non-participating	33	32	33	33	34	32	32	34
1841	Non-participating	37	36	37	37	38	36	36	39
1842	Non-participating	30	29	30	30	32	29	30	32
1843	Non-participating	33	33	34	33	35	32	33	36
1844	Non-participating	30	29	30	30	32	29	29	32
1845	Non-participating	35	34	35	35	37	34	35	37
1846	Non-participating	31	31	32	32	33	30	31	44



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1847	Non-participating	29	29	30	30	31	28	29	33
1848	Non-participating	33	32	33	33	35	32	33	35
1849	Non-participating	30	30	31	31	32	29	30	32
1850	Non-participating	33	33	34	34	35	32	33	35
1851	Non-participating	29	28	30	29	31	28	29	31
1852	Non-participating	30	29	30	30	32	29	30	32
1853	Non-participating	36	35	36	36	38	35	36	38
1854	Non-participating	31	30	31	31	32	29	30	32
1855	Non-participating	33	32	33	33	34	32	32	34
1856	Non-participating	31	30	31	31	32	29	30	36
1857	Non-participating	34	33	34	34	36	33	33	46
1858	Non-participating	32	31	32	32	33	31	31	44
1859	Non-participating	31	30	31	31	33	30	30	34
1860	Non-participating	31	30	31	31	32	30	30	32
1861	Non-participating	33	32	33	33	35	32	33	35
1862	Non-participating	35	34	35	35	37	34	35	37
1863	Non-participating	36	35	36	36	37	35	35	38
1864	Non-participating	30	29	30	30	32	29	30	32
1865	Non-participating	30	29	30	30	32	29	30	32
1866	Non-participating	32	31	32	32	34	31	32	34
1867	Non-participating	32	31	32	32	34	31	32	34
1868	Non-participating	32	31	32	32	34	31	31	34
1869	Non-participating	29	28	29	29	31	28	28	31
1870	Non-participating	28	28	29	29	30	27	28	33
1871	Non-participating	35	34	35	35	37	34	35	37
1872	Non-participating	35	34	36	36	37	34	35	37
1873	Non-participating	32	32	33	33	34	31	32	35
1874	Non-participating	31	30	31	31	32	29	30	32
1875	Non-participating	31	30	32	32	33	30	31	33
1876	Non-participating	36	35	36	36	38	35	36	38
1877	Non-participating	30	30	31	31	32	29	30	32
1878	Non-participating	32	31	32	32	34	31	31	34
1879	Non-participating	33	33	34	34	35	32	33	35
1880	Non-participating	35	35	36	36	37	34	35	38
1881	Non-participating	33	32	33	33	35	32	32	38

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1882	Non-participating	34	33	34	34	36	33	34	36
1883	Non-participating	32	31	32	32	33	31	31	44
1884	Non-participating	32	31	32	32	33	30	31	44
1885	Non-participating	32	31	32	32	33	31	31	46
1886	Non-participating	31	30	31	31	33	30	30	33
1887	Non-participating	36	35	36	36	38	35	35	38
1888	Non-participating	34	33	34	34	35	33	33	39
1889	Non-participating	27	26	27	27	29	26	27	29
1890	Non-participating	29	28	29	29	31	28	29	31
1891	Non-participating	26	25	26	26	28	25	25	31
1892	Non-participating	32	31	32	33	34	31	32	37
1893	Non-participating	33	32	33	33	34	32	32	34
1894	Non-participating	30	29	30	31	32	29	30	32
1895	Non-participating	33	32	33	33	35	32	33	35
1896	Non-participating	33	33	34	34	35	32	33	35
1897	Non-participating	31	31	32	32	33	30	31	44
1898	Non-participating	33	32	33	33	34	32	32	34
1899	Non-participating	35	34	35	35	37	34	35	37
1900	Non-participating	32	31	32	32	34	31	32	34
1901	Non-participating	30	29	30	30	31	29	29	31
1902	Non-participating	30	29	30	30	32	29	30	32
1903	Non-participating	31	30	31	31	33	30	30	36
1904	Non-participating	30	29	30	30	31	28	29	31
1905	Non-participating	32	31	32	32	33	30	31	33
1906	Non-participating	36	35	36	36	38	35	36	38
1907	Non-participating	32	31	32	32	34	31	32	34
1908	Non-participating	28	27	28	28	30	27	28	30
1909	Non-participating	34	33	35	35	36	33	34	36
1910	Non-participating	29	28	29	29	31	28	28	34
1911	Non-participating	31	30	31	31	33	30	30	37
1912	Non-participating	33	32	33	33	35	32	32	37
1913	Non-participating	32	31	33	32	34	31	32	35
1914	Non-participating	34	33	34	34	35	32	33	36
1915	Non-participating	34	33	35	35	36	33	34	36
1916	Non-participating	34	33	34	34	36	33	33	36



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1917	Non-participating	33	33	34	34	35	32	33	35
1918	Non-participating	33	32	33	33	35	32	33	35
1919	Non-participating	33	32	33	33	35	32	33	35
1920	Non-participating	34	34	35	35	36	33	34	36
1921	Non-participating	32	31	32	32	34	31	32	34
1922	Non-participating	31	30	31	31	32	29	30	32
1923	Non-participating	31	30	31	31	33	30	31	34
1924	Non-participating	32	31	32	32	34	31	31	36
1925	Non-participating	32	31	32	32	33	30	31	37
1926	Non-participating	33	33	34	34	35	32	33	35
1927	Non-participating	33	32	33	33	35	32	32	35
1928	Non-participating	31	30	31	31	33	30	31	33
1929	Non-participating	31	30	31	31	33	30	31	33
1930	Non-participating	33	33	34	34	35	32	33	35
1931	Non-participating	31	30	31	31	33	30	31	33
1932	Non-participating	27	26	27	27	29	26	27	29
1933	Non-participating	32	31	32	32	33	31	32	34
1934	Non-participating	31	30	31	31	33	30	30	36
1935	Non-participating	31	30	31	31	33	30	30	37
1936	Non-participating	33	32	33	33	35	32	33	35
1937	Non-participating	31	30	31	31	33	30	30	43
1938	Non-participating	31	30	31	31	33	30	30	45
1939	Non-participating	31	30	31	31	33	30	31	33
1940	Non-participating	35	34	35	35	36	33	34	36
1941	Non-participating	31	31	32	32	33	30	31	33
1942	Non-participating	32	31	32	32	34	31	31	46
1943	Non-participating	35	34	35	35	37	34	35	37
1944	Non-participating	33	32	33	33	35	32	32	38
1945	Non-participating	32	31	32	32	34	31	31	36
1946	Non-participating	33	32	33	33	35	32	33	35
1947	Non-participating	27	26	27	27	29	26	26	29
1948	Non-participating	31	30	31	31	33	30	30	43
1949	Non-participating	31	30	31	31	33	30	31	33
1950	Non-participating	26	25	26	26	28	25	25	30
1951	Non-participating	31	30	31	31	33	30	31	38

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1952	Non-participating	35	34	35	35	36	34	34	38
1953	Non-participating	36	35	37	36	38	35	36	38
1954	Non-participating	32	31	32	32	34	31	32	34
1955	Non-participating	27	26	27	27	28	25	26	28
1956	Non-participating	28	27	28	28	29	26	27	32
1957	Non-participating	31	30	31	31	32	29	30	32
1958	Non-participating	30	29	31	31	32	29	29	46
1959	Non-participating	29	28	30	30	31	28	29	33
1960	Non-participating	35	34	35	35	37	34	35	37
1961	Non-participating	26	25	26	26	28	25	26	32
1962	Non-participating	28	27	28	28	30	27	28	30
1963	Non-participating	30	29	30	30	32	29	30	32
1964	Non-participating	32	31	32	32	34	31	31	46
1965	Non-participating	35	34	35	35	37	34	34	37
1966	Non-participating	34	34	35	35	36	33	34	36
1967	Non-participating	34	34	35	35	36	33	34	36
1968	Non-participating	34	33	34	34	36	33	33	37
1969	Non-participating	33	32	33	33	35	32	32	36
1970	Non-participating	34	33	34	34	36	33	33	36
1971	Non-participating	34	33	34	34	36	33	34	36
1972	Non-participating	31	31	32	32	33	30	31	43
1973	Non-participating	31	30	31	31	33	30	31	34
1974	Non-participating	29	28	29	29	31	28	29	33
1975	Non-participating	28	28	29	29	30	27	28	30
1976	Non-participating	31	30	31	31	33	30	30	34
1977	Non-participating	30	29	30	30	31	28	29	31
1978	Non-participating	31	31	32	32	33	30	31	36
1979	Non-participating	36	35	36	36	38	35	36	38
1980	Non-participating	35	34	35	35	37	34	35	37
1981	Non-participating	32	32	33	33	34	31	32	34
1982	Non-participating	32	31	32	32	33	30	31	33
1983	Non-participating	30	29	30	30	32	29	30	32
1984	Non-participating	29	28	29	29	31	28	28	34
1985	Non-participating	35	34	35	35	36	34	34	36
1986	Non-participating	31	30	31	31	32	30	30	32



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
1987	Non-participating	33	33	34	34	35	32	33	37
1988	Non-participating	32	31	32	32	33	30	31	36
1989	Non-participating	32	31	32	32	33	31	31	33
1990	Non-participating	29	28	29	29	31	27	28	33
1991	Non-participating	32	31	32	32	33	30	31	36
1992	Non-participating	32	31	32	32	34	31	32	34
1993	Non-participating	34	33	35	35	36	33	34	36
1994	Non-participating	31	30	31	31	33	30	31	33
1995	Non-participating	32	31	32	32	33	30	31	44
1996	Non-participating	33	32	33	33	34	32	32	34
1997	Non-participating	34	33	34	34	36	33	34	36
1998	Non-participating	34	33	34	34	36	33	33	38
1999	Non-participating	31	30	31	31	33	30	31	33
2000	Non-participating	30	30	31	31	32	29	30	34
2001	Non-participating	31	31	32	32	33	30	31	36
2002	Non-participating	31	30	31	31	33	30	31	33
2003	Non-participating	33	32	33	33	35	32	33	35
2004	Non-participating	32	31	32	32	34	31	32	34
2005	Non-participating	34	34	35	35	36	33	34	36
2006	Non-participating	32	31	32	32	33	30	31	33
2007	Non-participating	32	31	32	32	34	31	31	45
2008	Non-participating	30	30	31	31	32	29	30	46
2009	Non-participating	35	34	35	35	36	34	34	37
2010	Non-participating	31	30	31	31	33	30	30	34
2011	Non-participating	32	31	32	33	34	31	32	35
2012	Non-participating	30	30	31	31	32	29	30	32
2013	Non-participating	35	34	35	35	37	34	35	37
2014	Non-participating	35	34	36	35	37	34	35	37
2015	Non-participating	30	29	30	30	31	28	29	31
2016	Non-participating	35	34	35	35	37	34	35	37
2017	Non-participating	32	31	32	32	33	31	32	33
2018	Non-participating	33	32	33	33	34	32	33	34
2019	Non-participating	32	31	32	32	33	30	31	44
2020	Non-participating	32	31	32	32	34	31	31	45
2021	Non-participating	25	24	26	25	27	24	25	29

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2022	Non-participating	34	34	35	35	36	33	34	36
2023	Non-participating	33	33	34	34	35	32	33	39
2024	Non-participating	31	30	32	31	33	30	31	33
2025	Non-participating	34	33	34	34	35	33	33	36
2026	Non-participating	31	30	31	31	33	30	31	33
2027	Non-participating	27	26	27	27	28	25	26	29
2028	Non-participating	33	32	33	33	34	31	32	35
2029	Non-participating	32	32	33	33	34	31	32	36
2030	Non-participating	33	32	33	33	35	32	32	36
2031	Non-participating	28	27	28	28	30	26	27	30
2032	Non-participating	35	34	35	35	37	34	34	37
2033	Non-participating	35	34	35	35	37	34	34	37
2034	Non-participating	35	34	35	35	36	34	35	36
2035	Non-participating	31	30	31	31	32	29	30	32
2036	Non-participating	30	29	30	30	32	29	29	32
2037	Non-participating	32	31	32	32	33	30	31	44
2038	Non-participating	26	25	26	26	28	24	25	29
2039	Non-participating	34	33	34	34	35	33	33	36
2040	Non-participating	33	32	33	33	35	32	33	35
2041	Non-participating	36	35	36	36	37	35	36	38
2042	Non-participating	27	26	27	27	29	25	26	29
2043	Non-participating	32	31	32	32	33	31	31	33
2044	Non-participating	32	31	32	32	33	30	31	36
2045	Non-participating	31	30	31	31	33	30	30	37
2046	Non-participating	31	30	31	31	32	29	30	32
2047	Non-participating	33	32	33	33	35	32	33	35
2048	Non-participating	32	31	32	32	34	31	31	45
2049	Non-participating	36	35	36	36	38	35	36	38
2050	Non-participating	26	26	27	27	28	25	26	28
2051	Non-participating	31	30	31	31	32	29	30	32
2052	Non-participating	31	30	31	31	33	30	30	33
2053	Non-participating	37	36	37	37	39	36	37	39
2054	Non-participating	33	32	33	33	34	31	32	34
2055	Non-participating	33	32	33	33	34	32	32	34
2056	Non-participating	30	29	30	30	32	29	30	32



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2057	Non-participating	30	29	30	30	32	29	29	34
2058	Non-participating	32	32	33	33	34	31	32	34
2059	Non-participating	26	25	26	27	28	25	26	28
2060	Non-participating	34	33	34	34	36	33	33	39
2061	Non-participating	25	24	25	25	27	24	24	29
2062	Non-participating	32	31	32	32	34	31	31	46
2063	Non-participating	30	29	30	30	31	28	29	31
2064	Non-participating	32	31	32	32	34	31	31	43
2065	Non-participating	33	33	34	33	35	32	33	35
2066	Non-participating	34	33	34	34	35	32	33	36
2067	Non-participating	34	33	34	34	35	33	33	46
2068	Non-participating	34	33	34	34	36	33	34	36
2069	Non-participating	34	33	34	34	36	33	34	36
2070	Non-participating	29	28	29	29	31	28	29	31
2071	Non-participating	32	31	32	32	34	31	31	45
2072	Non-participating	32	32	33	33	34	31	32	35
2073	Non-participating	25	25	26	25	27	24	25	29
2074	Non-participating	33	33	34	34	35	32	33	35
2075	Non-participating	33	33	34	34	35	32	33	35
2076	Non-participating	30	29	30	30	32	29	29	32
2077	Non-participating	33	32	34	33	35	32	33	39
2078	Non-participating	31	30	31	31	33	30	30	36
2079	Non-participating	31	30	31	31	33	30	30	36
2080	Non-participating	32	31	32	32	34	31	32	34
2081	Non-participating	30	30	30	31	32	29	30	32
2082	Non-participating	30	29	30	30	32	29	30	32
2083	Non-participating	30	29	30	30	32	29	30	34
2084	Non-participating	31	30	31	31	33	30	30	36
2085	Non-participating	31	30	31	31	32	29	30	32
2086	Non-participating	34	33	34	34	36	33	34	36
2087	Non-participating	32	31	32	32	33	31	31	44
2088	Non-participating	26	25	26	26	28	25	25	31
2089	Non-participating	31	30	31	31	33	30	31	36
2090	Non-participating	36	36	37	37	38	35	36	38
2091	Non-participating	34	33	34	34	35	32	33	37

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2092	Non-participating	33	32	34	33	35	32	33	35
2093	Non-participating	35	34	35	35	37	34	35	37
2094	Non-participating	30	30	31	31	32	29	30	32
2095	Non-participating	28	27	28	28	30	27	27	34
2096	Non-participating	31	30	31	31	33	30	30	37
2097	Non-participating	33	33	34	34	35	32	33	36
2098	Non-participating	34	33	34	34	36	33	34	36
2099	Non-participating	33	32	33	33	34	31	32	34
2100	Non-participating	32	31	32	32	33	31	32	33
2101	Non-participating	32	31	32	32	33	30	31	37
2102	Non-participating	33	32	33	33	34	32	32	34
2103	Non-participating	35	35	36	36	37	34	35	38
2104	Non-participating	36	35	36	36	38	35	36	38
2105	Non-participating	31	30	31	31	33	30	31	33
2106	Non-participating	26	25	26	26	28	25	25	30
2107	Non-participating	36	35	36	36	38	35	36	38
2108	Non-participating	33	33	34	33	35	32	33	35
2109	Non-participating	33	32	34	34	35	32	33	42
2110	Non-participating	31	31	32	32	33	30	31	38
2111	Non-participating	32	31	32	32	34	31	31	36
2112	Non-participating	31	30	31	31	33	30	31	33
2113	Non-participating	32	31	32	32	33	30	31	44
2114	Non-participating	27	26	27	27	29	26	26	29
2115	Non-participating	31	30	31	31	33	30	30	44
2116	Non-participating	33	32	33	33	34	31	32	34
2117	Non-participating	32	31	33	32	34	31	31	46
2118	Non-participating	35	34	35	35	37	34	35	37
2119	Non-participating	31	30	31	31	33	30	31	33
2120	Non-participating	30	29	30	30	31	28	29	31
2121	Non-participating	32	31	32	32	34	31	32	34
2122	Non-participating	35	34	35	35	37	34	35	37
2123	Non-participating	34	33	34	34	36	33	34	36
2124	Non-participating	26	25	26	26	28	25	25	32
2125	Non-participating	31	31	32	32	33	30	31	36
2126	Non-participating	33	32	33	33	35	32	33	35



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2127	Non-participating	30	30	31	31	32	29	30	32
2128	Non-participating	26	25	26	26	28	25	26	28
2129	Non-participating	35	34	35	35	37	34	35	37
2130	Non-participating	35	34	35	35	36	33	34	37
2131	Non-participating	31	30	32	31	33	30	31	37
2132	Non-participating	33	32	33	33	35	32	32	36
2133	Non-participating	30	29	30	30	32	28	29	32
2134	Non-participating	28	27	28	28	30	27	28	30
2135	Non-participating	32	31	32	32	34	31	31	34
2136	Non-participating	32	31	32	32	33	31	31	44
2137	Non-participating	31	30	32	31	33	30	31	34
2138	Non-participating	35	34	35	35	36	34	34	37
2139	Non-participating	31	30	31	31	33	30	30	36
2140	Non-participating	32	31	32	32	33	30	31	33
2141	Non-participating	27	26	27	27	29	26	27	29
2142	Non-participating	32	31	32	32	33	30	31	36
2143	Non-participating	31	30	31	31	33	30	31	33
2144	Non-participating	32	31	32	32	33	30	31	33
2145	Non-participating	28	27	28	28	30	27	28	30
2146	Non-participating	32	32	33	33	34	31	32	34
2147	Non-participating	36	35	36	36	37	35	35	37
2148	Non-participating	33	32	33	33	35	32	33	37
2149	Non-participating	32	31	32	32	34	31	32	34
2150	Non-participating	34	33	34	34	36	33	33	38
2151	Non-participating	32	31	32	32	33	30	31	37
2152	Non-participating	32	31	32	32	33	31	31	33
2153	Non-participating	24	23	24	24	26	23	24	28
2154	Non-participating	29	29	30	29	31	28	29	31
2155	Non-participating	28	27	28	28	30	27	28	30
2156	Non-participating	32	31	32	32	33	30	31	44
2157	Non-participating	34	33	34	34	36	33	33	37
2158	Non-participating	34	34	35	35	36	33	34	36
2159	Non-participating	33	33	34	34	35	33	33	35
2160	Non-participating	34	33	34	34	36	33	34	36
2161	Non-participating	31	31	32	32	33	30	31	33

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2162	Non-participating	35	34	35	35	37	34	35	37
2163	Non-participating	32	32	33	33	34	31	32	34
2164	Non-participating	31	30	31	31	33	30	30	43
2165	Non-participating	33	32	33	33	34	32	32	45
2166	Non-participating	29	29	30	30	31	28	29	33
2167	Non-participating	35	34	35	35	37	34	35	37
2168	Non-participating	33	32	34	33	35	32	33	35
2169	Non-participating	32	31	32	32	33	30	31	36
2170	Non-participating	33	32	33	33	35	32	33	35
2171	Non-participating	36	35	37	36	38	35	36	39
2172	Non-participating	36	35	37	36	38	35	36	39
2173	Non-participating	32	31	32	32	33	31	31	33
2174	Non-participating	31	31	32	32	33	30	31	43
2175	Non-participating	35	35	36	36	37	35	35	37
2176	Non-participating	31	30	31	31	33	30	31	33
2177	Non-participating	30	29	30	31	32	29	30	32
2178	Non-participating	31	30	31	31	33	30	31	34
2179	Non-participating	33	32	33	33	35	32	32	38
2180	Non-participating	33	32	33	33	35	32	33	36
2181	Non-participating	32	31	32	32	34	31	32	34
2182	Non-participating	33	32	33	33	35	32	32	35
2183	Non-participating	33	32	33	33	35	32	33	35
2184	Non-participating	29	29	30	30	31	28	29	31
2185	Non-participating	32	31	32	32	33	30	31	44
2186	Non-participating	33	32	33	33	35	32	33	35
2187	Non-participating	32	31	32	32	34	31	31	36
2188	Non-participating	32	31	32	32	33	31	31	33
2189	Non-participating	30	29	30	30	32	29	30	32
2190	Non-participating	34	33	34	34	36	33	34	36
2191	Non-participating	32	32	33	33	34	31	32	35
2192	Non-participating	25	24	26	25	27	24	25	29
2193	Non-participating	33	32	33	33	34	32	33	34
2194	Non-participating	34	34	35	35	36	33	34	36
2195	Non-participating	31	31	32	32	33	30	31	45
2196	Non-participating	34	33	34	34	35	32	33	35



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2197	Non-participating	32	31	32	32	33	30	31	33
2198	Non-participating	29	28	29	29	31	28	29	31
2199	Non-participating	29	29	30	30	31	28	29	31
2200	Non-participating	35	34	35	35	37	34	35	37
2201	Non-participating	32	31	32	32	33	31	31	44
2202	Non-participating	28	28	29	29	30	27	28	33
2203	Non-participating	33	32	33	33	35	32	33	36
2204	Non-participating	30	29	30	30	31	28	29	31
2205	Non-participating	30	29	30	30	32	29	30	32
2206	Non-participating	30	29	30	30	32	29	30	32
2207	Non-participating	32	31	32	32	34	31	32	34
2208	Non-participating	35	35	36	36	37	34	35	37
2209	Non-participating	33	32	33	33	34	31	32	34
2210	Non-participating	31	30	31	31	32	29	30	33
2211	Non-participating	32	31	32	32	33	31	31	33
2212	Non-participating	32	31	32	32	34	31	32	34
2213	Non-participating	36	35	37	37	38	35	36	38
2214	Non-participating	32	32	33	33	34	31	32	38
2215	Non-participating	32	31	32	32	34	31	31	36
2216	Non-participating	33	32	33	33	35	32	32	35
2217	Non-participating	32	31	32	32	34	31	32	34
2218	Non-participating	31	30	31	31	33	30	30	44
2219	Non-participating	34	33	34	34	36	33	34	36
2220	Non-participating	36	35	36	36	38	35	36	38
2221	Non-participating	31	31	32	32	33	30	31	36
2222	Non-participating	30	29	30	30	32	29	30	32
2223	Non-participating	32	31	32	32	33	31	31	34
2224	Non-participating	29	28	29	29	30	27	28	34
2225	Non-participating	34	34	35	35	36	33	34	36
2226	Non-participating	30	29	30	30	31	29	29	31
2227	Non-participating	31	30	31	31	33	30	30	44
2228	Non-participating	34	33	34	34	36	33	34	36
2229	Non-participating	34	33	34	34	35	33	33	35
2230	Non-participating	34	33	35	35	36	33	34	36
2231	Non-participating	29	28	29	29	31	28	28	31

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2232	Non-participating	32	31	32	32	34	31	32	34
2233	Non-participating	28	27	28	28	30	27	28	30
2234	Non-participating	33	32	33	33	35	32	32	37
2235	Non-participating	33	32	33	34	35	32	33	35
2236	Non-participating	33	33	34	34	35	32	33	35
2237	Non-participating	34	33	34	34	36	33	34	36
2238	Non-participating	28	27	28	28	30	27	27	30
2239	Non-participating	33	32	33	33	35	32	32	36
2240	Non-participating	31	30	31	31	33	30	31	33
2241	Non-participating	34	34	35	35	36	33	34	36
2242	Non-participating	33	32	33	33	35	32	33	35
2243	Non-participating	33	32	33	33	34	32	32	45
2244	Non-participating	31	30	32	31	33	30	30	43
2245	Non-participating	31	30	31	31	33	30	31	33
2246	Non-participating	29	28	29	29	31	28	29	31
2247	Non-participating	25	25	26	26	27	24	25	29
2248	Non-participating	25	25	26	26	27	24	25	32
2249	Non-participating	32	31	32	32	34	31	31	36
2250	Non-participating	33	32	33	33	35	32	33	35
2251	Non-participating	32	31	32	32	34	31	31	36
2252	Non-participating	36	35	36	36	38	35	35	38
2253	Non-participating	31	30	31	31	33	30	31	36
2254	Non-participating	29	28	29	29	30	28	28	30
2255	Non-participating	33	32	33	33	34	31	32	37
2256	Non-participating	32	32	33	33	34	31	32	34
2257	Non-participating	28	28	29	29	30	27	28	30
2258	Non-participating	31	31	32	32	33	30	31	44
2259	Non-participating	28	28	29	29	30	27	28	33
2260	Non-participating	33	32	33	33	35	32	33	35
2261	Non-participating	35	34	35	35	36	34	34	36
2262	Non-participating	35	34	35	35	37	34	35	37
2263	Non-participating	35	34	35	35	36	34	34	37
2264	Non-participating	33	32	33	33	35	32	33	35
2265	Non-participating	33	32	33	33	34	31	32	35
2266	Non-participating	32	31	32	32	33	30	31	36



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2267	Non-participating	33	32	34	33	35	32	33	36
2268	Non-participating	32	31	32	32	34	31	32	35
2269	Non-participating	33	32	33	33	34	31	32	34
2270	Non-participating	31	30	31	31	33	30	31	33
2271	Non-participating	30	29	30	30	32	29	29	34
2272	Non-participating	31	30	31	31	33	30	30	37
2273	Non-participating	31	30	31	31	33	30	30	36
2274	Non-participating	27	26	27	29	29	26	27	29
2275	Non-participating	30	29	30	30	32	29	29	32
2276	Non-participating	32	31	32	32	34	31	32	34
2277	Non-participating	29	28	29	29	31	28	28	33
2278	Non-participating	35	34	35	35	37	34	35	37
2279	Non-participating	31	30	31	31	33	30	31	34
2280	Non-participating	33	32	33	33	34	32	33	34
2281	Non-participating	33	32	33	33	34	31	32	34
2282	Non-participating	32	31	32	32	34	31	32	34
2283	Non-participating	31	30	31	31	33	30	30	43
2284	Non-participating	31	31	32	32	33	30	31	33
2285	Non-participating	30	30	31	31	32	29	30	32
2286	Non-participating	31	30	31	31	33	30	31	33
2287	Non-participating	31	30	31	31	33	30	30	36
2288	Non-participating	30	30	31	30	32	29	30	32
2289	Non-participating	34	33	34	34	35	33	33	36
2290	Non-participating	31	31	32	32	33	30	31	33
2291	Non-participating	33	33	34	34	35	32	33	35
2292	Non-participating	32	31	32	32	34	31	32	34
2293	Non-participating	32	31	32	32	34	31	32	34
2294	Non-participating	30	29	30	30	32	29	30	32
2295	Non-participating	26	25	26	26	28	24	25	29
2296	Non-participating	33	32	33	33	34	31	32	35
2297	Non-participating	32	31	32	32	34	31	32	35
2298	Non-participating	32	31	32	32	34	31	32	34
2299	Non-participating	31	31	32	32	33	30	31	37
2300	Non-participating	35	34	35	35	36	34	34	37
2301	Non-participating	34	34	35	35	36	34	34	36

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2302	Non-participating	36	36	37	37	38	36	36	39
2303	Non-participating	36	35	36	36	37	35	36	37
2304	Non-participating	31	30	31	31	33	30	30	44
2305	Non-participating	24	23	24	24	26	23	24	27
2306	Non-participating	33	32	33	33	35	32	33	35
2307	Non-participating	32	31	32	32	33	30	31	33
2308	Non-participating	36	35	37	37	38	35	36	38
2309	Non-participating	32	31	32	32	34	31	32	34
2310	Non-participating	35	34	35	35	37	34	35	37
2311	Non-participating	34	34	35	35	36	33	34	36
2312	Non-participating	31	30	31	31	33	30	30	37
2313	Non-participating	31	30	31	31	32	29	30	32
2314	Non-participating	33	33	34	34	35	32	33	35
2315	Non-participating	32	31	33	32	34	31	31	43
2316	Non-participating	30	30	31	31	32	29	30	46
2317	Non-participating	29	29	30	30	31	28	29	33
2318	Non-participating	31	30	31	31	33	30	30	36
2319	Non-participating	33	33	34	34	35	33	33	35
2320	Non-participating	33	32	33	33	34	32	32	36
2321	Non-participating	30	29	30	30	32	29	29	40
2322	Non-participating	33	32	33	33	35	32	32	46
2323	Non-participating	29	28	29	29	31	27	28	33
2324	Non-participating	30	30	31	31	32	29	30	32
2325	Non-participating	26	26	27	27	28	25	26	29
2326	Non-participating	32	31	32	32	34	31	31	36
2327	Non-participating	32	31	32	32	34	31	31	36
2328	Non-participating	31	30	31	31	33	30	31	33
2329	Non-participating	31	31	32	32	33	30	31	45
2330	Non-participating	33	32	33	33	35	32	33	35
2331	Non-participating	30	29	30	30	32	29	30	34
2332	Non-participating	33	32	33	33	35	32	33	35
2333	Non-participating	31	31	32	32	33	30	31	33
2334	Non-participating	32	31	32	32	34	31	32	34
2335	Non-participating	35	34	35	35	37	34	34	37
2336	Non-participating	33	33	34	34	35	32	33	39



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2337	Non-participating	34	33	35	35	36	33	34	37
2338	Non-participating	33	32	33	33	34	32	33	34
2339	Non-participating	29	28	29	29	31	28	28	34
2340	Non-participating	32	32	33	33	34	31	32	36
2341	Non-participating	32	31	32	32	33	31	31	33
2342	Non-participating	27	27	28	28	29	26	27	29
2343	Non-participating	29	28	29	29	31	28	28	33
2344	Non-participating	32	31	32	32	33	30	31	37
2345	Non-participating	36	36	37	37	38	36	36	38
2346	Non-participating	35	34	35	35	37	34	35	37
2347	Non-participating	30	29	30	31	32	29	29	46
2348	Non-participating	32	31	32	32	33	31	31	33
2349	Non-participating	32	31	33	33	34	31	32	34
2350	Non-participating	31	31	32	32	33	30	31	33
2351	Non-participating	33	32	33	33	34	31	32	34
2352	Non-participating	27	27	29	29	29	27	27	29
2353	Non-participating	36	35	36	36	38	35	36	38
2354	Non-participating	31	30	31	31	33	30	31	33
2355	Non-participating	32	31	32	32	34	31	32	34
2356	Non-participating	32	31	32	32	33	31	31	46
2357	Non-participating	30	29	30	30	32	29	30	32
2358	Non-participating	28	27	28	28	30	27	27	30
2359	Non-participating	33	33	34	34	35	32	33	35
2360	Non-participating	29	29	30	29	31	28	29	31
2361	Non-participating	32	32	33	33	34	31	32	34
2362	Non-participating	29	28	29	29	31	28	29	31
2363	Non-participating	31	30	31	31	32	29	30	32
2364	Non-participating	32	31	32	32	33	31	31	35
2365	Non-participating	30	30	31	31	32	29	30	34
2366	Non-participating	31	30	32	31	33	30	31	33
2367	Non-participating	29	28	29	29	31	28	28	31
2368	Non-participating	35	34	35	35	37	34	35	37
2369	Non-participating	25	24	25	25	26	23	24	27
2370	Non-participating	31	30	31	31	33	30	31	33
2371	Non-participating	35	34	35	35	37	34	35	37

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2372	Non-participating	33	32	33	33	35	32	32	38
2373	Non-participating	32	31	32	32	33	30	31	33
2374	Non-participating	32	31	32	32	33	30	31	38
2375	Non-participating	31	30	31	31	32	30	30	32
2376	Non-participating	31	30	31	31	33	30	31	33
2377	Non-participating	28	27	28	28	29	26	27	33
2378	Non-participating	31	31	32	32	33	30	31	33
2379	Non-participating	31	30	31	31	32	29	30	32
2380	Non-participating	34	33	34	34	36	33	33	39
2381	Non-participating	33	32	33	33	35	32	32	38
2382	Non-participating	34	33	34	34	36	33	34	36
2383	Non-participating	33	33	34	34	35	32	33	35
2384	Non-participating	32	31	32	32	33	31	31	44
2385	Non-participating	31	30	31	31	32	29	30	32
2386	Non-participating	33	32	33	33	34	32	32	35
2387	Non-participating	31	31	32	32	33	30	31	33
2388	Non-participating	36	35	36	36	38	35	36	38
2389	Non-participating	32	31	32	32	34	31	31	36
2390	Non-participating	35	34	35	35	37	34	34	37
2391	Non-participating	32	31	32	32	33	30	31	44
2392	Non-participating	36	35	36	36	38	35	36	38
2393	Non-participating	35	34	35	35	37	34	35	38
2394	Non-participating	32	31	32	32	34	31	32	34
2395	Non-participating	31	30	31	31	33	30	31	34
2396	Non-participating	29	28	30	30	31	28	29	31
2397	Non-participating	30	29	30	30	31	29	29	31
2398	Non-participating	29	28	29	29	31	28	29	31
2399	Non-participating	31	31	32	31	33	30	31	37
2400	Non-participating	32	32	33	33	34	31	32	37
2401	Non-participating	31	31	32	32	33	30	31	33
2402	Non-participating	31	30	31	31	33	30	30	44
2403	Non-participating	30	29	31	30	32	29	30	34
2404	Non-participating	32	31	32	32	34	31	32	34
2405	Non-participating	32	31	32	32	34	31	31	45
2406	Non-participating	32	31	32	32	33	30	31	44



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2407	Non-participating	35	35	35	35	37	34	35	37
2408	Non-participating	27	26	27	28	29	26	27	29
2409	Non-participating	34	33	34	34	36	33	33	36
2410	Non-participating	32	32	33	33	34	31	32	35
2411	Non-participating	34	33	34	34	35	32	33	36
2412	Non-participating	26	26	27	27	28	26	26	28
2413	Non-participating	35	34	35	35	36	33	34	36
2414	Non-participating	31	30	31	31	33	30	30	37
2415	Non-participating	31	31	32	32	33	30	31	34
2416	Non-participating	32	32	33	33	34	31	32	41
2417	Non-participating	31	30	31	31	32	29	30	32
2418	Non-participating	33	32	33	33	35	32	33	35
2419	Non-participating	34	34	35	35	36	33	34	36
2420	Non-participating	34	33	35	35	36	33	34	36
2421	Non-participating	32	31	32	32	33	31	31	36
2422	Non-participating	34	33	34	34	35	33	33	36
2423	Non-participating	27	27	28	27	29	26	27	30
2424	Non-participating	31	30	31	31	33	30	31	33
2425	Non-participating	32	31	32	32	33	30	31	44
2426	Non-participating	32	31	32	33	34	31	32	34
2427	Non-participating	31	31	32	32	33	30	31	36
2428	Non-participating	31	31	32	32	33	30	31	33
2429	Non-participating	27	26	27	27	29	25	26	29
2430	Non-participating	31	30	31	31	33	30	30	45
2431	Non-participating	30	29	30	30	32	29	29	34
2432	Non-participating	35	34	35	35	37	34	34	37
2433	Non-participating	31	30	31	31	33	30	30	36
2434	Non-participating	33	33	34	34	35	32	33	36
2435	Non-participating	32	31	32	32	33	30	31	33
2436	Non-participating	31	30	31	32	32	30	31	32
2437	Non-participating	31	30	31	31	33	30	31	33
2438	Non-participating	35	34	35	35	37	34	35	37
2439	Non-participating	34	34	35	35	36	33	34	37
2440	Non-participating	33	32	33	33	34	32	32	34
2441	Non-participating	30	29	30	30	32	29	30	32

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2442	Non-participating	31	30	31	31	33	30	30	34
2443	Non-participating	32	31	32	32	34	31	32	35
2444	Non-participating	30	29	30	30	32	29	30	32
2445	Non-participating	32	31	32	32	33	31	31	33
2446	Non-participating	32	31	32	32	34	31	32	34
2447	Non-participating	32	32	33	33	34	31	32	34
2448	Non-participating	31	30	31	31	33	30	31	33
2449	Non-participating	35	35	36	35	37	34	35	37
2450	Non-participating	26	25	26	26	28	25	26	28
2451	Non-participating	32	31	32	32	34	31	32	34
2452	Non-participating	36	35	37	37	38	35	36	38
2453	Non-participating	31	30	31	31	33	30	30	37
2454	Non-participating	31	31	32	32	33	30	31	38
2455	Non-participating	33	32	33	33	34	32	32	38
2456	Non-participating	32	31	32	32	34	31	32	34
2457	Non-participating	32	31	32	32	34	31	32	34
2458	Non-participating	32	31	32	32	33	30	31	45
2459	Non-participating	31	30	31	31	33	30	30	45
2460	Non-participating	36	35	36	36	37	35	35	37
2461	Non-participating	31	30	31	31	33	30	30	33
2462	Non-participating	32	31	32	32	33	30	31	45
2463	Non-participating	34	34	35	35	36	33	34	36
2464	Non-participating	29	28	29	29	31	28	28	33
2465	Non-participating	31	30	31	31	33	30	31	33
2466	Non-participating	29	28	29	29	30	27	28	30
2467	Non-participating	30	29	30	30	32	29	30	34
2468	Non-participating	32	31	32	32	34	31	32	34
2469	Non-participating	32	31	32	32	33	30	31	33
2470	Non-participating	34	34	35	35	36	33	34	36
2471	Non-participating	37	37	38	38	39	37	37	39
2472	Non-participating	32	31	32	32	34	31	31	34
2473	Non-participating	31	30	31	31	33	30	30	37
2474	Non-participating	34	33	34	34	35	33	33	36
2475	Non-participating	34	33	34	34	35	32	33	35
2476	Non-participating	30	30	31	31	32	29	30	32



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2477	Non-participating	32	31	32	32	33	30	31	33
2478	Non-participating	30	29	30	30	32	29	29	32
2479	Non-participating	33	32	33	33	35	32	32	45
2480	Non-participating	35	34	35	35	37	34	35	37
2481	Non-participating	33	32	33	33	34	31	32	36
2482	Non-participating	33	33	34	34	35	32	33	37
2483	Non-participating	31	30	31	31	33	30	30	37
2484	Non-participating	30	29	31	31	32	29	29	46
2485	Non-participating	29	28	29	29	31	28	29	33
2486	Non-participating	29	28	29	29	31	28	28	34
2487	Non-participating	29	28	29	29	31	27	28	33
2488	Non-participating	34	33	34	34	35	33	33	35
2489	Non-participating	30	29	30	30	32	29	30	32
2490	Non-participating	30	29	30	30	32	29	29	40
2491	Non-participating	32	31	32	32	34	31	31	44
2492	Non-participating	35	34	35	35	36	34	34	37
2493	Non-participating	30	29	30	30	32	29	30	32
2494	Non-participating	34	33	34	34	35	32	33	39
2495	Non-participating	36	35	36	36	38	35	36	38
2496	Non-participating	31	30	31	31	33	30	30	33
2497	Non-participating	33	32	33	33	35	32	33	35
2498	Non-participating	34	33	35	34	36	33	34	38
2499	Non-participating	33	32	33	33	35	32	33	35
2500	Non-participating	32	31	32	32	34	31	32	34
2501	Non-participating	30	29	30	30	32	29	29	46
2502	Non-participating	32	31	32	32	33	30	31	37
2503	Non-participating	27	27	28	27	29	26	27	29
2504	Non-participating	31	31	32	32	33	30	31	33
2505	Non-participating	27	26	27	28	29	26	27	29
2506	Non-participating	35	34	35	35	36	34	34	37
2507	Non-participating	32	31	32	33	34	31	32	35
2508	Non-participating	32	32	33	33	34	31	32	36
2509	Non-participating	32	31	32	32	34	31	32	34
2510	Non-participating	28	28	29	29	30	28	28	30
2511	Non-participating	32	31	32	32	34	31	31	34

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2512	Non-participating	33	32	33	33	34	32	33	34
2513	Non-participating	30	29	30	30	32	29	30	32
2514	Non-participating	30	29	30	31	32	29	29	46
2515	Non-participating	35	34	35	35	36	34	34	37
2516	Non-participating	36	35	36	36	38	35	36	38
2517	Non-participating	31	30	31	31	32	30	30	32
2518	Non-participating	32	32	33	33	34	31	32	34
2519	Non-participating	31	31	32	32	33	30	31	33
2520	Non-participating	29	29	30	30	31	28	29	34
2521	Non-participating	30	29	30	30	32	29	30	34
2522	Non-participating	33	32	33	33	34	32	33	34
2523	Non-participating	33	32	33	33	35	32	33	35
2524	Non-participating	32	31	33	32	34	31	32	34
2525	Non-participating	35	34	35	35	37	34	35	37
2526	Non-participating	33	33	34	34	35	32	33	38
2527	Non-participating	33	32	33	33	35	32	32	38
2528	Non-participating	31	30	31	31	32	30	30	32
2529	Non-participating	30	29	30	30	31	29	29	31
2530	Non-participating	31	30	31	31	32	29	30	32
2531	Non-participating	34	33	34	34	36	33	34	36
2532	Non-participating	31	30	31	31	32	29	30	33
2533	Non-participating	32	31	32	32	33	31	31	35
2534	Non-participating	29	28	29	29	31	28	28	33
2535	Non-participating	33	33	34	34	35	32	33	35
2536	Non-participating	31	31	31	32	33	30	31	38
2537	Non-participating	33	32	33	33	35	32	33	35
2538	Non-participating	33	32	33	33	35	32	32	35
2539	Non-participating	33	32	34	34	35	33	33	35
2540	Non-participating	33	32	34	33	35	32	33	35
2541	Non-participating	32	31	32	32	34	31	31	45
2542	Non-participating	27	27	28	27	29	26	27	30
2543	Non-participating	33	33	34	34	35	32	33	35
2544	Non-participating	35	34	35	35	37	34	35	37
2545	Non-participating	31	30	31	31	33	30	30	37
2546	Non-participating	33	32	33	33	34	31	32	34



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2547	Non-participating	30	30	31	31	32	29	30	32
2548	Non-participating	27	27	28	28	29	26	27	34
2549	Non-participating	31	30	31	31	33	30	30	36
2550	Non-participating	36	35	36	36	37	35	35	38
2551	Non-participating	33	32	33	33	35	32	33	36
2552	Non-participating	26	26	27	27	28	25	26	28
2553	Non-participating	27	26	27	27	29	26	26	29
2554	Non-participating	37	37	38	38	39	37	37	40
2555	Non-participating	32	31	32	32	34	31	31	36
2556	Non-participating	36	35	36	36	38	35	36	38
2557	Non-participating	33	33	34	34	35	32	33	35
2558	Non-participating	32	31	32	32	34	31	31	45
2559	Non-participating	29	28	29	29	30	27	28	33
2560	Non-participating	33	32	33	33	35	32	33	35
2561	Non-participating	36	35	36	36	38	35	36	38
2562	Non-participating	30	30	31	31	32	29	30	32
2563	Non-participating	31	30	31	31	33	30	30	44
2564	Non-participating	33	32	33	33	35	32	33	37
2565	Non-participating	34	33	34	34	35	33	33	43
2566	Non-participating	32	31	32	32	33	30	31	36
2567	Non-participating	33	32	33	33	35	32	32	35
2568	Non-participating	31	30	31	31	33	30	30	33
2569	Non-participating	33	32	33	33	35	32	33	39
2570	Non-participating	30	30	31	31	32	29	30	32
2571	Non-participating	34	33	34	34	36	33	34	36
2572	Non-participating	33	32	33	33	34	32	32	34
2573	Non-participating	32	31	32	32	33	30	31	45
2574	Non-participating	32	31	32	32	34	31	31	34
2575	Non-participating	33	33	34	33	35	32	33	36
2576	Non-participating	33	33	34	34	35	32	33	35
2577	Non-participating	32	31	32	32	34	31	31	45
2578	Non-participating	34	33	34	34	35	33	34	35
2579	Non-participating	33	32	33	33	34	31	32	34
2580	Non-participating	36	35	36	36	37	34	35	37
2581	Non-participating	33	32	33	33	35	32	33	35

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2582	Non-participating	27	26	27	27	29	25	26	29
2583	Non-participating	31	30	31	31	32	29	30	32
2584	Non-participating	35	34	35	35	36	34	35	36
2585	Non-participating	29	29	30	29	31	28	29	31
2586	Non-participating	35	34	35	35	37	34	35	37
2587	Non-participating	30	29	30	30	32	29	29	34
2588	Non-participating	35	34	35	35	36	33	34	36
2589	Non-participating	33	32	33	33	35	32	33	36
2590	Non-participating	34	34	35	35	36	33	34	36
2591	Non-participating	32	32	33	33	34	31	32	34
2592	Non-participating	24	23	24	24	26	23	24	31
2593	Non-participating	32	31	32	32	34	31	32	34
2594	Non-participating	33	33	34	34	35	32	33	37
2595	Non-participating	32	31	32	32	34	31	32	37
2596	Non-participating	33	32	33	33	35	32	33	35
2597	Non-participating	33	32	33	33	34	32	32	34
2598	Non-participating	27	26	27	27	29	25	26	29
2599	Non-participating	30	29	30	30	32	29	29	33
2600	Non-participating	35	34	36	35	37	34	35	38
2601	Non-participating	36	35	36	36	37	34	35	37
2602	Non-participating	29	28	30	30	31	28	29	31
2603	Non-participating	34	33	34	34	36	33	34	36
2604	Non-participating	32	31	32	32	33	31	32	33
2605	Non-participating	29	28	29	29	31	28	28	33
2606	Non-participating	36	35	36	36	37	35	35	38
2607	Non-participating	34	33	35	34	36	33	34	36
2608	Non-participating	33	32	33	33	35	32	33	35
2609	Non-participating	30	29	30	30	32	29	29	46
2610	Non-participating	31	31	32	32	33	30	31	44
2611	Non-participating	31	30	31	31	32	29	30	32
2612	Non-participating	36	36	37	37	38	35	36	39
2613	Non-participating	32	31	32	32	33	30	31	36
2614	Non-participating	33	32	33	33	35	32	33	35
2615	Non-participating	31	30	31	31	33	30	30	44
2616	Non-participating	34	33	34	34	35	33	34	35



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2617	Non-participating	31	30	31	31	32	29	30	32
2618	Non-participating	28	27	28	28	30	26	27	30
2619	Non-participating	36	35	36	36	38	35	36	38
2620	Non-participating	35	34	35	35	36	34	34	37
2621	Non-participating	31	30	31	31	33	30	31	33
2622	Non-participating	32	32	33	33	34	31	32	34
2623	Non-participating	35	35	36	36	37	34	35	38
2624	Non-participating	31	30	31	31	33	30	30	36
2625	Non-participating	35	34	35	35	36	34	34	37
2626	Non-participating	34	34	35	35	36	33	34	36
2627	Non-participating	32	31	32	32	33	30	31	33
2628	Non-participating	32	31	32	32	34	31	31	36
2629	Non-participating	30	29	30	30	32	29	30	32
2630	Non-participating	32	31	32	32	33	30	31	33
2631	Non-participating	31	30	31	31	33	30	31	37
2632	Non-participating	34	33	34	34	36	33	33	37
2633	Non-participating	31	30	32	32	33	30	30	44
2634	Non-participating	28	27	28	28	29	26	27	32
2635	Non-participating	33	32	33	33	34	32	32	37
2636	Non-participating	30	30	31	30	32	29	30	32
2637	Non-participating	32	31	32	32	33	31	31	33
2638	Non-participating	30	29	30	30	31	29	29	31
2639	Non-participating	35	34	35	35	37	34	35	37
2640	Non-participating	31	30	31	31	33	29	30	36
2641	Non-participating	27	26	28	27	29	26	27	30
2642	Non-participating	25	24	25	25	27	23	24	28
2643	Non-participating	29	28	29	29	31	28	28	34
2644	Non-participating	33	33	34	34	35	32	33	35
2645	Non-participating	35	34	35	35	36	34	34	36
2646	Non-participating	31	30	31	31	32	30	30	34
2647	Non-participating	35	34	35	35	37	34	35	37
2648	Non-participating	33	32	33	33	35	32	33	35
2649	Non-participating	30	29	30	30	31	29	29	31
2650	Non-participating	32	31	32	32	33	30	31	33
2651	Non-participating	27	27	28	27	29	26	27	29

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2652	Non-participating	31	30	31	31	33	30	31	33
2653	Non-participating	31	30	31	31	33	30	30	44
2654	Non-participating	32	31	32	32	33	31	32	34
2655	Non-participating	31	30	31	31	33	30	30	36
2656	Non-participating	28	27	28	28	30	27	28	30
2657	Non-participating	30	30	31	30	32	29	30	32
2658	Non-participating	32	31	32	32	34	31	31	44
2659	Non-participating	36	36	37	37	38	35	36	39
2660	Non-participating	32	31	32	32	34	31	31	36
2661	Non-participating	31	30	31	31	33	30	31	33
2662	Non-participating	33	32	33	33	35	32	32	39
2663	Non-participating	32	31	32	32	33	30	31	33
2664	Non-participating	30	29	30	30	31	28	29	33
2665	Non-participating	31	30	31	31	33	30	30	34
2666	Non-participating	34	33	34	34	36	33	34	36
2667	Non-participating	29	28	29	29	30	27	28	30
2668	Non-participating	31	30	31	31	33	30	31	36
2669	Non-participating	30	29	30	30	32	29	29	35
2670	Non-participating	30	29	30	30	31	28	29	31
2671	Non-participating	32	31	32	32	34	31	32	34
2672	Non-participating	34	34	35	35	36	33	34	36
2673	Non-participating	35	34	35	35	37	34	35	37
2674	Non-participating	33	32	33	33	35	32	32	39
2675	Non-participating	34	33	34	34	35	33	33	35
2676	Non-participating	32	31	32	32	34	31	31	34
2677	Non-participating	28	28	29	29	30	27	28	30
2678	Non-participating	31	30	31	31	33	30	31	33
2679	Non-participating	32	31	32	32	33	30	31	44
2680	Non-participating	27	26	27	28	29	26	26	32
2681	Non-participating	34	33	34	34	36	33	34	36
2682	Non-participating	29	28	29	29	31	28	29	31
2683	Non-participating	33	33	34	34	35	32	33	36
2684	Non-participating	33	32	33	33	35	32	32	36
2685	Non-participating	31	30	31	31	33	30	30	44
2686	Non-participating	32	31	32	32	34	31	31	46



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2687	Non-participating	34	33	34	34	36	33	34	36
2688	Non-participating	30	29	30	30	32	29	30	32
2689	Non-participating	34	33	35	35	36	33	34	36
2690	Non-participating	35	34	36	36	37	34	35	37
2691	Non-participating	34	33	34	34	35	33	34	35
2692	Non-participating	33	32	33	33	35	32	33	35
2693	Non-participating	28	27	28	28	30	27	27	30
2694	Non-participating	35	34	35	35	36	34	35	36
2695	Non-participating	33	32	33	33	35	32	33	35
2696	Non-participating	31	30	31	31	33	30	31	33
2697	Non-participating	26	25	26	26	28	25	25	29
2698	Non-participating	32	31	32	32	34	31	31	34
2699	Non-participating	34	33	34	34	36	33	34	36
2700	Non-participating	33	32	33	33	35	32	33	35
2701	Non-participating	31	30	31	31	33	30	30	33
2702	Non-participating	29	28	29	29	31	28	29	31
2703	Non-participating	32	31	32	32	34	31	32	34
2704	Non-participating	34	33	34	34	36	33	34	36
2705	Non-participating	32	32	33	33	34	31	32	35
2706	Non-participating	35	35	36	36	37	34	35	37
2707	Non-participating	31	30	31	31	32	29	30	32
2708	Non-participating	34	33	34	34	35	33	34	35
2709	Non-participating	32	31	32	32	33	31	31	46
2710	Non-participating	31	30	31	31	33	30	30	44
2711	Non-participating	32	31	32	32	33	31	31	34
2712	Non-participating	31	30	31	31	33	30	31	33
2713	Non-participating	32	31	32	32	34	31	31	36
2714	Non-participating	36	35	36	36	37	35	35	38
2715	Non-participating	33	32	33	33	35	32	33	36
2716	Non-participating	35	34	35	35	37	34	35	37
2717	Non-participating	36	35	36	36	37	35	35	38
2718	Non-participating	31	30	31	31	33	30	30	43
2719	Non-participating	35	35	36	36	37	34	35	38
2720	Non-participating	32	31	32	32	34	31	32	34
2721	Non-participating	29	28	29	29	31	28	28	33

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2722	Non-participating	32	31	32	32	34	31	32	34
2723	Non-participating	33	33	34	34	35	32	33	35
2724	Non-participating	29	29	30	30	31	28	29	31
2725	Non-participating	31	30	31	31	33	30	30	44
2726	Non-participating	32	31	32	33	34	31	32	37
2727	Non-participating	27	26	27	27	29	25	26	29
2728	Non-participating	34	33	34	34	36	33	34	36
2729	Non-participating	30	29	30	30	32	29	29	34
2730	Non-participating	36	35	36	36	37	34	35	37
2731	Non-participating	33	32	33	33	35	32	33	36
2732	Non-participating	26	25	26	26	28	25	25	32
2733	Non-participating	28	27	28	28	30	27	27	30
2734	Non-participating	33	32	33	33	35	32	33	35
2735	Non-participating	34	34	35	35	36	33	34	36
2736	Non-participating	34	33	34	34	35	33	33	35
2737	Non-participating	33	33	34	34	35	32	33	35
2738	Non-participating	32	31	32	32	33	30	31	33
2739	Non-participating	27	26	27	29	29	26	27	29
2740	Non-participating	33	32	33	33	35	32	33	35
2741	Non-participating	33	32	33	33	35	32	33	35
2742	Non-participating	32	31	32	32	34	31	32	34
2743	Non-participating	34	33	34	34	35	33	33	35
2744	Non-participating	32	31	32	32	34	31	31	46
2745	Non-participating	33	32	33	33	35	32	33	35
2746	Non-participating	31	31	32	32	33	30	31	44
2747	Non-participating	34	33	34	34	36	33	34	36
2748	Non-participating	31	30	31	31	33	30	30	37
2749	Non-participating	32	31	32	32	34	31	32	34
2750	Non-participating	32	31	32	32	33	31	31	44
2751	Non-participating	31	30	31	31	33	30	30	44
2752	Non-participating	32	31	32	32	33	30	31	37
2753	Non-participating	35	34	35	35	37	34	35	37
2754	Non-participating	27	26	27	27	29	26	27	29
2755	Non-participating	33	32	33	33	34	31	32	37
2756	Non-participating	35	34	35	35	37	34	35	37



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2757	Non-participating	33	32	33	33	35	32	33	35
2758	Non-participating	35	34	35	35	37	34	35	37
2759	Non-participating	36	35	36	36	37	35	35	38
2760	Non-participating	31	30	31	31	32	29	30	32
2761	Non-participating	35	34	35	35	37	34	35	37
2762	Non-participating	29	28	29	29	30	28	28	30
2763	Non-participating	35	34	35	35	37	34	35	37
2764	Non-participating	31	31	32	32	33	30	31	44
2765	Non-participating	35	34	35	35	36	33	34	37
2766	Non-participating	31	30	31	31	33	30	30	33
2767	Non-participating	32	31	33	33	34	31	32	34
2768	Non-participating	27	27	28	28	29	26	27	29
2769	Non-participating	34	33	34	34	35	33	33	35
2770	Non-participating	32	32	33	33	34	31	32	35
2771	Non-participating	34	33	34	34	35	32	33	35
2772	Non-participating	33	33	34	34	35	32	33	37
2773	Non-participating	33	32	33	33	35	32	33	35
2774	Non-participating	28	28	29	29	30	27	28	30
2775	Non-participating	30	29	30	30	32	29	30	32
2776	Non-participating	33	32	33	33	34	32	32	34
2777	Non-participating	34	34	35	35	36	34	34	36
2778	Non-participating	35	34	35	35	36	34	34	37
2779	Non-participating	35	34	35	35	36	34	34	37
2780	Non-participating	33	32	33	33	35	32	32	35
2781	Non-participating	32	32	33	33	34	31	32	34
2782	Non-participating	31	31	32	32	33	30	30	44
2783	Non-participating	34	33	34	34	36	33	33	47
2784	Non-participating	30	29	30	30	32	29	29	35
2785	Non-participating	28	27	28	28	30	27	28	33
2786	Non-participating	30	29	30	30	32	29	29	46
2787	Non-participating	30	29	30	30	31	28	29	31
2788	Non-participating	34	33	34	34	35	33	33	36
2789	Non-participating	35	34	35	35	37	34	34	38
2790	Non-participating	32	31	32	32	34	31	31	36
2791	Non-participating	30	30	31	30	32	29	30	32

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2792	Non-participating	31	30	31	31	33	30	30	33
2793	Non-participating	26	25	26	26	28	24	25	30
2794	Non-participating	30	29	30	30	32	29	30	33
2795	Non-participating	32	32	33	33	34	31	32	34
2796	Non-participating	28	28	29	29	30	27	28	33
2797	Non-participating	31	30	31	31	33	30	30	36
2798	Non-participating	28	27	28	28	30	27	28	30
2799	Non-participating	34	33	34	34	36	33	34	36
2800	Non-participating	33	32	33	33	35	32	33	35
2801	Non-participating	33	32	33	33	35	32	33	35
2802	Non-participating	31	30	31	31	33	30	31	33
2803	Non-participating	31	30	31	31	33	30	31	33
2804	Non-participating	28	27	28	28	30	26	27	30
2805	Non-participating	31	30	31	31	33	30	31	33
2806	Non-participating	31	30	31	31	33	30	31	33
2807	Non-participating	33	32	33	33	35	32	32	45
2808	Non-participating	29	28	29	29	31	28	29	33
2809	Non-participating	35	34	35	35	36	34	34	37
2810	Non-participating	34	34	34	35	36	33	34	36
2811	Non-participating	33	32	33	33	35	32	32	36
2812	Non-participating	28	27	28	28	30	27	28	30
2813	Non-participating	29	29	30	30	31	28	29	31
2814	Non-participating	31	30	31	31	33	30	30	37
2815	Non-participating	31	31	32	32	33	30	31	44
2816	Non-participating	29	28	29	29	31	28	29	31
2817	Non-participating	37	36	37	37	39	36	37	39
2818	Non-participating	29	28	29	29	31	28	28	31
2819	Non-participating	30	29	30	30	32	29	29	32
2820	Non-participating	37	36	38	38	39	36	37	39
2821	Non-participating	27	26	27	27	29	26	27	29
2822	Non-participating	31	30	31	31	33	30	30	37
2823	Non-participating	31	30	31	31	33	30	31	33
2824	Non-participating	29	28	29	29	30	27	28	30
2825	Non-participating	32	31	32	32	33	31	31	36
2826	Non-participating	35	34	35	35	37	34	34	37



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2827	Non-participating	31	30	31	31	33	30	31	36
2828	Non-participating	35	34	35	35	37	34	35	37
2829	Non-participating	29	28	29	29	30	27	28	31
2830	Non-participating	31	30	31	31	32	30	30	32
2831	Non-participating	30	29	30	30	32	29	30	32
2832	Non-participating	30	29	30	30	32	29	29	32
2833	Non-participating	30	30	31	31	32	29	30	32
2834	Non-participating	35	34	35	35	37	34	35	37
2835	Non-participating	35	34	35	35	37	34	35	37
2836	Non-participating	31	30	31	31	33	30	31	33
2837	Non-participating	29	28	29	29	31	27	28	33
2838	Non-participating	32	31	32	32	33	31	32	34
2839	Non-participating	32	31	32	32	33	30	31	36
2840	Non-participating	29	29	30	31	31	28	29	31
2841	Non-participating	30	30	31	31	32	29	30	32
2842	Non-participating	32	31	33	33	34	31	32	34
2843	Non-participating	32	31	32	32	33	31	31	44
2844	Non-participating	36	35	36	36	38	35	36	38
2845	Non-participating	34	33	34	34	35	33	34	35
2846	Non-participating	30	29	30	30	32	29	30	32
2847	Non-participating	32	31	32	32	33	30	31	33
2848	Non-participating	35	34	35	35	37	34	35	37
2849	Non-participating	32	31	32	32	33	31	31	46
2850	Non-participating	36	35	36	36	38	35	36	38
2851	Non-participating	33	32	33	33	35	32	32	37
2852	Non-participating	28	28	29	28	30	27	28	30
2853	Non-participating	29	28	29	29	31	28	29	31
2854	Non-participating	29	29	30	30	31	28	29	31
2855	Non-participating	32	31	32	32	34	31	32	34
2856	Non-participating	32	31	32	32	33	31	31	33
2857	Non-participating	35	34	35	35	37	34	35	37
2858	Non-participating	32	32	33	33	34	31	32	34
2859	Non-participating	28	27	28	28	30	27	28	33
2860	Non-participating	35	34	35	35	36	34	35	36
2861	Non-participating	34	34	35	35	36	33	34	36

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2862	Non-participating	34	33	34	34	36	33	34	36
2863	Non-participating	34	33	34	34	36	33	34	38
2864	Non-participating	32	32	33	33	34	31	32	34
2865	Non-participating	34	33	34	34	36	33	34	36
2866	Non-participating	32	31	32	32	33	30	31	33
2867	Non-participating	29	28	29	28	30	27	28	30
2868	Non-participating	33	33	34	33	35	32	33	36
2869	Non-participating	32	31	32	32	34	31	32	34
2870	Non-participating	31	31	32	32	33	30	31	33
2871	Non-participating	28	27	28	28	29	26	27	33
2872	Non-participating	30	29	30	30	31	28	29	31
2873	Non-participating	32	31	32	32	34	31	31	38
2874	Non-participating	33	32	33	33	35	32	32	38
2875	Non-participating	31	30	31	31	33	30	31	33
2876	Non-participating	33	32	33	33	35	32	33	35
2877	Non-participating	36	35	36	36	38	35	36	38
2878	Non-participating	32	31	32	32	33	31	31	46
2879	Non-participating	32	31	32	32	34	31	31	36
2880	Non-participating	36	36	37	37	38	36	36	39
2881	Non-participating	32	31	32	32	33	30	31	35
2882	Non-participating	31	31	32	32	33	30	31	33
2883	Non-participating	32	31	32	32	33	31	31	33
2884	Non-participating	32	32	33	33	34	31	32	34
2885	Non-participating	31	30	31	31	32	30	30	32
2886	Non-participating	32	31	32	32	34	31	32	34
2887	Non-participating	28	27	29	29	30	27	28	30
2888	Non-participating	31	31	32	32	33	30	30	44
2889	Non-participating	32	31	32	32	34	31	31	35
2890	Non-participating	36	35	36	36	38	35	36	38
2891	Non-participating	35	34	35	35	36	34	34	37
2892	Non-participating	33	32	33	33	34	31	32	34
2893	Non-participating	31	30	31	32	33	30	31	33
2894	Non-participating	33	32	33	33	34	32	32	34
2895	Non-participating	31	30	31	31	33	30	30	43
2896	Non-participating	31	30	31	31	32	29	30	34



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2897	Non-participating	35	34	35	35	37	34	34	37
2898	Non-participating	31	30	31	31	33	30	31	36
2899	Non-participating	36	35	36	36	38	35	36	38
2900	Non-participating	28	27	28	28	29	27	27	29
2901	Non-participating	25	24	25	25	27	24	24	29
2902	Non-participating	34	33	34	34	35	33	33	46
2903	Non-participating	30	29	31	31	32	29	30	46
2904	Non-participating	28	28	29	29	30	27	28	32
2905	Non-participating	31	31	32	32	33	30	31	37
2906	Non-participating	32	32	33	33	34	31	32	37
2907	Non-participating	31	30	31	31	32	29	30	36
2908	Non-participating	32	31	32	32	33	30	31	45
2909	Non-participating	31	31	32	32	33	30	31	44
2910	Non-participating	33	33	34	34	35	32	33	36
2911	Non-participating	32	32	33	33	34	31	32	34
2912	Non-participating	31	30	31	31	33	30	30	36
2913	Non-participating	31	31	32	32	33	30	31	33
2914	Non-participating	34	33	34	34	35	33	33	35
2915	Non-participating	33	32	33	33	35	32	33	35
2916	Non-participating	32	32	33	33	34	31	32	34
2917	Non-participating	31	31	32	32	33	30	31	33
2918	Non-participating	31	31	32	32	33	30	31	44
2919	Non-participating	35	35	36	35	37	34	35	37
2920	Non-participating	33	32	33	33	35	32	32	39
2921	Non-participating	30	29	30	30	32	29	30	32
2922	Non-participating	32	31	32	32	34	31	32	34
2923	Non-participating	35	34	35	35	37	34	35	37
2924	Non-participating	34	33	34	34	35	33	33	35
2925	Non-participating	30	29	30	30	31	28	29	33
2926	Non-participating	33	33	34	33	35	32	33	36
2927	Non-participating	26	25	26	26	28	25	25	29
2928	Non-participating	24	23	24	24	26	23	23	28
2929	Non-participating	32	31	32	32	34	31	32	34
2930	Non-participating	31	30	31	31	33	30	30	36
2931	Non-participating	31	31	32	32	33	30	31	36

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2932	Non-participating	31	30	31	31	33	30	30	37
2933	Non-participating	35	34	35	35	36	33	34	36
2934	Non-participating	32	31	32	32	34	31	31	41
2935	Non-participating	32	31	32	32	34	31	32	34
2936	Non-participating	33	32	33	33	35	32	33	35
2937	Non-participating	31	30	31	31	32	30	30	32
2938	Non-participating	35	35	36	36	37	34	35	37
2939	Non-participating	31	30	32	32	33	30	30	44
2940	Non-participating	32	31	32	32	34	31	31	44
2941	Non-participating	33	32	33	33	34	32	32	38
2942	Non-participating	32	31	32	32	33	30	31	37
2943	Non-participating	33	32	33	33	35	32	33	36
2944	Non-participating	31	30	31	31	32	30	30	32
2945	Non-participating	35	34	35	35	37	34	35	37
2946	Non-participating	31	30	31	31	32	29	30	33
2947	Non-participating	33	32	33	33	34	32	33	34
2948	Non-participating	32	31	32	32	34	31	32	34
2949	Non-participating	32	31	32	32	33	30	31	33
2950	Non-participating	34	33	34	34	36	33	33	37
2951	Non-participating	34	33	34	34	35	33	33	36
2952	Non-participating	31	31	32	32	33	30	31	38
2953	Non-participating	31	31	32	31	33	30	31	37
2954	Non-participating	35	34	35	35	37	34	35	37
2955	Non-participating	32	31	32	32	34	31	31	44
2956	Non-participating	32	31	32	32	33	31	31	36
2957	Non-participating	31	30	31	31	33	30	30	37
2958	Non-participating	35	34	35	35	37	34	35	37
2959	Non-participating	32	31	32	32	33	30	31	33
2960	Non-participating	31	30	31	31	33	30	30	44
2961	Non-participating	35	34	35	35	37	34	35	37
2962	Non-participating	36	35	36	36	37	35	35	38
2963	Non-participating	32	31	32	32	34	31	32	34
2964	Non-participating	34	33	35	35	36	33	34	36
2965	Non-participating	31	31	32	32	33	30	31	36
2966	Non-participating	31	30	31	31	33	30	30	43



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
2967	Non-participating	32	31	32	32	34	31	31	45
2968	Non-participating	35	34	35	35	37	34	35	37
2969	Non-participating	35	34	35	35	37	34	35	37
2970	Non-participating	32	32	33	33	34	31	32	34
2971	Non-participating	33	32	33	33	34	31	32	34
2972	Non-participating	36	35	36	36	38	35	36	38
2973	Non-participating	32	31	32	32	34	31	31	44
2974	Non-participating	37	37	38	38	39	36	37	39
2975	Non-participating	34	33	34	34	36	33	34	36
2976	Non-participating	33	32	33	33	35	32	33	35
2977	Non-participating	32	31	32	32	33	30	31	33
2978	Non-participating	33	32	33	33	35	32	33	35
2979	Non-participating	28	28	29	29	30	27	28	30
2980	Non-participating	35	34	35	35	36	34	34	36
2981	Non-participating	28	27	28	29	30	27	27	33
2982	Non-participating	33	33	34	34	35	32	33	37
2983	Non-participating	32	31	32	32	33	30	31	36
2984	Non-participating	32	31	32	32	34	31	32	34
2985	Non-participating	31	30	32	31	33	30	31	33
2986	Non-participating	29	28	29	29	31	28	28	31
2987	Non-participating	28	27	28	28	30	27	27	30
2988	Non-participating	32	32	33	33	34	31	32	34
2989	Non-participating	35	34	35	35	37	34	35	37
2990	Non-participating	34	34	35	35	36	33	34	36
2991	Non-participating	28	28	29	29	30	27	28	32
2992	Non-participating	35	34	35	35	37	34	35	37
2993	Non-participating	29	28	29	29	31	28	29	33
2994	Non-participating	32	31	32	32	33	30	31	36
2995	Non-participating	31	30	31	31	33	30	30	36
2996	Non-participating	31	30	31	31	32	30	30	43
2997	Non-participating	34	33	34	35	36	33	34	37
2998	Non-participating	34	33	34	34	36	33	34	36
2999	Non-participating	27	26	27	27	29	26	27	29
3000	Non-participating	29	28	29	29	30	27	28	30
3001	Non-participating	27	26	27	27	29	26	27	30

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
3002	Non-participating	32	31	32	32	34	31	32	34
3003	Non-participating	32	31	32	32	34	31	32	34
3004	Non-participating	29	28	29	30	31	28	29	31
3005	Non-participating	35	34	35	35	37	34	35	37
3006	Non-participating	30	29	30	30	32	29	30	32
3007	Non-participating	35	35	36	36	37	34	35	37
3008	Non-participating	32	31	32	32	34	31	32	37
3009	Non-participating	32	31	32	32	33	30	31	36
3010	Non-participating	27	26	27	28	29	26	27	29
3011	Non-participating	33	32	33	33	34	32	32	34
3012	Non-participating	31	31	32	32	33	30	31	44
3013	Non-participating	35	34	35	35	36	33	34	36
3014	Non-participating	33	33	34	34	35	32	33	36
3015	Non-participating	31	31	31	31	33	30	31	33
3016	Non-participating	31	31	32	32	33	30	31	33
3017	Non-participating	31	31	32	32	33	30	30	44
3018	Non-participating	31	30	31	32	32	30	30	32
3019	Non-participating	31	31	32	32	33	30	31	33
3020	Non-participating	35	34	35	35	36	34	35	36
3021	Non-participating	35	35	36	36	37	35	35	37
3022	Non-participating	35	35	36	36	37	35	35	37
3023	Non-participating	30	29	30	30	31	29	29	31
3024	Non-participating	30	29	30	30	32	29	30	32
3025	Non-participating	29	29	30	29	31	28	29	31
3026	Non-participating	34	33	34	34	35	33	33	45
3027	Non-participating	30	29	30	30	32	29	29	45
3028	Non-participating	35	34	35	35	36	34	34	37
3029	Non-participating	29	28	29	29	30	27	28	33
3030	Non-participating	29	28	29	29	30	27	28	33
3031	Non-participating	30	29	30	30	31	29	29	34
3032	Non-participating	32	31	32	32	34	31	31	36
3033	Non-participating	31	30	31	31	33	30	31	33
3034	Non-participating	30	29	30	30	31	28	29	31
3035	Non-participating	31	30	31	31	33	30	30	33
3036	Non-participating	29	28	29	29	31	28	29	31



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
3037	Non-participating	36	35	36	36	37	35	35	38
3038	Non-participating	29	28	29	28	30	27	28	30
3039	Non-participating	30	29	31	31	32	29	30	32
3040	Non-participating	24	23	24	24	26	23	23	28
3041	Non-participating	32	31	32	32	34	31	31	35
3042	Non-participating	33	32	33	33	35	32	33	35
3043	Non-participating	33	32	33	33	35	32	33	38
3044	Non-participating	33	32	33	33	35	32	33	35
3045	Non-participating	31	30	31	31	33	30	31	33
3046	Non-participating	31	30	31	31	32	30	30	32
3047	Non-participating	30	29	30	30	32	29	30	32
3048	Non-participating	29	29	30	30	31	28	29	31
3049	Non-participating	32	32	33	33	34	31	32	34
3050	Non-participating	30	29	30	30	31	28	29	31
3051	Non-participating	29	28	29	29	31	28	28	33
3052	Non-participating	30	30	31	31	32	29	30	34
3053	Non-participating	30	29	30	30	32	29	30	32
3054	Non-Participating	36	35	36	36	38	35	35	38
3055	Non-Participating	36	35	36	36	37	35	35	38
3056	Non-Participating	36	35	36	36	38	35	35	38
3057	Non-Participating	36	35	36	36	38	35	35	38
3058	Non-Participating	36	35	36	36	37	35	35	38
3059	Non-Participating	36	35	36	36	38	35	35	38
3060	Non-Participating	36	36	37	37	38	35	36	38
3061	Non-Participating	36	35	36	36	38	35	36	38
3062	Non-Participating	36	35	36	36	38	35	36	38
3063	Non-Participating	36	35	36	36	38	35	36	38
3064	Non-Participating	36	35	36	36	38	35	36	38
3065	Non-Participating	36	35	36	36	38	35	35	38
3066	Non-Participating	36	35	36	36	38	35	35	38
3067	Non-Participating	36	35	36	36	38	35	36	38
3068	Non-Participating	36	35	36	36	38	35	35	38
3069	Non-Participating	36	35	36	36	37	35	35	38
3070	Non-Participating	36	35	36	36	37	35	35	38
3071	Non-Participating	36	35	36	36	37	35	35	38

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
3072	Non-Participating	37	36	37	37	38	36	36	39
3073	Non-Participating	36	35	36	36	38	35	36	38
3074	Non-Participating	36	35	36	36	37	35	35	38
3075	Non-Participating	36	35	36	36	37	35	35	38
3076	Non-Participating	36	35	36	36	37	35	35	38
3077	Non-Participating	35	35	36	36	37	35	35	38
3078	Non-Participating	35	35	36	36	37	34	35	38
3079	Non-Participating	35	35	36	36	37	34	35	38
3080	Non-Participating	35	35	36	36	37	34	35	38
3081	Non-Participating	36	35	36	36	38	35	35	38
3082	Non-Participating	36	35	36	36	38	35	35	38
3083	Non-Participating	36	35	36	36	38	35	35	38
3084	Non-Participating	36	35	36	36	37	35	35	38
3085	Non-Participating	36	35	36	36	37	35	35	38
3086	Non-Participating	36	35	36	36	37	35	35	38
3087	Non-Participating	35	34	35	35	37	34	34	37
3088	Non-Participating	35	34	35	35	36	34	34	37
3089	Non-Participating	35	34	35	35	37	34	34	37
3090	Non-Participating	35	34	35	35	37	34	34	37
3091	Non-Participating	35	34	35	35	37	34	34	37
3092	Non-Participating	35	34	35	35	36	34	34	37
3093	Non-Participating	35	34	35	35	36	33	34	37
3094	Non-Participating	34	34	35	35	36	33	34	37
3095	Non-Participating	34	33	35	34	36	33	34	37
3096	Non-Participating	35	34	35	35	37	34	34	37
3097	Church	38	37	38	38	40	37	37	40
3098	Non-Participating	37	37	38	38	39	37	37	40
3099	Church	37	37	38	38	39	37	37	39
3100	Non-Participating	37	36	37	37	38	36	37	39
3101	Non-Participating	36	36	37	37	38	35	36	38
3102	Non-Participating	37	36	37	37	38	36	37	39
3103	Non-Participating	37	36	37	37	38	36	37	39
3104	Non-Participating	37	36	37	37	39	36	37	39
3105	Non-Participating	36	36	37	37	38	36	36	38
3106	Non-Participating	36	36	37	37	38	36	36	38



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
3107	Non-Participating	36	35	36	36	38	35	36	38
3108	Non-Participating	34	33	34	34	36	33	34	36
3109	Non-Participating	34	33	35	35	36	33	34	36
3110	Non-Participating	34	33	34	34	36	33	34	36
3111	Non-Participating	34	33	34	34	36	33	34	36
3112	Non-Participating	34	33	34	34	36	33	34	36
3113	Non-Participating	34	33	34	34	36	33	34	36
3114	Non-Participating	34	33	34	34	35	33	34	36
3115	Non-Participating	34	33	34	34	35	33	33	36
3116	Non-Participating	34	33	34	34	35	32	33	36
3117	Non-Participating	33	32	33	33	35	32	33	35
3118	Non-Participating	33	32	34	33	35	32	33	35
3119	Non-Participating	33	33	34	34	35	32	33	35
3120	Non-Participating	34	33	34	34	35	33	33	36
3121	School	32	32	33	33	34	31	32	35
3122	Non-Participating	36	36	37	37	38	36	36	38
3123	Non-Participating	37	36	37	37	38	36	37	39
3124	Non-Participating	35	35	36	36	37	35	35	37
3125	Non-Participating	35	35	36	36	37	35	35	37
3126	Non-Participating	35	34	36	35	37	34	35	37
3127	Non-Participating	35	34	35	35	37	34	35	37
3128	Non-Participating	35	34	35	35	37	34	35	37
3129	Non-Participating	35	34	35	35	36	34	35	37
3130	Non-Participating	35	34	35	35	36	34	35	37
3131	Non-Participating	34	34	35	35	36	33	34	36
3132	Non-Participating	34	33	35	34	36	33	34	36
3133	Non-Participating	34	33	34	34	36	33	34	36
3134	Non-Participating	34	33	34	34	36	33	34	36
3135	Non-Participating	34	33	34	34	36	33	34	36
3136	Non-Participating	34	33	34	34	35	33	34	36
3137	Non-Participating	39	38	39	39	40	38	39	40
3138	Non-Participating	37	37	38	38	39	37	38	39
3139	Non-Participating	37	36	37	37	38	36	37	38
3140	Non-Participating	36	36	37	37	38	36	37	38
3141	Non-Participating	36	36	37	37	38	36	36	38

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
3142	Non-Participating	36	35	36	36	38	35	36	38
3143	Non-Participating	34	33	34	34	36	33	34	36
3144	Non-Participating	34	33	35	35	36	33	34	36
3145	Non-Participating	34	33	35	35	36	33	34	36
3146	Church	42	41	42	42	44	41	42	44
3147	Non-Participating	40	40	41	41	42	40	41	42
3148	Church	35	35	36	36	37	34	35	37
3149	Non-Participating	36	35	37	37	38	36	36	38
3150	Church	33	32	33	33	35	32	32	35
3151	Non-participating	36	35	36	36	37	35	35	38
3152	Non-participating	36	35	37	37	38	35	36	38
3153	Non-participating	36	35	36	36	38	35	36	38
3154	Non-participating	36	35	36	36	37	35	35	37
3155	Non-participating	35	35	36	36	37	34	35	37
3156	Non-participating	35	34	35	35	37	34	35	37
3157	Non-participating	41	40	41	41	42	40	41	42
3158	Non-participating	41	40	41	41	42	40	41	42
3159	Church	34	34	35	35	36	34	34	36
3160	Non-participating	35	34	36	35	37	34	35	37
3161	Non-participating	35	34	36	35	37	34	35	37
3162	Participating	35	34	35	35	37	34	35	37
3163	Non-participating	35	34	35	35	37	34	35	37
3164	Non-participating	36	35	36	36	37	35	35	40
3165	Non-participating	36	35	36	36	38	35	36	39
3166	Non-participating	36	35	36	36	38	35	36	39
3167	Non-participating	36	35	36	36	38	35	36	39
3168	Non-participating	36	36	37	37	38	36	36	39
3169	Non-participating	36	35	37	37	38	35	36	39
3170	Non-participating	36	35	37	36	38	35	36	39
3171	Non-participating	36	35	37	37	38	35	36	39
3172	Non-participating	37	36	37	37	38	36	36	39
3173	Non-participating	37	36	37	37	38	36	36	39
3174	Non-participating	37	36	37	37	39	36	36	39
3175	Participating	44	43	44	44	44	43	44	44
3176	Participating	45	45	45	45	45	45	45	45



ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
3177	Non-participating	40	39	40	40	42	39	40	42
3178	Non-participating	36	36	37	37	38	35	36	38
3179	Non-participating	37	36	37	37	39	36	37	39
3180	Non-participating	35	34	36	36	37	34	35	37
3181	Non-participating	33	32	34	34	35	32	33	35
3182	Non-participating	33	32	33	33	35	32	32	35
3183	Non-participating	35	34	35	35	36	34	34	36
3184	Non-participating	34	33	34	34	36	33	34	36
3185	Non-participating	33	33	34	34	35	32	33	35
3186	Non-participating	35	34	35	35	37	34	35	37
3187	Non-participating	35	34	35	35	37	34	35	37
3188	Non-participating	36	35	36	36	38	35	36	38
3189	Non-participating	40	39	40	40	41	39	40	41
3190	Non-participating	39	38	39	39	41	39	39	41
3191	Non-participating	38	37	38	38	39	37	38	39
3192	Non-participating	39	38	39	39	40	38	39	40
3193	Non-participating	38	37	39	39	40	38	38	40
3194	Non-participating	38	37	38	38	40	37	38	40
3195	Non-participating	37	36	37	37	38	36	36	38
3196	Non-participating	36	35	37	36	38	35	36	38
3197	Non-participating	36	35	37	37	38	35	36	38
3198	Non-participating	37	36	38	38	39	36	37	39
3199	Non-participating	36	36	37	37	38	36	36	38
3200	Non-participating	37	36	37	37	39	36	37	39
3201	Non-participating	36	35	36	36	38	35	36	38
3202	Non-participating	36	36	37	37	38	36	36	38
3203	Non-participating	33	32	33	35	35	32	33	35
3204	Non-participating	36	35	36	36	38	35	36	38
3205	Non-participating	37	36	37	37	38	36	36	38
3206	Non-participating	36	35	36	36	38	35	36	38
3207	Non-participating	36	35	36	36	38	35	36	38
3208	Non-participating	35	34	35	35	37	34	35	37
3209	Non-participating	36	35	36	36	38	35	36	38
3210	Non-participating	36	35	36	36	37	35	35	37
3211	Non-participating	36	35	36	36	38	35	36	38

ID	Receiver Status	V150 4.2 MW	V150 5.6 MW at 105m or 125m HH	N149 4.5 MW at 109m HH	N149 4.5 MW at 125m HH	SG 4.5-145	GE 3.0- 140	22 GE 3.0-140 & 65 GE 5.5- 158	Cumulative (Emerson w/SG4.5- 145 & Republic)
3212	Participating	36	36	37	37	38	36	36	38
3213	Non-participating	37	36	37	37	38	36	36	38
3214	Non-participating	37	36	37	37	39	36	37	39
3215	Non-participating	36	35	36	36	37	35	36	37
3216	Non-participating	34	33	35	35	36	33	34	36
3217	Non-participating	35	34	35	35	36	34	34	36
3218	Non-participating	35	34	35	35	37	34	35	37
3219	Non-participating	35	34	35	35	36	34	35	36
3220	Non-participating	35	34	35	35	36	34	35	36
3221	Non-participating	34	33	34	34	36	33	34	36
3222	Non-participating	34	34	35	35	36	33	34	36
3223	Non-participating	35	34	35	35	36	34	34	36
3224	Non-participating	35	34	35	35	37	34	35	37
3225	Non-participating	34	33	35	35	36	33	34	36
3226	Non-participating	35	34	35	35	36	34	35	36
3227	Non-participating	37	36	37	37	38	36	36	38
3228	Non-participating	35	35	36	36	37	34	35	37
3229	Non-participating	36	35	36	36	38	35	36	38
3230	Non-participating	43	42	44	44	45	43	43	45
3231	Non-participating	38	37	38	38	40	37	37	40
3232	Non-participating	39	38	39	39	41	38	39	41
3233	Non-participating	39	38	39	39	40	38	39	40
3234	Participating	42	41	43	42	44	42	42	44
3235	Non-participating	37	36	37	37	38	36	37	39
3236	Non-participating	38	37	39	39	40	38	38	40



Attachment B

Updated Shadow Flicker Data

/s/ Christine M.T. Pirik

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(Counsel of Record)

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Attorneys for Firelands Wind, LLC

Updated Table 2 To October 9, 2019 Shadow Flicker data

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**Table 2. Summary of
Receptors Predicted to
Experience Shadow
Flicker > 30 hours/year**

Receptor ID	Project Status	Receptor Type	Vestas Predicted Annual Shadow Flicker (hh:mm/year)	GE Predicted Annual Shadow Flicker (hh:mm/year)
951	Non-Participant	House	26:43:00	31:54:00
641	Non-Participant	House	26:53:00	30:15:00
1505	Non-Participant	House	29:14:00	30:12:00
576	Non-Participant	House	29:56:00	31:49:00
1422	Non-Participant	House	30:48:00	29:23:00
1204	Non-Participant	House	31:00:00	35:42:00
824	Non-Participant	House	31:11:00	29:30:00
986	Non-Participant	House	31:20:00	30:31:00
304	Non-Participant	House	31:35:00	26:24:00
1137	Non-Participant	House	31:40:00	27:02:00
861	Non-Participant	House	31:48:00	29:40:00
1583	Non-Participant	House	31:59:00	35:11:00
1620	Non-Participant	House	32:39:00	33:13:00
228	Non-Participant	House	32:44:00	31:42:00
1022	Non-Participant	House	32:59:00	32:54:00
869	Non-Participant	House	33:06:00	33:14:00
1438	Non-Participant	House	33:21:00	34:23:00
328	Non-Participant	House	33:26:00	39:28:00
385	Non-Participant	House	34:09:00	34:00:00
145	Non-Participant	House	34:25:00	34:05:00
1314	Non-Participant	House	34:34:00	36:58:00
344	Non-Participant	House	34:38:00	32:59:00
477	Non-Participant	House	34:43:00	32:24:00
1253	Non-Participant	House	34:43:00	28:35:00
834	Non-Participant	Business	34:46:00	36:18:00
569	Non-Participant	House	34:53:00	34:44:00
1396	Non-Participant	House	35:16:00	28:23:00
1040	Non-Participant	House	35:18:00	35:04:00
1174	Non-Participant	House	35:19:00	35:00:00
1551	Non-Participant	House	35:48:00	34:18:00
740	Non-Participant	House	35:56:00	36:48:00
611	Non-Participant	House	35:58:00	33:18:00
1461	Non-Participant	House	36:01:00	33:52:00
1146	Non-Participant	House	36:18:00	33:52:00
255	Non-Participant	House	37:05:00	30:41:00
422	Non-Participant	House	37:26:00	42:57:00
1158	Non-Participant	House	37:39:00	40:21:00

Receptor ID	Project Status	Receptor Type	Vestas Predicted Annual Shadow Flicker (hh:mm/year)	GE Predicted Annual Shadow Flicker (hh:mm/year)
855	Non-Participant	House	39:25:00	37:16:00
596	Non-Participant	House	40:02:00	42:39:00
319	Non-Participant	House	40:17:00	40:43:00
693	Non-Participant	House	40:19:00	33:42:00
423	Non-Participant	House	40:20:00	41:09:00
880	Non-Participant	House	40:29:00	41:33:00
1493	Non-Participant	House	40:39:00	41:44:00
718	Non-Participant	House	40:58:00	42:11:00
1106	Non-Participant	House	41:42:00	35:57:00
7	Non-Participant	House	42:01:00	39:11:00
770	Non-Participant	House	43:22:00	53:09:00
501	Non-Participant	House	45:22:00	43:40:00
1136	Non-Participant	House	47:54:00	45:24:00
1473	Non-Participant	House	53:34:00	50:46:00
857	Non-Participant	House	54:09:00	47:06:00
104	Non-Participant	House	54:26:00	53:47:00
232	Non-Participant	House	57:20:00	55:50:00
870	Non-Participant	House	62:25:00	59:56:00
827	Non-Participant	House	64:46:00	65:29:00
1375	Non-Participant	House	92:56:00	96:24:00
1179	Non-Participant	House	95:43:00	99:40:00
1445	Participant	House	12:13	30:47:00
1518	Participant	House	29:10:00	30:15:00
580	Participant	House	31:11:00	28:01:00
1067	Participant	House	31:15:00	33:49:00
1468	Participant	House	31:17:00	39:14:00
614	Participant	House	31:26:00	28:14:00
653	Participant	House	31:51:00	33:15:00
64	Participant	House	32:09:00	33:58:00
1568	Participant	House	32:50:00	31:01:00
1526	Participant	House	34:12:00	38:36:00
1085	Participant	House	34:18:00	31:42:00
332	Participant	House	35:18:00	34:20:00
1264	Participant	House	35:22:00	28:59:00
938	Participant	House	35:45:00	36:12:00
1237	Participant	House	35:56:00	39:44:00
688	Participant	House	36:21:00	40:04:00

Receptor ID	Project Status	Receptor Type	Vestas Predicted Annual Shadow Flicker (hh:mm/year)	GE Predicted Annual Shadow Flicker (hh:mm/year)
1603	Participant	House	36:56:00	34:52:00
956	Participant	House	37:52:00	36:11:00
87	Participant	House	37:59:00	42:25:00
779	Participant	House	38:05:00	37:39:00
137	Participant	House	38:23:00	41:31:00
932	Participant	House	39:05:00	42:01:00
518	Participant	House	39:46:00	50:06:00
860	Participant	House	40:21:00	35:18:00
91	Participant	House	40:35:00	39:13:00
570	Participant	House	41:09:00	39:54:00
728	Participant	House	41:34:00	40:49:00
752	Participant	House	42:11:00	44:44:00
1472	Participant	House	42:18:00	49:27:00
275	Participant	House	43:12:00	39:16:00
941	Participant	House	44:20:00	45:02:00
879	Participant	House	45:53:00	48:30:00
1236	Participant	House	46:05:00	40:18:00
940	Participant	House	46:48:00	47:35:00
382	Participant	House	47:22:00	50:28:00
1666	Participant	House	47:55:00	52:39:00
1552	Participant	House	48:02:00	48:01:00
399	Participant	House	48:54:00	53:07:00
923	Participant	House	50:18:00	46:12:00
54	Participant	House	50:22:00	48:11:00
785	Participant	House	50:37:00	53:02:00
1431	Participant	House	51:09:00	53:26:00
500	Participant	House	53:41:00	51:29:00
1269	Participant	House	54:15:00	52:00:00
1549	Participant	House	54:23:00	64:40:00
1151	Participant	House	54:25:00	58:30:00
1030	Participant	House	54:30:00	47:01:00
277	Participant	House	59:56:00	72:47:00
1531	Participant	House	60:14:00	59:10:00
948	Participant	House	62:11:00	65:18:00
998	Participant	House	62:13:00	67:29:00
427	Participant	House	65:20:00	71:22:00
510	Participant	House	67:38:00	74:42:00

Receptor ID	Project Status	Receptor Type	Vestas Predicted Annual Shadow Flicker (hh:mm/year)	GE Predicted Annual Shadow Flicker (hh:mm/year)
1056	Participant	House	69:27:00	75:08:00
1495	Participant	House	73:07:00	60:47:00
360	Participant	House	75:56:00	81:47:00
390	Participant	House	76:26:00	67:22:00
404	Participant	House	78:46:00	83:15:00
1043	Participant	House	82:30:00	86:45:00
197	Participant	House	90:47:00	92:10:00

Updated Table 3 to October 9, 2019 Shadow Flicker data

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Table 3: Daily Effect to Structures with Potential Cumulative Shadow Flicker

Receptor ID	Project Status	Vestas Scenario		GE Scenario	
		Predicted Annual Shadow Flicker – Emerson Creek Only (hh:mm/year)	Cumulative Predicted Annual Shadow Flicker (hh:mm/year)	Predicted Annual Shadow Flicker – Emerson Creek Only (hh:mm/day)	Cumulative Predicted Annual Shadow Flicker (hh:mm/day)
872	Non-Participant	0:00	12:44	0:06	12:50
254	Non-Participant	0:30	14:00	0:37	14:07
909	Non-Participant	3:00	37:11:00	2:56	37:07:00
467	Non-Participant	3:08	18:59	2:52	18:43
489	Non-Participant	3:11	38:40:00	3:03	38:31:00
198	Non-Participant	6:45	6:45	5:35	5:35
1127	Non-Participant	6:55	40:29:00	5:21	39:03:00
1592	Non-Participant	6:57	19:51	7:21	20:14
476	Non-Participant	7:01	40:08:00	5:26	38:40:00
1224	Non-Participant	7:26	26:52:00	6:42	26:09:00
743	Non-Participant	8:13	19:33	8:56	20:14
451	Non-Participant	9:27	19:08	10:42	20:21
908	Non-Participant	9:40	17:40	9:38	17:37
1309	Non-Participant	10:05	14:41	9:30	15:46
15	Non-Participant	10:14	24:36:00	8:58	23:21
95	Non-Participant	10:22	19:09	12:17	21:00
1119	Non-Participant	11:23	32:24:00	10:09	31:11:00
1362	Non-Participant	13:00	20:42	13:45	21:25
1190	Non-Participant	14:24	32:23:00	12:44	30:44:00
1395	Non-Participant	14:29	31:58:00	12:48	30:17:00
1586	Non-Participant	14:34	23:08	13:06	21:40
968	Non-Participant	14:53	29:34:00	10:29	25:12:00
1091	Non-Participant	14:53	19:36	15:07	21:33
199	Non-Participant	15:09	38:11:00	13:47	36:50:00
418	Non-Participant	15:15	22:36	13:32	20:54
826	Non-Participant	16:16	23:51	14:29	22:04
94	Non-Participant	17:21	25:01:00	15:30	23:11
772	Non-Participant	17:37	25:20:00	15:44	23:27
114	Non-Participant	17:43	25:50:00	15:58	24:06:00
1105	Non-Participant	18:45	27:41:00	16:47	25:43:00
864	Non-Participant	19:35	31:43:00	17:28	29:35:00
127	Non-Participant	20:15	32:59:00	20:48	33:31:00
1177	Non-Participant	20:47	33:19:00	21:23	33:54:00
1319	Non-Participant	21:39	43:33:00	19:16	41:11:00
1191	Non-Participant	22:09	42:33:00	20:10	40:31:00
999	Non-Participant	23:33	31:22:00	21:14	29:03:00
447	Non-Participant	23:52	34:34:00	21:27	32:10:00

Receptor ID	Project Status	Vestas Scenario		GE Scenario	
		Predicted Annual Shadow Flicker – Emerson Creek Only (hh:mm/year)	Cumulative Predicted Annual Shadow Flicker (hh:mm/year)	Predicted Annual Shadow Flicker – Emerson Creek Only (hh:mm/day)	Cumulative Predicted Annual Shadow Flicker (hh:mm/day)
626	Non-Participant	24:03:00	42:39:00	21:22	39:55:00
304	Non-Participant	31:35:00	44:33:00	26:24:00	39:21:00
1137	Non-Participant	31:40:00	43:35:00	27:02:00	38:56:00
665	Participant	9:57	15:20	9:41	16:57
1013	Participant	14:56	17:25	12:01	14:30
275	Participant	43:12:00	51:37:00	39:16:00	47:40:00
923	Participant	50:18:00	58:37:00	46:12:00	54:31:00

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Case No(s). 18-1607-EL-BGN

Summary: Response to Fourth Data Request from Staff of the Ohio Power Siting Board
electronically filed by Christine M.T. Pirik on behalf of Firelands Wind, LLC