

February 4, 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 Fifth Data Request from Staff of the Ohio Power Siting Board

Dear Ms. Troupe:

Attached please find Firelands Wind, LLC's ("Applicant") response to the Fifth Data Request from the staff of the Ohio Power Siting Board ("OPSB Staff"). The Applicant provided this response to OPSB Staff on February 4, 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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Ms. Tanowa Troupe
 Firelands Wind, LLC
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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 4th day of February, 2020.

/s/ Christine M.T. Pirik

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4847-2987-3587 v1 [59714-18]

**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
FIFTH 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 21, 2020 and January 22, 2020, the Staff of the OPSB (“OPSB Staff”) provided the Applicant with OPSB Staff’s Fifth Data Request. Now comes the Applicant providing the following responses to the Fifth Data Request from the OPSB Staff.

1. **On page 87 of the application narrative in the Ice Throw section, it is stated, “For ice throw to occur, a control breakdown within the turbine is necessary.” Please clarify what is meant here. Are you saying that if Ice accumulates on wind turbine blades, it is only released if there is a control system breakdown? In the study in the swiss alps you cite, ice is described to have been found in various distances from a turbine. Was this ice thrown due to a control system failure?**

Response: Pursuant to Ohio Administrative Code Rule 4906-4-09(E)(2)(c), “[t]he applicant's plans to minimize potential impacts shall include...[i]nstalling and utilizing an ice warning system to include an ice detector installed on the roof of the nacelle, ice detection software, warranted by the manufacturer to detect ice, for the wind turbine controller, or an ice sensor alarm that triggers an automatic shutdown.”

The control breakdown referenced in the narrative to the Application at page 87 refers to a failure of the ice detection and automatic shutdown systems. For significant ice throw

to occur (1 kg beyond the setbacks) the blades must be in motion, the turbine operational.

The study cited from the Swiss Alps, Cattin 2014, does not indicate an ice detection or automatic shutdown system for the studied turbines. Instead it states that the turbines were equipped with integrated blade heating. There are limited observational studies of ice throw in the literature - those that do exist are studies of systems that do not shut down automatically under the presence of ice.

2. **The ice study used the Nordex 149 to determine probabilities of ice throw. Subsequently you have proposed using a turbine with a larger rotor diameter, the GE 158 5.5 MW. How would probabilities of ice thrown from the GE 158 5.5 MW compare to that of the Nordex 149?**

Response: The Applicant is running an analysis to compare ice throw probabilities between the Nordex N149 and the GE158. The Nordex N149 was originally modeled for ice throw in the Application. Ice throw is based on the maximum total height (hub height + rotor radius). The total height of the Nordex N149 is 199.5 meters (654.5 feet) and the total height for the V150 is 180 meters (590.6 feet).

The GE158 has a total maximum height of 186.5 meters (hub height of 107.5 meters and rotor radius of 79) (611.9 feet) As a result, impact from the Ice Throw Analysis are expected to be less than those modeled for the N149 and V150. The analysis should be complete in the next few days, at which time the Applicant will supplement this response and provide the information to the OPSB Staff.

3. **Why was the ambient noise monitoring done in two phases?**

Response: The background sound level monitoring was conducted in two phases, in March 2018 with additional monitoring in September 2018, because the initial Project area that was being evaluated in March 2018 only encompassed roughly the northern half of the current Project area. The Project area was expanded later in 2018 which merited additional sound level monitor locations. This is why Monitors 1 through 5, which were deployed in March 2018 are located in or near the northern half of the Project area and Monitors 6 through 9 which were deployed in September 2018 are located in or near the southern half of the projection area.

4. **Does conducting the ambient noise monitoring in different seasons affect the accurate determination of the ambient noise level of the project?**

Response: Monitoring in different seasons does not affect the accurate determination of the background sound levels. Both monitoring periods (March and September 2018), were two weeks in duration each, allowing for sampling of background sound levels under a variety of meteorological conditions and, in particular, under a variety of wind speeds and directions. Background sound levels are primarily driven by a combination of traffic conditions from roadways near and far and wind conditions. Background sound

levels during September can also be affected by biogenic sounds, particularly from insects, but this was accounted for in the summary of background sound levels discussed in Section 5.1 of the Noise Assessment, which was submitted as Exhibit G to the January 31, 2019 Application, by filtering data during periods when the biogenic sounds occurred. It is worth noting that the average nighttime background sound level for the March 2018 monitors was 44 dBA and the average nighttime background sound level for the September 2018 monitors was also 44 dBA.

5. Please explain why each of the specific noise monitoring locations were chosen.

Response: Generally, all of the monitors were selected to represent the various soundscapes that are present throughout the Project area and experienced at sensitive receptors. Consideration was given to proximity to roadways of varying traffic levels, proximity to railways, proximity to agricultural fields, and rural residences with and without farm operations. Specific characteristics considered for each monitor locations were:

- Monitor 1:
 - Northern extent of the Project area.
 - Slightly over half a mile south of I-80/I-90.
 - Representative of sensitive receptors that are in the vicinity of I-80/I-90, such as those near the most northern proposed turbine locations (T24, T75, T27, T23, T28, T31, T33, etc.).
- Monitor 2:
 - Rural residential area without a farming operation on the monitored parcel
 - Setback from local road, comparable to setback distances for residences along local road.
 - Near a rail line (with a crossing slightly less than half a mile to the north), but not directly adjacent to the rail line.
 - Representative of residential areas on local roads near northeastern turbine locations (T14, T15, T17, T19, T20, etc.), but over 2 miles away from I-80/I-90.
- Monitor 3:
 - Rural residential area in the northern portion of the Project area without a farming operation on the monitored parcel, but next to an agricultural field.
 - Rail-line slightly under 1 mile to the north with the nearest crossing approximately 1.2 miles to the northeast.
 - Near a major collector road (525 feet south of Edison Highway) which has residences along it.
 - Adjacent to a local road (328 feet west of Yingling Road) which has residences along it.
 - Representative of residential areas on local roads but near a major collector road near northern turbine locations (T18, T21, T22, etc.)
- Monitor 4:

- Rural residential area near the middle of the Project area adjacent to agricultural fields, but without a farming operation adjacent to the monitor.
 - On a local road (246 feet southeast Young Road) with residences along it.
 - Near a minor arterial road (738 feet east of OH-4) which has residences along it.
 - Representative of residential areas on local roads but near a minor arterial road near turbine locations in the middle of the Project area (T29, T32, T26, T75, etc.)
- Monitor 5
 - Rural residential area in the middle of the Project area near a forested area as nearby residences are.
 - On a local road (75 feet west of Dogtown Road) away from heavier traveled roads.
 - Representative of residential areas on local roads away from more well-traveled roads near turbine locations in the middle of the Project area (T42, T77, T44, T45, T76, etc.).
- Monitor 6
 - Farm residence near the southern portion of the Project area.
 - Along a minor arterial road (154 feet east of OH-4) as other residences within the Project area are.
 - Agricultural operation at the monitoring parcel similar to other farm residences throughout the Project area.
 - Representative of farm residences on a minor arterial road that runs through the Project area.
- Monitor 7
 - Rural residence in the southern portion of the Project area.
 - Adjacent to a local road (121 feet south of Sherman-Norwich Road) which has residences along it.
 - Near agricultural fields similar to nearby residences, but without agricultural operations at the monitored parcel.
 - Representative of rural residences on local roads away from more well-traveled roads near turbine locations in the southern Project area (T54, T55, T58, etc.)
- Monitor 8
 - Rural residence in the southern portion of the Project area.
 - Adjacent to a local road (131 feet west of Townline Road 26) which has residences along it.
 - Near agricultural fields similar to nearby residences, but without agricultural operations at the monitored parcel. Parcels with larger sections of forest nearby.
 - Representative of rural residences on local roads away from more well-traveled roads near turbine locations in the southern Project area (T60, T62, T79, etc.)
- Monitor 9

- Farm residence at the southern extent of the Project area.
- Along principal arterial road (197 feet north of US-224) as are other residences in the area.
- Agricultural operation at the monitoring parcel similar to other farm residences throughout the Project area.
- Representative of farm residences on or near a principal arterial road near turbine locations at the southern end of the Project area (T82 and T83).

6. For each of the modeled noise scenarios, how many turbines would need to operate in a noise reduced operation (NRO)?

Response: For all modeled scenarios, no turbines are modeled as operating with NRO. That is, no NRO is needed to achieve the model results presented in the Noise Impact Assessment presented in Exhibit G to the January 31, 2019 Application.

7. Please provide a table showing modeled operational noise impacts rounded to the closest tenth of a dBA at sensitive noise receptors for all proposed turbines. Please create a PDF version to be e-filed and an excel version for Staff review.

Response: Please see **Attachment A**. The excel version was provided to OPSB Staff.

8. What is the max cut out speed for all of the proposed turbines?

Response:

N149 – 26 meters per second (“m/s”)
V150 – 24.5m/s
SG145 - 27m/s
GE140 – 30m/s
GE158 – 25m/s

9. What is the tip speed for all of the proposed turbines?

Response: Based on the rotor diameter and rotations per minutes (“rpm”), please see the below. Please note, Siemens Gamesa did not list a maximum rpm, so this calculation assumed the maximum rpm from the remaining turbines, which was 12.6 rpm for the Vestas V150.

N149 – 215 miles per hour (“mph”)
V150 – 221mph
SG145 - 214mph
GE140 – 174mph
GE158 – 180mph

10. Regarding the Buckeye Trail and North Coast Inland Trail: How would collector lines cross these trails? Would they be open cut or drilled underneath? Do access

roads cross either trail? Would these trails need to be temporarily closed in portions within the project area for construction or operation?

Response: Collection lines will cross the Buckeye Trail and the North Coast Inland Trail through boring underneath the trail. Access roads do not cross either trail, though the Buckeye Trail in the Project is Sherman-Norwich Road, Old Military Road, and North Greenfield Road, and there are access roads proposed to be built off of these roads. The North Coast Inland Trail locally is operated by the Firelands Rails to Trails organization ("FRTT"). FRTT has sought to coordinate with the Applicant closer to construction to determine if the trail needs to be temporarily closed for a day or two based on the construction schedule/plans. If necessary, the organization has existing forms and procedures for trail closures. The Buckeye Trail is located on the above-listed roads, which will remain open as public road, unless short temporary road closures are required in the transportation plan for crane crossings or culvert repair.

- 11. Has the Applicant coordinated with the Ohio Department of Natural Resources (ODNR) Division of Parks and Watercraft for potential impacts to the Buckeye Trail, the North County National Scenic Trail, and surrounding wildlife areas including but not limited to the Erie Sand Barrens Nature Preserve, the Milan Wildlife Area, the Galpin Wildlife Area, and the Bellevue Reservoir? Please submit all coordination documents. If coordination isn't necessary, please explain the rationale for not coordinating.**

Response: The Applicant has not coordinated with ODNR Division of Parks and Watercraft regarding the listed potential impacts. These resources are discussed in the Visual Impact Assessment, which was submitted as a Supplement to the Application on March 18, 2019, and in O.A.C. Section 4906-4-09 of the Application at pages 207-210. Impacts to these resources are expected to be minimal, due to either the distance from the Project (Erie Sand Barrens Nature Preserve is approximately 1.9 miles from the nearest turbine, Milan Wildlife Area is approximately 2 miles from the nearest turbine, the Galpin Wildlife Area is approximately 3.7 miles from the nearest turbine) or the nature of the use (i.e. transient cycling). If requested, the Applicant will coordinate with the ODNR Division of Parks and Watercraft regarding the Emerson Creek Wind Farm and any potential impacts on local and regional resources.

- 12. Please provide all coordination efforts that have taken place between ODNR, the U.S. Fish and Wildlife Service (USFWS), and the Applicant since the application was filed. The last correspondence in the application is from October, 2018.**

Response: See attached coordination efforts. Additional coordination have included email correspondence with ODNR to concur that surveys recommended by the ODNR have been completed, coordination with regional USFWS eagle coordinator (details provided in next question), and receipt of a Technical Assistance Letter for federally listed bats from USFWS.

- 13. Please submit and thoroughly explain all coordination efforts with the USFWS, specifically regarding avoiding impacts to the Bald Eagle, including whether the Applicant has coordinated with the appropriate Eagle Coordinator from the USFWS for review of the potential impacts and avoidance measures necessary for the project. Please submit all documentation related to this, and all plans regarding this topic to Staff.**

Response: Please see **Attachment B**, which reflect the Applicant's coordination efforts with USFWS. We talked to previous region eagle coordinator (Chris Mensing) and have reached out to current coordinator (Mags Rheude) to provide data and discuss risk to eagles at the Project. We intend to continue these conversations with USFWS.

- 14. Have habitat suitability surveys been conducted by an approved herpetologist for the Blanding's Turtle, the Kirtland's snake and the smooth greensnake? Have any of these studies been completed? If so please submit them to Staff. If not, please explain your plan for conducting these studies.**

Response: During consultations with ODNR since 2010, surveys for these species were not requested. If requested at this time, a desktop assessment will be completed to determine if habitat for each species occurs within the Project based on historic records and preferred habitat. This desktop assessment will be used to determine if potential impacts to these habitats may occur and if impacts can be avoided. Field surveys may also be conducted to verify habitat identified by the desktop assessment. If impact to appropriate habitat for these species cannot be avoided, then surveys to determine presence and/or relocate any found individuals will be completed by a qualified herpetologist.

- 15. Please explain the Applicant's plan for avoiding impacts to mussel species and fish species that are protected in the state of Ohio. Will in-water work occur at any locations for the project? Will in-water work occur in any perennial streams in the project? If so, please explain why this cannot be avoided and the plan to avoid impacts moving forward. If no in-water work would occur, please explain how the Applicant will avoid in-water work.**

Response: The project has been designed to avoid impacts to streams to the extent practicable. Based on current design, there will be 12 locations that we will not be able to avoid in-water work due to turbine access roads. Mussel habitat assessments are currently being conducted to inform if there is a potential for mussels to occur within the areas planned for in-water work. If mussels are identified and the facilities cannot be shifted, the mussels will be relocated in accordance with state requirements.

- 16. ODNR lists six species of endangered birds that the project could potentially impact, including the upland sandpiper, the northern harrier, the cattle egret, the American bittern, the common tern and the king rail. Please explain the Applicant's plan to**

avoid impacts to these species, including whether the Applicant will be avoiding their respective nesting periods, avoiding their habitat altogether, etc.

Response: Avian surveys have been extensive and conducted from 2010 to 2019, including specific surveys during the breeding season for birds. Only the northern harrier has been observed during any of the avian surveys and/or incidentally. Due to the extent of the surveys, the other species are unlikely to occur at the Project. Northern harrier breeding habitat, as defined by the ODNR, does not exist in the Project area, so breeding habitat impacts will be avoided. Impacts are anticipated to be avoided for the five additional species listed in the question because these species were not observed in the project area during avian surveys.

- 17. ODNR lists several bat species that are listed as Species of Concern on top of the federal and state listed Indiana and Northern Long-eared bats. Please explain how the Applicant plans on avoiding impacts to suitable habitat for these species as it relates to tree clearing specifically.**

Response: Clearing of trees within 2.5 miles of the Indiana bat records will occur in the winter (Oct 1-March 31) when bats are not expected to use the Project area. Tree clearing within the remainder of the project will not occur in June/July during the maternity and pupping season for bats.

Respectfully submitted,

/s/ Christine M.T. Pirik

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Attorneys for Firelands Wind, LLC

Attachment 1

Modeled Operational Noise

/s/ Christine M.T. Pirik

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Attorneys for Firelands Wind, LLC

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	34.5	33.7	34.8	34.8	36.2	33.5	34.3	36.2
2	Non-participating	38.5	37.7	38.9	38.9	40.2	37.8	38.5	40.2
3	Non-participating	40.9	40.2	41.5	41.4	42.8	40.6	41.2	42.8
4	Non-participating	33.1	32.3	33.3	33.3	34.8	32.1	32.8	34.8
5	Non-participating	38.8	38.0	39.2	39.1	40.5	38.1	38.8	40.5
6	Participating	44.3	43.6	45.1	45.0	46.5	44.5	44.9	46.5
7	Non-participating	42.8	42.1	43.4	43.4	44.8	42.6	42.9	44.8
8	Non-participating	34.9	34.1	35.3	35.2	36.6	34.1	34.8	36.6
9	Non-participating	39.6	38.8	40.1	40.1	41.4	39.1	39.9	41.4
10	Non-participating	37.2	36.4	37.6	37.6	39.0	36.4	36.9	39.5
11	Participating	43.7	42.9	44.3	44.3	45.6	43.5	43.8	45.7
12	Participating	38.3	37.5	38.7	38.8	40.0	37.6	38.2	40.0
13	Non-participating	36.6	35.8	36.9	36.9	38.3	35.6	36.4	38.4
14	Non-participating	34.5	33.8	34.8	34.8	36.3	33.6	34.5	36.3
15	Non-participating	41.9	41.1	42.5	42.5	43.9	41.8	41.9	45.6
16	Non-participating	38.6	37.8	39.0	39.0	40.3	37.9	38.7	40.3
17	Non-participating	33.2	32.4	33.6	33.5	35.0	32.4	33.0	35.8
18	Non-participating	33.9	33.1	34.1	34.1	35.6	32.8	33.6	35.6
19	Participating	41.0	40.5	41.3	41.3	42.3	40.7	41.1	42.3
20	Non-participating	37.2	36.4	37.5	37.5	38.9	36.4	37.2	39.0
21	Non-participating	41.2	40.5	41.8	41.8	43.2	40.9	41.2	43.3
22	Non-participating	34.6	33.8	34.8	34.8	36.3	33.5	34.0	40.3
23	Non-participating	37.4	36.6	37.8	37.8	39.2	36.6	37.3	39.2
24	Non-participating	30.9	30.1	31.1	31.0	32.6	29.6	30.6	32.6
25	Non-participating	41.7	40.9	42.2	42.2	43.6	41.3	41.7	43.7
26	Non-participating	42.9	42.1	43.5	43.5	44.9	42.7	43.1	44.9
27	Participating	40.2	39.4	40.7	40.7	42.0	39.7	40.4	42.0
28	Non-participating	36.6	35.8	37.0	37.0	38.4	35.9	36.7	38.4
29	Non-participating	40.5	39.7	41.1	41.1	42.5	40.3	40.9	42.5
30	Non-participating	40.3	39.5	40.9	40.9	42.3	40.1	40.7	42.3
31	Non-participating	41.0	40.2	41.6	41.6	42.9	40.7	41.4	42.9
32	Non-participating	44.3	43.6	45.1	45.1	46.5	44.5	44.7	46.5
33	Participating	41.3	40.5	41.9	41.8	43.2	41.0	41.6	43.2
34	Participating	39.9	39.1	40.4	40.3	41.7	39.4	39.9	41.7
35	Non-participating	36.5	35.8	36.9	36.9	38.3	35.8	36.5	38.3
36	Non-participating	35.8	35.1	36.2	36.1	37.6	34.9	35.7	37.6
37	Non-participating	40.2	39.4	40.8	40.8	42.2	40.0	40.6	42.2
38	Non-participating	38.3	37.5	38.8	38.8	40.1	37.9	38.4	40.1
39	Non-participating	37.7	36.9	38.0	38.0	39.4	36.8	37.5	39.4
40	Non-participating	38.7	37.9	39.2	39.1	40.5	38.2	38.9	40.5
41	Non-participating	37.6	36.9	38.1	38.0	39.5	37.0	37.8	39.5
42	Non-participating	33.5	32.7	33.9	33.8	35.3	32.7	33.5	35.3

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)
43	Non-participating	37.5	36.8	38.1	38.0	39.4	37.1	37.8	39.4
44	Non-participating	39.9	39.1	40.4	40.4	41.8	39.5	40.2	41.8
45	Non-participating	40.9	40.1	41.4	41.4	42.8	40.5	41.2	42.8
46	Non-participating	39.5	38.8	39.9	39.9	41.2	38.9	39.6	41.2
47	Non-participating	40.8	40.0	41.3	41.3	42.7	40.4	40.9	42.7
48	Participating	35.7	34.9	36.0	35.9	37.4	34.7	35.2	37.5
49	Non-participating	34.7	33.9	34.9	34.9	36.4	33.6	34.5	36.4
50	Non-participating	38.4	37.6	38.9	38.9	40.3	38.0	38.2	40.3
51	Non-participating	37.8	37.1	38.1	38.1	39.5	36.9	37.6	39.6
52	Non-participating	37.8	37.0	38.3	38.3	39.7	37.4	37.8	39.7
53	Non-participating	35.0	34.2	35.4	35.4	36.8	34.3	35.0	37.5
54	Participating	43.7	43.0	44.4	44.4	45.8	43.6	43.9	45.8
55	Non-participating	31.6	30.8	31.8	31.7	33.3	30.4	31.3	33.3
56	Non-participating	35.3	34.5	35.6	35.6	37.1	34.4	35.3	37.1
57	Non-participating	39.5	38.7	39.9	39.9	41.3	38.9	39.7	41.3
58	Non-participating	40.7	39.9	41.1	41.1	42.4	40.0	40.5	42.5
59	Non-participating	42.3	41.6	43.0	43.0	44.4	42.3	42.4	44.4
60	Non-participating	34.4	33.6	34.7	34.6	36.1	33.4	34.2	36.1
61	Non-participating	32.1	31.3	32.4	32.4	33.8	31.2	31.6	33.8
62	Non-participating	35.7	34.9	36.0	36.0	37.4	34.9	35.7	37.4
63	Non-participating	43.4	42.7	44.1	44.0	45.4	43.3	43.9	45.4
64	Participating	44.3	43.6	45.0	45.0	46.4	44.3	44.8	46.4
65	Non-participating	36.9	36.1	37.3	37.2	38.7	36.2	36.4	40.0
66	Non-participating	38.4	37.7	38.9	38.9	40.2	37.8	38.2	40.5
67	Non-participating	35.4	34.6	35.7	35.6	37.1	34.4	34.9	38.1
68	Non-participating	40.5	39.7	41.0	41.0	42.4	40.1	40.6	42.4
69	Non-participating	31.8	31.0	32.1	32.1	33.5	30.8	31.4	33.5
70	Non-participating	36.5	35.7	36.8	36.7	38.2	35.6	36.0	38.6
71	Non-participating	36.7	36.0	37.0	37.0	38.4	35.8	36.5	38.4
72	Non-participating	38.8	38.0	39.2	39.3	40.6	38.2	38.9	40.6
73	Non-participating	34.5	33.7	34.8	34.8	36.2	33.5	34.1	36.2
74	Non-participating	38.7	37.9	39.3	39.2	40.6	38.3	38.5	40.6
75	Participating	38.1	37.4	38.5	38.4	39.8	37.3	38.1	39.8
76	Non-participating	37.5	36.7	37.8	37.8	39.2	36.6	37.4	39.2
77	Participating	46.8	46.1	47.7	47.6	49.1	47.1	47.2	49.1
78	Non-participating	36.6	35.8	37.0	36.9	38.4	35.7	36.6	38.5
79	Non-participating	40.6	39.8	41.3	41.3	42.7	40.6	40.7	42.8
80	Non-participating	34.0	33.2	34.4	34.3	35.8	33.2	33.6	35.8
81	Non-participating	32.9	32.1	33.3	33.2	34.6	32.1	32.4	34.6
82	Non-participating	36.0	35.2	36.3	36.3	37.7	35.0	35.7	37.7
83	Non-participating	38.6	37.8	39.1	39.0	40.4	38.0	38.4	40.4
84	Non-participating	34.9	34.1	35.2	35.1	36.6	33.9	34.8	36.6

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)
85	Non-participating	39.7	38.9	40.4	40.3	41.7	39.6	39.7	41.8
86	Participating	38.4	37.6	38.9	38.8	40.2	37.9	38.6	40.3
87	Participating	44.6	43.9	45.5	45.4	46.9	44.9	45.3	46.9
88	Non-participating	38.0	37.2	38.5	38.5	39.9	37.6	37.8	39.9
89	Non-participating	40.8	40.1	41.5	41.4	42.8	40.7	41.3	42.8
90	Non-participating	34.7	33.9	35.0	35.0	36.4	33.9	34.6	36.4
91	Participating	43.8	43.1	44.5	44.4	45.8	43.6	44.1	45.8
92	Non-participating	36.1	35.3	36.3	36.3	37.8	35.0	35.9	37.8
93	Non-participating	38.2	37.4	38.5	38.5	39.9	37.3	37.9	39.9
94	Non-participating	41.1	40.3	41.6	41.6	43.0	40.8	41.0	46.1
95	Non-participating	43.3	42.6	44.0	44.0	45.4	43.3	43.5	46.3
96	Non-participating	44.1	43.3	44.8	44.8	46.2	44.2	44.7	46.2
97	Non-participating	34.0	33.2	34.3	34.2	35.7	33.0	33.8	35.7
98	Non-participating	41.8	41.1	42.4	42.4	43.7	41.5	42.2	43.7
99	Non-participating	35.4	34.6	35.7	35.7	37.2	34.5	35.4	37.2
100	Non-participating	39.1	38.3	39.5	39.5	40.9	38.5	39.2	41.0
101	Participating	35.3	34.5	35.6	35.5	37.0	34.3	35.0	37.0
102	Non-participating	43.0	42.2	43.6	43.6	45.0	42.8	43.3	45.0
103	Non-participating	40.3	39.5	40.8	40.8	42.2	39.9	40.2	42.2
104	Non-participating	44.1	43.4	44.8	44.7	46.1	44.0	44.4	46.1
105	Participating	35.7	34.9	35.9	35.9	37.3	34.5	35.4	37.3
106	Non-participating	37.1	36.3	37.4	37.4	38.8	36.3	36.6	39.2
107	Non-participating	39.0	38.2	39.5	39.5	40.9	38.5	39.2	40.9
108	Non-participating	33.4	32.6	33.6	33.7	35.1	32.3	33.1	35.1
109	Non-participating	33.4	32.6	33.6	33.6	35.1	32.3	33.0	35.2
110	Non-participating	35.9	35.2	36.2	36.2	37.7	35.0	35.7	37.7
111	Non-participating	39.2	38.5	39.8	39.8	41.2	38.9	39.5	41.2
112	Participating	36.7	35.9	37.2	37.2	38.6	36.3	36.9	39.0
113	Participating	42.2	41.4	42.9	42.8	44.2	42.1	42.7	44.2
114	Non-participating	41.3	40.5	41.9	41.9	43.2	41.1	41.2	46.1
115	Non-participating	37.9	37.1	38.3	38.3	39.7	37.2	37.6	40.0
116	Non-participating	34.8	34.0	35.1	35.1	36.6	33.9	34.8	36.6
117	Non-participating	33.0	32.2	33.3	33.3	34.7	32.1	32.5	34.7
118	Participating	37.5	36.9	37.7	37.7	38.9	36.8	37.4	38.9
119	Non-participating	35.9	35.1	36.2	36.2	37.6	35.0	35.7	37.6
120	Non-participating	39.6	39.2	39.8	39.8	40.6	39.1	39.5	40.6
121	Non-participating	34.5	33.7	34.8	34.8	36.3	33.5	34.0	38.4
122	Non-participating	36.9	36.1	37.2	37.2	38.6	36.1	36.5	38.9
123	Non-participating	38.6	37.8	39.0	39.0	40.4	37.9	38.6	40.4
124	Non-participating	38.7	37.9	39.1	39.1	40.5	38.1	38.9	40.5
125	Non-participating	36.6	35.8	36.8	36.8	38.3	35.5	36.3	38.3
126	Non-participating	28.9	28.1	29.0	28.9	30.7	27.5	28.4	30.7

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)
127	Non-participating	42.4	41.6	43.1	43.0	44.4	42.3	42.4	45.9
128	Non-participating	34.6	33.8	34.9	34.8	36.4	33.5	34.3	36.5
129	Non-participating	37.1	36.3	37.5	37.5	38.9	36.4	37.1	38.9
130	Non-participating	38.7	37.9	39.1	39.1	40.4	38.0	38.7	40.4
131	Non-participating	37.5	36.8	38.0	38.1	39.4	37.1	37.4	39.4
132	Non-participating	34.9	34.1	35.2	35.2	36.7	34.1	34.8	36.7
133	Non-participating	37.0	36.2	37.4	37.4	38.7	36.3	37.1	38.7
134	Non-participating	37.9	37.2	38.4	38.3	39.7	37.3	37.9	39.7
135	Non-participating	38.2	37.4	38.7	38.7	40.1	37.7	38.5	40.1
136	Non-participating	35.7	34.9	36.0	36.0	37.4	34.7	35.2	38.3
137	Participating	43.4	42.7	44.0	44.0	45.4	43.2	43.8	45.4
138	Non-participating	30.9	30.1	31.1	31.0	32.6	29.7	30.5	32.6
139	Non-participating	35.7	34.9	36.1	36.0	37.4	34.9	35.7	37.4
140	Non-participating	38.6	37.8	39.0	39.0	40.4	38.0	38.3	40.6
141	Non-participating	34.8	34.0	35.2	35.2	36.5	34.1	34.7	36.5
142	Non-participating	38.8	38.0	39.2	39.2	40.6	38.2	38.9	40.6
143	Participating	45.5	44.7	46.2	46.1	47.6	45.5	45.8	47.6
144	Non-participating	44.0	43.2	44.7	44.7	46.1	44.1	44.6	46.1
145	Non-participating	42.0	41.3	42.6	42.6	43.9	41.7	42.3	43.9
146	Non-participating	42.7	42.0	43.4	43.3	44.7	42.6	42.8	44.8
147	Non-participating	37.8	37.0	38.2	38.2	39.6	37.1	37.5	39.9
148	Non-participating	35.5	34.7	35.8	35.7	37.2	34.5	35.2	37.2
149	Non-participating	38.4	37.6	38.8	38.8	40.2	37.8	38.0	41.0
150	Non-participating	36.2	35.4	36.5	36.5	37.9	35.3	36.2	38.1
151	Non-participating	38.5	37.7	38.9	38.8	40.3	37.7	38.5	40.3
152	Non-participating	36.9	36.1	37.3	37.4	38.7	36.3	37.1	38.7
153	Participating	44.0	43.2	44.6	44.6	45.9	43.8	44.2	45.9
154	Non-participating	34.5	33.7	34.9	34.9	36.3	33.8	34.2	36.8
155	Non-participating	41.4	40.6	41.9	41.9	43.2	40.9	41.7	43.2
156	Non-participating	35.0	34.2	35.2	35.2	36.7	34.0	34.8	36.7
157	Non-participating	39.4	38.6	39.9	39.9	41.3	39.0	39.6	41.3
158	Non-participating	39.8	39.1	40.4	40.4	41.8	39.5	40.1	41.8
159	Non-participating	40.3	39.7	40.7	40.7	41.8	39.9	40.4	41.8
160	Non-participating	36.1	35.3	36.4	36.3	37.8	35.2	35.9	37.8
161	Non-participating	36.1	35.3	36.4	36.5	37.8	35.3	35.9	37.9
162	Non-participating	37.8	37.0	38.2	38.2	39.5	37.1	37.8	39.5
163	Non-participating	36.1	35.4	36.6	36.6	37.9	35.6	36.2	37.9
164	Non-participating	34.7	33.9	35.0	34.9	36.5	33.6	34.4	36.7
165	Non-participating	37.8	37.0	38.2	38.1	39.5	37.0	37.3	39.9
166	Non-participating	32.8	32.0	33.2	33.1	34.6	31.9	32.5	35.4
167	Non-participating	33.9	33.1	34.2	34.2	35.7	33.1	33.5	36.2
168	Non-participating	35.2	34.4	35.5	35.5	36.9	34.4	35.0	36.9

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)
169	Participating	39.4	38.6	39.9	39.8	41.2	38.9	39.6	41.2
170	Non-participating	37.9	37.1	38.3	38.3	39.7	37.3	38.1	39.7
171	Non-participating	41.3	40.5	41.9	41.9	43.2	41.1	41.3	43.2
172	Non-participating	37.4	36.7	37.9	37.9	39.3	36.9	37.6	39.3
173	Non-participating	37.5	36.7	37.8	37.8	39.2	36.6	37.4	39.2
174	Non-participating	40.4	39.6	40.9	40.9	42.2	39.9	40.6	42.2
175	Non-participating	34.2	33.4	34.4	34.4	35.9	33.1	33.6	36.6
176	Non-participating	38.4	37.6	38.9	38.9	40.2	37.8	38.2	40.6
177	Non-participating	34.4	33.6	34.7	34.6	36.1	33.3	33.8	38.4
178	Non-participating	36.0	35.3	36.4	36.4	37.8	35.3	35.6	38.0
179	Non-participating	36.6	35.8	37.0	37.0	38.4	35.9	36.3	38.4
180	Non-participating	39.9	39.1	40.4	40.3	41.7	39.4	39.7	41.7
181	Non-participating	39.1	38.4	39.6	39.6	41.0	38.6	39.0	41.0
182	Non-participating	42.8	42.1	43.6	43.5	44.9	42.9	43.2	44.9
183	Non-participating	35.6	34.8	36.0	36.0	37.4	34.9	35.4	37.7
184	Non-participating	34.4	33.6	34.7	34.6	36.1	33.4	34.1	36.1
185	Non-participating	36.1	35.4	36.5	36.5	37.9	35.5	36.1	37.9
186	Non-participating	42.3	41.5	42.9	42.9	44.3	42.1	42.7	44.3
187	Participating	36.8	36.0	37.2	37.2	38.6	36.2	36.7	38.8
188	Non-participating	33.9	33.1	34.1	34.1	35.6	32.8	33.4	35.6
189	Non-participating	39.8	39.0	40.2	40.2	41.5	39.1	39.9	41.5
190	Non-participating	37.4	36.6	37.6	37.6	39.0	36.4	37.1	39.1
191	Non-participating	40.6	39.8	41.1	41.1	42.5	40.2	40.5	42.6
192	Non-participating	38.4	37.7	38.9	38.9	40.2	37.8	38.2	40.5
193	Non-participating	41.3	40.5	41.9	41.8	43.2	41.0	41.4	43.2
194	Non-participating	36.8	36.0	37.1	37.0	38.5	35.8	36.5	38.5
195	Non-participating	34.4	33.6	34.8	34.8	36.1	33.5	34.2	36.1
196	Non-participating	35.3	34.5	35.6	35.6	37.0	34.5	35.3	37.0
197	Participating	48.1	47.3	48.8	48.8	50.2	48.2	48.7	50.2
198	Non-participating	37.0	36.2	37.4	37.4	38.8	36.3	36.6	46.9
199	Non-participating	40.9	40.2	41.5	41.5	42.9	40.6	40.8	46.0
200	Non-participating	43.2	42.4	43.9	43.8	45.2	43.1	43.4	45.2
201	Non-participating	34.7	33.9	35.1	35.1	36.5	34.0	34.5	36.5
202	Non-participating	38.9	38.2	39.3	39.3	40.7	38.3	39.0	40.7
203	Non-participating	36.8	36.0	37.1	37.1	38.5	35.9	36.7	38.6
204	Non-participating	38.3	37.6	38.9	38.9	40.3	38.1	38.2	40.4
205	Non-participating	35.8	35.0	36.1	36.1	37.5	34.9	35.7	37.5
206	Non-participating	41.1	40.3	41.7	41.7	43.1	41.0	41.4	43.1
207	Participating	42.7	41.9	43.4	43.4	44.8	42.8	43.3	44.8
208	Non-participating	37.0	36.2	37.3	37.3	38.7	36.0	36.9	38.7
209	Non-participating	39.9	39.2	40.4	40.4	41.8	39.4	40.1	41.8
210	Non-participating	38.8	38.0	39.2	39.2	40.6	38.2	38.6	40.9

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)
211	Non-participating	42.2	41.4	43.0	42.9	44.4	42.4	42.4	44.4
212	Participating	40.8	40.0	41.3	41.3	42.6	40.3	41.1	42.7
213	Non-participating	36.4	35.6	36.7	36.7	38.2	35.6	36.3	38.2
214	Participating	41.7	41.0	42.3	42.3	43.6	41.4	41.9	43.6
215	Non-participating	35.7	35.0	36.0	36.0	37.5	34.8	35.6	37.5
216	Non-participating	39.8	39.0	40.3	40.3	41.7	39.5	40.1	41.7
217	Non-participating	40.9	40.1	41.5	41.5	42.9	40.7	41.3	42.9
218	Non-participating	39.9	39.2	40.5	40.5	41.8	39.6	40.2	41.8
219	Non-participating	37.4	36.6	37.7	37.7	39.1	36.4	37.3	39.1
220	Non-participating	39.9	39.1	40.5	40.4	41.8	39.6	40.2	41.8
221	Non-participating	43.4	42.6	44.0	44.0	45.4	43.3	43.8	45.4
222	Participating	43.4	42.7	44.1	44.1	45.5	43.3	43.7	45.5
223	Non-participating	36.3	35.5	36.6	36.5	38.0	35.4	36.0	38.0
224	Non-participating	39.0	38.2	39.5	39.5	40.9	38.6	39.2	40.9
225	Non-participating	43.4	42.7	44.0	44.0	45.4	43.2	43.5	45.4
226	Non-participating	34.4	33.6	34.7	34.6	36.1	33.4	34.2	36.1
227	Non-participating	44.3	43.6	45.0	45.0	46.4	44.3	44.6	46.4
228	Non-participating	42.2	41.4	42.7	42.7	44.1	41.8	42.5	44.1
229	Non-participating	37.4	36.6	37.8	37.8	39.2	36.6	37.3	39.2
230	Non-participating	39.6	38.9	40.2	40.1	41.5	39.2	39.9	41.5
231	Non-participating	40.2	39.4	40.7	40.7	42.0	39.7	40.4	42.0
232	Non-participating	43.8	43.0	44.5	44.5	45.9	43.8	44.2	45.9
233	Non-participating	44.0	43.2	44.7	44.7	46.1	44.1	44.4	46.1
234	Non-participating	40.9	40.4	41.2	41.2	42.3	40.5	41.0	42.3
235	Non-participating	38.1	37.3	38.5	38.5	39.9	37.5	37.8	40.1
236	Non-participating	38.3	37.5	38.7	38.7	40.0	37.6	38.4	40.0
237	Non-participating	40.1	39.4	40.7	40.6	42.0	39.7	40.4	42.0
238	Non-participating	29.3	28.5	29.4	29.3	31.0	27.9	28.9	31.0
239	Non-participating	35.4	34.6	35.7	35.7	37.1	34.5	35.3	37.1
240	Non-participating	38.1	37.3	38.6	38.6	39.9	37.7	38.2	39.9
241	Participating	38.5	37.7	38.9	38.9	40.3	37.9	38.1	40.6
242	Non-participating	37.2	36.5	37.8	37.7	39.2	36.9	37.0	39.4
243	Non-participating	34.1	33.3	34.5	35.1	35.8	33.3	34.0	35.8
244	Non-participating	36.4	35.6	36.9	36.8	38.3	35.9	36.2	38.3
245	Non-participating	39.3	38.5	39.8	39.8	41.2	38.8	39.5	41.2
246	Non-participating	35.7	35.0	36.1	36.0	37.5	34.8	35.2	41.7
247	Non-participating	30.7	29.9	30.9	30.8	32.4	29.4	30.4	32.4
248	Non-participating	37.7	36.9	38.1	38.0	39.4	36.9	37.2	39.9
249	Non-participating	33.3	32.5	33.6	33.6	34.9	32.2	33.0	34.9
250	Non-participating	37.2	36.4	37.6	37.6	39.0	36.6	36.9	39.0
251	Non-participating	37.3	36.5	37.7	37.6	39.1	36.5	37.0	39.1
252	Participating	40.9	40.1	41.3	41.3	42.7	40.3	41.1	42.7

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)
253	Participating	36.3	35.6	36.7	36.7	38.1	35.6	36.4	38.1
254	Non-participating	40.1	39.4	40.7	40.7	42.1	39.8	40.0	44.1
255	Non-participating	40.8	40.0	41.4	41.3	42.8	40.5	40.7	42.9
256	Non-participating	31.6	30.8	31.8	31.8	33.3	30.5	31.2	33.3
257	Non-participating	28.8	28.0	29.0	28.8	30.6	27.5	28.4	30.6
258	Non-participating	33.6	32.9	34.0	34.0	35.4	32.8	33.5	35.4
259	Participating	35.0	34.2	35.3	35.3	36.8	34.1	34.8	37.2
260	Non-participating	36.6	35.8	36.9	36.8	38.3	35.7	36.0	38.7
261	Non-participating	40.2	39.4	40.7	40.6	42.0	39.7	40.3	42.0
262	Non-participating	34.4	33.6	34.7	34.7	36.2	33.5	34.3	36.2
263	Non-participating	36.6	35.8	37.0	37.0	38.4	36.0	36.3	38.4
264	Non-participating	41.0	40.3	41.6	41.6	43.0	40.7	41.4	43.0
265	Non-participating	39.7	39.0	40.1	40.1	41.4	39.2	39.8	41.4
266	Non-participating	38.0	37.2	38.4	38.4	39.8	37.3	37.7	40.1
267	Non-participating	34.3	33.5	34.5	34.5	36.0	33.1	33.9	36.1
268	Non-participating	35.9	35.1	36.3	36.3	37.7	35.1	36.0	37.7
269	Non-participating	33.9	33.1	34.2	34.1	35.6	32.9	33.8	35.6
270	Non-participating	37.2	36.4	37.5	37.5	38.9	36.3	37.1	38.9
271	Non-participating	37.0	36.2	37.4	37.4	38.8	36.4	37.1	38.8
272	Non-participating	40.8	40.0	41.5	41.5	42.9	40.8	40.9	42.9
273	Non-participating	38.1	37.4	38.6	38.6	40.0	37.7	38.4	40.1
274	Participating	34.2	33.4	34.4	34.4	35.9	33.1	33.7	36.5
275	Participating	44.9	44.2	45.7	45.6	47.1	45.0	45.1	47.8
276	Non-participating	34.5	33.7	34.7	34.7	36.2	33.4	33.9	38.6
277	Participating	44.5	43.7	45.3	45.2	46.7	44.7	45.1	46.7
278	Non-participating	41.1	40.4	41.8	41.8	43.2	41.1	41.3	43.2
279	Participating	42.9	42.1	43.7	43.6	45.1	43.2	43.6	45.2
280	Participating	47.1	47.0	47.1	47.1	47.3	47.0	47.1	47.3
281	Non-participating	39.6	38.8	40.0	39.9	41.3	38.9	39.7	41.4
282	Participating	36.0	35.2	36.3	36.3	37.7	35.1	35.8	37.7
283	Non-participating	36.7	35.9	37.1	37.0	38.5	35.9	36.7	38.5
284	Non-participating	40.4	39.6	40.9	40.9	42.3	40.0	40.3	42.3
285	Non-participating	39.3	38.6	39.8	39.7	41.1	38.7	39.4	41.1
286	Non-participating	38.0	37.2	38.5	38.5	39.9	37.5	37.8	39.9
287	Non-participating	37.2	36.4	37.4	37.4	38.9	36.2	37.1	38.9
288	Participating	42.8	42.1	43.6	43.5	45.0	42.9	43.3	45.0
289	Non-participating	34.9	34.1	35.2	35.1	36.6	33.9	34.7	36.6
290	Non-participating	33.2	32.4	33.5	33.4	35.0	32.2	32.9	35.0
291	Non-participating	40.1	39.4	40.6	40.6	41.9	39.6	40.3	41.9
292	Non-participating	33.9	33.1	34.1	34.1	35.6	32.8	33.6	35.6
293	Non-participating	37.9	37.1	38.2	38.2	39.6	37.1	37.8	39.7
294	Participating	39.3	38.5	39.8	39.8	41.2	38.8	39.1	41.3

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)
295	Non-participating	36.4	35.6	36.7	36.7	38.1	35.5	35.9	38.5
296	Participating	33.3	32.5	33.5	33.5	35.0	32.1	33.1	35.0
297	Non-participating	32.7	31.9	33.1	33.0	34.4	31.8	32.2	34.4
298	Participating	41.8	41.1	42.4	42.4	43.8	41.6	42.2	43.8
299	Non-participating	39.3	38.6	39.9	39.8	41.2	38.9	39.6	41.2
300	Non-participating	36.8	36.0	37.2	37.2	38.6	36.1	36.9	38.6
301	Non-participating	37.6	36.9	38.2	38.2	39.6	37.3	37.5	39.8
302	Non-participating	33.9	33.1	34.2	34.1	35.6	32.9	33.7	35.6
303	Non-participating	37.7	36.9	38.1	38.1	39.5	37.0	37.4	39.5
304	Non-participating	42.9	42.2	43.6	43.6	45.0	42.9	43.0	46.5
305	Participating	41.1	40.4	41.6	41.6	42.9	40.6	41.0	43.2
306	Non-participating	33.3	32.5	33.5	33.6	35.0	32.2	32.9	35.0
307	Non-participating	35.2	34.4	35.5	35.4	36.9	34.2	35.1	36.9
308	Non-participating	32.0	31.1	32.2	32.1	33.7	30.7	31.7	33.7
309	Non-participating	35.4	34.6	35.7	35.6	37.1	34.4	35.1	37.1
310	Participating	40.0	39.3	40.5	40.5	41.8	39.4	40.0	41.9
311	Non-participating	33.4	32.6	33.6	33.7	35.1	32.3	33.0	35.2
312	Non-participating	38.5	37.8	39.0	39.0	40.3	38.0	38.7	40.3
313	Non-participating	37.3	36.5	37.7	37.7	39.1	36.6	37.0	39.1
314	Non-participating	36.3	35.5	36.6	36.7	38.0	35.4	36.3	38.0
315	Non-participating	38.0	37.3	38.5	38.5	39.9	37.5	38.2	39.9
316	Non-participating	34.3	33.5	34.6	34.6	36.0	33.2	34.0	36.1
317	Non-participating	38.2	37.4	38.5	38.5	39.8	37.4	38.1	39.8
318	Non-participating	29.5	28.7	29.7	29.7	31.3	28.4	29.1	31.3
319	Non-participating	44.0	43.2	44.7	44.7	46.1	44.1	44.5	46.1
320	Non-participating	40.5	39.7	41.0	40.9	42.3	40.0	40.7	42.3
321	Non-participating	38.6	37.8	39.1	39.0	40.4	38.0	38.4	40.6
322	Non-participating	39.0	38.2	39.4	39.4	40.8	38.4	38.7	41.0
323	Non-participating	38.2	37.4	38.6	38.6	40.0	37.6	37.9	40.3
324	Participating	38.2	37.4	38.6	38.6	40.0	37.5	38.2	40.0
325	Participating	39.3	38.5	39.8	39.9	41.2	38.9	39.6	41.2
326	Non-participating	29.2	28.3	29.4	29.3	30.9	27.9	28.7	30.9
327	Non-participating	39.2	38.5	39.8	39.8	41.2	38.9	39.6	41.2
328	Non-participating	39.9	39.2	40.6	40.6	42.0	39.9	40.4	42.2
329	Non-participating	38.9	38.1	39.6	39.5	40.9	38.8	39.3	41.1
330	Non-participating	42.4	41.6	43.1	43.0	44.4	42.3	42.7	44.4
331	Non-participating	37.5	36.8	37.9	37.9	39.3	36.7	37.6	39.3
332	Participating	41.8	41.0	42.5	42.4	43.8	41.7	42.1	43.8
333	Non-participating	39.6	38.8	40.1	40.0	41.4	39.0	39.2	41.7
334	Participating	37.4	36.6	37.8	37.7	39.2	36.7	37.0	39.2
335	Non-participating	41.0	40.3	41.6	41.6	43.0	40.7	41.2	43.0
336	Participating	42.8	42.0	43.4	43.4	44.8	42.6	42.9	44.8

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)
337	Non-participating	37.0	36.2	37.4	37.4	38.8	36.3	37.1	38.8
338	Non-participating	36.4	35.6	36.7	36.7	38.1	35.6	35.9	42.7
339	Non-participating	37.6	36.9	38.2	38.2	39.5	37.2	37.6	39.5
340	Non-participating	36.6	35.9	37.0	36.9	38.4	35.8	36.1	38.8
341	Non-participating	39.6	38.8	40.1	40.0	41.4	39.1	39.3	41.8
342	Non-participating	35.1	34.3	35.5	35.5	36.8	34.4	35.0	36.8
343	Non-participating	35.6	34.8	35.9	35.9	37.4	34.7	35.2	37.4
344	Non-participating	40.9	40.1	41.5	41.5	42.8	40.6	40.9	42.8
345	Non-participating	37.4	36.7	37.6	37.6	38.8	36.5	37.0	38.9
346	Non-participating	37.2	36.4	37.5	37.5	38.9	36.3	37.0	39.0
347	Non-participating	41.9	41.1	42.6	42.5	44.0	41.9	42.4	44.0
348	Non-participating	37.8	37.0	38.2	38.2	39.6	37.1	37.3	40.3
349	Non-participating	34.3	33.5	34.7	34.6	36.1	33.5	34.0	36.6
350	Participating	41.8	41.0	42.4	42.3	43.7	41.5	42.1	43.7
351	Non-participating	41.5	40.7	42.2	42.2	43.6	41.6	42.0	43.7
352	Non-participating	39.3	38.5	39.8	39.7	41.1	38.8	39.5	41.1
353	Non-participating	41.1	40.6	41.4	41.4	42.4	40.8	41.2	42.4
354	Non-participating	37.7	36.9	38.0	38.0	39.4	36.9	37.2	39.9
355	Non-participating	38.1	37.3	38.5	38.5	39.9	37.5	37.8	40.1
356	Non-participating	34.3	33.5	34.5	34.7	35.9	33.2	34.2	35.9
357	Non-participating	36.0	35.2	36.2	36.2	37.7	35.0	35.5	37.7
358	Non-participating	32.5	31.7	32.8	32.7	34.3	31.5	32.1	34.3
359	Non-participating	36.0	35.2	36.4	36.4	37.8	35.4	35.6	37.8
360	Participating	45.8	45.0	46.6	46.5	48.0	46.0	46.4	48.0
361	Non-participating	34.9	34.1	35.1	35.1	36.6	33.8	34.7	36.6
362	Participating	40.3	39.5	40.9	40.8	42.2	39.9	40.4	42.2
363	Non-participating	31.2	30.4	31.5	31.5	32.9	30.2	30.7	32.9
364	Non-participating	38.3	37.5	38.6	38.6	40.0	37.5	38.3	40.0
365	Participating	39.4	38.6	39.8	39.7	41.2	38.7	39.5	41.2
366	Non-participating	40.0	39.2	40.5	40.4	41.8	39.4	40.1	41.8
367	Non-participating	34.8	34.0	35.1	35.1	36.5	33.9	34.2	42.8
368	Non-participating	40.7	39.9	41.2	41.2	42.6	40.3	40.6	42.7
369	Non-participating	37.4	36.6	37.7	37.7	39.1	36.5	37.2	39.1
370	Participating	42.9	42.1	43.7	43.6	45.1	43.1	43.5	45.2
371	Non-participating	40.5	39.8	41.0	41.0	42.4	40.0	40.8	42.4
372	Participating	41.0	40.2	41.5	41.4	42.8	40.5	40.9	42.9
373	Non-participating	37.6	36.9	38.0	38.0	39.4	36.9	37.3	39.7
374	Non-participating	37.2	36.4	37.5	37.5	38.9	36.2	37.0	38.9
375	Non-participating	36.4	35.6	36.7	36.7	38.1	35.4	36.2	38.1
376	Non-participating	41.6	40.8	42.2	42.1	43.5	41.3	41.7	43.5
377	Participating	38.5	37.7	38.9	38.9	40.3	37.9	38.6	40.3
378	Non-participating	37.4	36.7	37.8	37.8	39.2	36.7	37.1	39.4

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)
379	Non-participating	29.4	28.5	29.5	29.4	31.1	28.0	28.9	31.1
380	Participating	39.8	39.0	40.3	40.3	41.7	39.3	39.6	41.8
381	Non-participating	36.5	35.7	36.9	36.9	38.3	35.9	36.3	38.5
382	Participating	45.0	44.2	45.7	45.6	47.0	44.9	45.5	47.0
383	Non-participating	39.3	38.5	39.6	39.6	41.0	38.5	39.1	41.0
384	Non-participating	40.3	39.6	40.9	40.8	42.2	40.0	40.5	42.2
385	Non-participating	42.4	41.6	43.1	43.1	44.5	42.4	42.7	44.5
386	Non-participating	33.9	33.1	34.2	34.2	35.7	33.0	33.9	35.7
387	Participating	40.0	39.2	40.5	40.5	41.8	39.5	40.2	41.8
388	Non-participating	39.4	38.6	39.9	39.9	41.3	38.9	39.3	41.5
389	Non-participating	36.0	35.2	36.4	36.3	37.8	35.2	35.5	37.9
390	Participating	44.5	43.7	45.3	45.2	46.7	44.7	44.7	46.7
391	Non-participating	38.6	37.8	39.0	39.0	40.4	37.9	38.7	40.4
392	Non-participating	34.1	33.3	34.5	34.5	35.8	33.3	34.0	35.8
393	Non-participating	38.3	37.6	38.8	38.7	40.1	37.7	37.9	40.8
394	Non-participating	38.1	37.3	38.7	38.7	40.0	37.8	38.0	40.0
395	Non-participating	33.9	33.1	34.2	34.1	35.6	32.9	33.8	35.6
396	Non-participating	44.0	43.3	44.7	44.7	46.0	43.9	44.2	46.1
397	Non-participating	37.8	37.1	38.3	38.3	39.6	37.2	38.0	39.6
398	Non-participating	37.7	36.9	38.1	38.1	39.5	37.0	37.4	39.7
399	Participating	43.9	43.1	44.5	44.5	45.9	43.7	44.3	45.9
400	Non-participating	41.3	40.9	41.6	41.6	42.5	41.0	41.4	42.5
401	Non-participating	39.9	39.1	40.6	40.6	42.0	39.9	40.4	42.2
402	Non-participating	38.2	37.4	38.6	38.6	40.0	37.6	38.3	40.0
403	Non-participating	37.2	36.4	37.6	37.6	39.0	36.5	37.3	39.0
404	Participating	46.3	45.6	47.1	47.1	48.5	46.5	47.0	48.5
405	Non-participating	37.1	36.3	37.4	37.4	38.8	36.1	37.0	38.8
406	Non-participating	39.9	39.2	40.4	40.4	41.8	39.5	40.2	41.8
407	Non-participating	43.4	42.7	44.2	44.1	45.5	43.5	44.0	45.5
408	Participating	42.4	41.7	43.2	43.1	44.5	42.5	42.9	44.5
409	Non-participating	34.3	33.5	34.5	34.5	36.1	33.2	33.9	36.4
410	Non-participating	38.6	37.9	39.1	39.0	40.4	38.0	38.6	40.4
411	Non-participating	34.1	33.3	34.5	34.4	35.9	33.3	34.0	35.9
412	Participating	39.9	39.2	40.5	40.4	41.8	39.5	40.2	41.8
413	Non-participating	35.0	34.2	35.4	35.3	36.8	34.2	35.0	36.8
414	Non-participating	30.9	30.1	31.2	31.2	32.6	29.9	30.8	32.6
415	Non-participating	34.1	33.3	34.4	34.4	35.8	33.1	34.0	35.8
416	Non-participating	39.9	39.1	40.4	40.4	41.7	39.4	40.1	41.7
417	Non-participating	41.5	40.8	42.1	42.1	43.5	41.3	41.9	43.5
418	Non-participating	40.6	39.8	41.2	41.1	42.5	40.3	40.5	46.2
419	Non-participating	32.3	31.5	32.6	32.6	33.9	31.3	31.7	33.9
420	Non-participating	40.2	39.4	40.7	40.7	42.1	39.8	40.5	42.1

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)
421	Non-participating	41.1	40.3	41.7	41.6	43.0	40.8	41.4	43.0
422	Non-participating	43.4	42.6	44.0	44.0	45.4	43.3	43.8	45.4
423	Non-participating	43.5	42.8	44.2	44.1	45.5	43.4	44.0	45.5
424	Participating	41.7	40.9	42.3	42.3	43.7	41.5	42.0	43.7
425	Non-participating	39.9	39.1	40.4	40.4	41.8	39.5	40.2	41.8
426	Non-participating	37.6	36.8	37.9	37.9	39.3	36.7	37.5	39.3
427	Participating	46.9	46.2	47.6	47.6	49.0	46.9	47.5	49.0
428	Non-participating	41.6	40.8	42.3	42.2	43.6	41.5	42.1	43.6
429	Non-participating	42.6	41.8	43.2	43.1	44.5	42.3	43.0	44.5
430	Participating	38.3	37.6	38.8	38.8	40.2	37.8	38.4	40.2
431	Participating	36.1	35.3	36.3	36.3	37.8	35.0	35.8	37.8
432	Non-participating	37.1	36.4	37.6	37.6	39.0	36.6	37.0	39.0
433	Non-participating	32.1	31.3	32.4	32.4	33.9	31.2	32.1	33.9
434	Non-participating	37.3	36.5	37.6	37.6	39.0	36.5	37.0	39.0
435	Non-participating	37.4	36.6	37.8	37.7	39.2	36.6	37.3	39.3
436	Participating	35.9	35.1	36.1	36.1	37.6	34.8	35.5	37.6
437	Participating	41.0	40.3	41.6	41.6	43.0	40.8	41.3	43.0
438	Non-participating	38.3	37.5	38.6	38.6	40.0	37.4	38.0	40.1
439	Non-participating	38.1	37.3	38.5	38.5	39.9	37.4	37.8	40.1
440	Non-participating	37.1	36.3	37.6	37.5	38.9	36.5	37.2	38.9
441	Non-participating	40.7	39.9	41.3	41.3	42.6	40.5	41.0	42.6
442	Participating	39.9	39.2	40.5	40.5	41.8	39.5	40.2	41.8
443	Non-participating	40.6	39.8	41.1	41.1	42.4	40.0	40.5	42.8
444	Non-participating	38.6	37.8	39.0	39.0	40.4	38.0	38.3	40.4
445	Non-participating	37.0	36.3	37.5	37.5	38.8	36.5	37.2	38.8
446	Non-participating	30.5	29.7	30.7	30.6	32.3	29.2	30.2	32.3
447	Non-participating	42.6	41.8	43.3	43.2	44.6	42.5	42.6	46.4
448	Non-participating	37.1	36.4	37.4	37.5	38.9	36.2	37.1	38.9
449	Non-participating	38.7	37.9	39.1	39.1	40.5	38.0	38.5	40.5
450	Non-participating	34.6	33.8	34.9	34.8	36.3	33.6	34.2	36.3
451	Non-participating	43.2	42.4	43.8	43.8	45.2	43.1	43.3	46.2
452	Non-participating	38.7	37.9	39.1	39.1	40.5	38.0	38.8	40.5
453	Non-participating	35.5	34.7	35.9	35.9	37.2	34.8	35.4	37.2
454	Participating	39.2	38.4	39.6	39.6	41.0	38.6	39.4	41.0
455	Participating	34.2	33.4	34.4	34.4	35.9	33.1	33.7	36.5
456	Non-participating	37.1	36.3	37.6	37.5	39.0	36.6	36.9	39.0
457	Non-participating	37.3	36.5	37.8	37.8	39.2	36.9	37.1	39.2
458	Non-participating	39.2	38.4	39.6	39.6	41.0	38.6	39.0	41.0
459	Non-participating	38.2	37.4	38.6	38.6	39.9	37.5	37.9	40.3
460	Non-participating	37.7	36.9	38.2	38.2	39.6	37.3	38.0	39.6
461	Non-participating	40.6	39.8	41.1	41.1	42.5	40.2	40.7	42.5
462	Non-participating	36.6	35.8	37.0	37.0	38.4	35.9	36.8	38.4

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)
463	Non-participating	35.5	34.7	35.8	35.7	37.2	34.5	35.0	37.2
464	Non-participating	35.7	34.9	36.0	35.9	37.4	34.7	35.5	37.4
465	Non-participating	33.4	32.6	33.7	33.6	35.1	32.3	33.1	35.1
466	Non-participating	43.1	42.3	43.8	43.8	45.2	43.2	43.5	45.2
467	Non-participating	40.3	39.5	40.9	40.9	42.3	40.0	40.1	44.3
468	Non-participating	37.9	37.1	38.3	38.3	39.7	37.2	37.4	40.0
469	Non-participating	38.2	37.4	38.6	38.6	40.0	37.6	37.9	40.3
470	Non-participating	33.9	33.1	34.2	34.1	35.6	32.9	33.7	35.6
471	Non-participating	31.5	30.7	31.8	31.8	33.2	30.5	31.1	33.2
472	Non-participating	28.8	28.0	29.0	28.8	30.6	27.5	28.4	30.6
473	Non-participating	33.0	32.2	33.3	33.2	34.7	32.0	32.6	34.7
474	Non-participating	40.1	39.3	40.5	40.5	41.8	39.6	40.2	41.9
475	Non-participating	41.7	41.0	42.5	42.4	43.9	41.9	42.3	44.0
476	Non-participating	39.9	39.1	40.4	40.4	41.7	39.5	39.7	45.8
477	Non-participating	42.0	41.2	42.5	42.5	43.9	41.6	42.3	43.9
478	Non-participating	37.3	36.5	37.8	37.8	39.2	36.9	37.4	39.4
479	Participating	43.1	42.3	43.6	43.6	45.0	42.8	43.2	45.0
480	Non-participating	34.2	33.5	34.6	34.6	35.9	33.5	34.1	35.9
481	Non-participating	36.6	35.8	37.0	37.0	38.4	35.9	36.6	38.4
482	Non-participating	41.6	40.9	42.3	42.2	43.6	41.5	42.1	43.6
483	Non-participating	35.7	34.9	36.0	36.0	37.4	34.8	35.3	37.4
484	Non-participating	39.4	38.6	39.8	39.7	41.1	38.6	39.5	41.1
485	Non-participating	39.8	39.0	40.3	40.3	41.7	39.4	40.0	41.7
486	Non-participating	39.1	38.3	39.6	39.6	41.0	38.6	39.4	41.0
487	Participating	45.2	44.4	46.0	45.9	47.4	45.4	45.8	47.4
488	Non-participating	37.6	36.8	38.2	38.2	39.6	37.3	37.5	39.7
489	Non-participating	38.7	37.9	39.2	39.2	40.5	38.2	38.4	46.3
490	Non-participating	40.3	39.5	40.8	40.7	42.1	39.8	40.2	42.2
491	Non-participating	37.7	36.9	38.2	38.2	39.5	37.2	37.4	39.5
492	Participating	42.8	42.1	43.4	43.4	44.7	42.5	43.1	44.7
493	Non-participating	35.7	34.9	35.9	35.8	37.3	34.5	35.4	37.4
494	Non-participating	40.3	39.5	40.8	40.8	42.2	39.9	40.2	42.2
495	Non-participating	37.7	36.9	38.2	38.2	39.6	37.2	37.9	39.6
496	Participating	40.9	40.1	41.5	41.5	42.9	40.8	41.3	42.9
497	Non-participating	34.7	33.9	34.9	34.9	36.4	33.6	34.1	38.6
498	Non-participating	40.4	39.6	40.9	40.9	42.3	39.9	40.5	42.3
499	Non-participating	37.5	36.7	37.9	37.9	39.3	36.8	37.2	39.3
500	Participating	44.2	43.5	44.9	44.8	46.2	44.1	44.5	46.2
501	Non-participating	44.0	43.3	44.7	44.6	46.0	43.9	44.3	46.0
502	Non-participating	36.6	35.8	36.9	36.9	38.3	35.7	36.2	38.7
503	Participating	41.1	40.3	41.5	41.5	42.9	40.6	41.0	43.2
504	Non-participating	34.5	33.7	34.9	34.8	36.3	33.7	34.1	36.7

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)
505	Participating	35.3	34.5	35.6	35.5	37.0	34.3	34.9	37.0
506	Non-participating	35.4	34.6	35.7	35.6	37.1	34.4	35.1	37.1
507	Non-participating	36.6	35.9	37.0	37.0	38.4	35.9	36.8	38.4
508	Non-participating	39.5	38.8	39.9	39.9	41.3	38.9	39.3	41.4
509	Non-participating	39.0	38.2	39.5	39.5	40.9	38.6	39.3	40.9
510	Participating	45.0	44.2	45.8	45.7	47.1	45.2	45.5	47.1
511	Non-participating	29.6	28.7	29.8	29.7	31.3	28.4	29.1	31.3
512	Non-participating	36.4	35.6	36.7	36.7	38.1	35.5	36.1	38.1
513	Non-participating	38.7	37.9	39.1	39.1	40.5	38.1	38.9	40.5
514	Non-participating	36.3	35.5	36.6	36.5	38.0	35.3	36.2	38.1
515	Non-participating	39.2	38.7	39.5	39.5	40.6	38.7	39.2	40.6
516	Non-participating	38.1	37.3	38.5	38.4	39.9	37.3	38.2	39.9
517	Participating	40.1	39.4	40.6	40.5	41.9	39.5	40.3	41.9
518	Participating	42.9	42.1	43.6	43.6	45.0	42.9	43.4	45.0
519	Participating	44.1	43.3	44.7	44.6	46.0	43.8	44.2	46.0
520	Non-participating	39.6	38.9	40.1	40.1	41.5	39.1	39.7	41.5
521	Non-participating	37.7	36.9	38.0	38.0	39.4	36.7	37.4	39.4
522	Non-participating	31.8	31.0	32.1	32.2	33.5	30.9	31.3	33.5
523	Non-participating	41.4	40.7	42.1	42.1	43.4	41.3	41.9	43.4
524	Non-participating	37.7	37.0	38.2	38.1	39.5	37.1	37.9	39.5
525	Non-participating	36.7	35.9	37.0	36.9	38.4	35.7	36.4	38.5
526	Non-participating	34.4	33.6	34.8	34.7	36.2	33.6	34.1	36.7
527	Participating	37.6	36.8	37.9	37.9	39.3	36.7	37.5	39.3
528	Non-participating	42.5	41.8	43.2	43.1	44.6	42.4	43.0	44.6
529	Non-participating	44.1	43.3	44.8	44.7	46.1	44.0	44.6	46.1
530	Non-participating	34.5	33.8	34.9	35.0	36.3	33.9	34.2	36.3
531	Non-participating	36.3	35.5	36.7	36.7	38.1	35.6	36.0	38.1
532	Non-participating	34.8	34.0	35.2	35.2	36.6	34.1	34.6	36.6
533	Non-participating	36.0	35.3	36.4	36.4	37.8	35.3	35.5	42.9
534	Non-participating	42.7	42.0	43.4	43.3	44.7	42.6	42.8	44.8
535	Participating	37.2	36.4	37.6	37.6	39.0	36.5	37.2	39.0
536	Non-participating	36.7	35.9	37.1	37.1	38.5	36.0	36.8	38.5
537	Non-participating	31.4	30.6	31.7	31.7	33.1	30.4	30.9	33.1
538	Non-participating	38.2	37.4	38.6	38.6	40.0	37.4	38.2	40.0
539	Non-participating	36.0	35.2	36.4	36.4	37.7	35.3	36.0	37.7
540	Non-participating	40.9	40.2	41.5	41.5	42.9	40.6	40.8	43.0
541	Non-participating	43.4	42.6	44.1	44.0	45.5	43.4	43.9	45.5
542	Non-participating	33.6	32.8	33.9	33.9	35.2	32.5	33.3	35.2
543	Non-participating	38.4	37.6	38.9	38.8	40.2	37.9	38.6	40.2
544	Non-participating	39.8	39.1	40.4	40.4	41.8	39.5	39.6	43.5
545	Non-participating	36.6	35.8	37.0	36.9	38.4	35.8	36.1	38.4
546	Non-participating	40.0	39.3	40.6	40.5	41.9	39.6	40.2	41.9

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)
547	Non-participating	40.0	39.2	40.6	40.5	41.9	39.7	40.3	41.9
548	Non-participating	34.2	33.4	34.5	34.5	35.9	33.3	33.5	40.7
549	Non-participating	41.8	41.0	42.4	42.4	43.7	41.6	41.7	44.2
550	Non-participating	38.0	37.2	38.4	38.4	39.8	37.4	37.7	40.1
551	Non-participating	35.3	34.5	35.7	35.6	37.1	34.6	34.8	37.3
552	Non-participating	39.2	38.5	39.8	39.8	41.1	38.9	39.5	41.1
553	Non-participating	41.2	40.4	41.7	41.7	43.0	40.7	41.4	43.0
554	Non-participating	42.8	42.0	43.5	43.4	44.8	42.8	42.9	44.8
555	Non-participating	37.9	37.1	38.4	38.4	39.8	37.5	37.7	39.8
556	Non-participating	35.5	34.7	35.8	35.7	37.2	34.5	35.1	37.2
557	Non-participating	37.1	36.3	37.4	37.4	38.8	36.3	36.7	39.1
558	Non-participating	34.7	33.9	35.0	35.0	36.5	33.9	34.3	36.9
559	Non-participating	40.9	40.2	41.4	41.4	42.8	40.5	41.2	42.8
560	Non-participating	39.4	38.6	39.8	39.8	41.2	38.9	39.5	41.2
561	Non-participating	34.8	34.0	35.1	35.0	36.5	33.8	34.6	36.5
562	Participating	46.4	45.7	47.2	47.2	48.6	46.6	46.8	48.6
563	Participating	40.6	39.8	41.0	41.0	42.4	40.0	40.7	42.4
564	Non-participating	40.7	40.0	41.2	41.2	42.5	40.2	40.8	42.5
565	Non-participating	34.1	33.2	34.3	34.3	35.8	33.0	33.5	38.5
566	Non-participating	38.4	37.6	39.0	39.0	40.4	38.2	38.8	40.6
567	Non-participating	37.7	36.9	38.1	38.1	39.5	37.0	37.8	39.5
568	Non-participating	32.9	32.1	33.2	33.2	34.6	32.0	32.4	34.6
569	Non-participating	42.0	41.3	42.6	42.6	43.9	41.7	42.3	43.9
570	Participating	42.6	41.9	43.2	43.2	44.6	42.4	42.6	44.8
571	Participating	42.0	41.2	42.6	42.6	44.0	41.9	42.4	44.0
572	Non-participating	35.6	34.8	35.8	35.8	37.3	34.6	35.3	37.3
573	Non-participating	37.4	36.6	37.8	37.7	39.2	36.6	37.3	39.2
574	Non-participating	42.0	41.2	42.6	42.6	44.0	41.8	42.4	44.0
575	Non-participating	36.8	36.1	37.2	37.1	38.6	35.9	36.7	38.7
576	Non-participating	43.5	42.7	44.1	44.1	45.5	43.4	44.0	45.5
577	Non-participating	33.7	32.9	34.1	34.0	35.5	32.9	33.8	35.5
578	Non-participating	33.3	32.5	33.7	33.6	35.1	32.4	33.3	35.1
579	Non-participating	39.0	38.3	39.6	39.6	41.0	38.8	39.2	41.0
580	Participating	46.2	45.4	47.1	47.0	48.5	46.5	46.7	48.5
581	Participating	43.7	43.0	44.5	44.4	45.9	43.9	44.2	45.9
582	Non-participating	37.1	36.3	37.4	37.4	38.8	36.2	37.0	38.8
583	Non-participating	40.6	39.8	41.1	41.1	42.5	40.2	40.7	42.5
584	Non-participating	34.3	33.5	34.7	34.6	36.1	33.5	34.3	36.1
585	Non-participating	37.9	37.1	38.3	38.3	39.7	37.2	37.6	40.0
586	Participating	39.4	38.6	39.9	39.8	41.2	38.9	39.5	41.2
587	Participating	30.6	29.8	30.8	30.7	32.3	29.3	30.2	32.3
588	Non-participating	38.5	37.8	39.0	39.0	40.4	38.0	38.7	40.4

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)
589	Non-participating	37.4	36.6	37.6	37.6	39.0	36.4	37.1	39.0
590	Non-participating	38.2	37.5	38.7	38.7	40.1	37.7	37.8	41.2
591	Participating	39.7	39.0	40.2	40.2	41.6	39.3	39.6	41.7
592	Non-participating	37.9	37.1	38.3	38.3	39.7	37.2	37.6	39.9
593	Participating	38.1	37.3	38.7	38.7	40.1	37.9	38.0	40.2
594	Non-participating	41.7	41.0	42.4	42.3	43.7	41.7	42.2	43.7
595	Non-participating	34.7	33.9	35.0	34.9	36.4	33.7	34.5	36.4
596	Non-participating	43.4	42.6	43.9	43.9	45.3	43.0	43.7	45.3
597	Non-participating	37.9	37.1	38.2	38.2	39.6	37.0	37.9	39.6
598	Non-participating	42.9	42.1	43.6	43.5	44.9	42.8	43.4	44.9
599	Non-participating	44.9	44.1	45.6	45.5	47.0	44.9	45.1	47.0
600	Non-participating	34.0	33.2	34.3	34.3	35.8	33.0	33.8	35.8
601	Non-participating	41.8	41.1	42.4	42.4	43.8	41.6	42.1	43.8
602	Non-participating	41.1	40.7	41.4	41.4	42.4	40.8	41.2	42.4
603	Non-participating	28.8	28.0	29.0	28.8	30.6	27.5	28.4	30.6
604	Non-participating	38.3	37.6	38.9	38.9	40.2	38.0	38.5	40.2
605	Participating	42.7	41.9	43.5	43.5	45.0	43.0	43.4	45.0
606	Non-participating	38.3	37.5	38.7	38.7	40.1	37.7	38.1	40.4
607	Non-participating	34.1	33.3	34.5	34.5	35.9	33.4	33.7	36.5
608	Participating	43.4	42.6	44.1	44.0	45.5	43.4	43.6	45.5
609	Non-participating	39.1	38.4	39.6	39.6	41.0	38.6	39.4	41.0
610	Non-participating	35.2	34.4	35.5	35.5	37.0	34.4	35.2	37.0
611	Non-participating	41.0	40.2	41.6	41.6	42.9	40.8	41.0	42.9
612	Participating	37.3	36.5	37.7	37.7	39.1	36.7	37.3	39.1
613	Non-participating	38.4	37.6	38.9	38.8	40.3	37.9	38.6	40.3
614	Participating	43.2	42.4	43.8	43.7	45.1	42.9	43.3	45.1
615	Non-participating	40.8	40.0	41.3	41.3	42.7	40.4	40.9	42.7
616	Non-participating	36.0	35.3	36.3	36.3	37.8	35.1	35.7	37.8
617	Participating	44.1	43.3	44.7	44.7	46.1	43.9	44.5	46.1
618	Non-participating	37.2	36.4	37.6	37.6	39.0	36.6	37.4	39.0
619	Non-participating	35.3	34.5	35.7	35.7	37.1	34.5	35.2	37.1
620	Participating	38.2	37.4	38.6	38.6	40.0	37.6	38.4	40.0
621	Non-participating	37.1	36.3	37.4	37.3	38.8	36.1	37.0	38.8
622	Participating	38.8	38.0	39.2	39.2	40.6	38.2	38.6	40.6
623	Non-participating	30.8	30.0	31.0	31.0	32.5	29.7	30.6	32.5
624	Participating	38.9	38.1	39.3	39.3	40.7	38.2	39.0	40.7
625	Non-participating	40.8	40.1	41.5	41.5	42.9	40.8	41.0	42.9
626	Non-participating	40.4	39.7	41.0	41.0	42.4	40.1	40.3	45.8
627	Non-participating	35.6	34.8	35.9	35.8	37.3	34.6	35.3	37.3
628	Participating	44.2	43.5	44.9	44.9	46.3	44.2	44.8	46.3
629	Non-participating	34.0	33.2	34.3	34.3	35.8	33.1	33.9	35.8
630	Participating	42.6	41.8	43.3	43.2	44.6	42.5	43.1	44.6

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)
631	Participating	42.6	41.9	43.3	43.3	44.7	42.5	42.7	44.8
632	Non-participating	35.5	34.7	35.7	35.7	37.2	34.4	35.3	37.2
633	Non-participating	34.0	33.2	34.3	34.3	35.8	33.0	33.8	35.8
634	Non-participating	39.5	38.7	40.0	40.0	41.4	39.0	39.3	41.4
635	Non-participating	40.4	39.7	40.9	40.9	42.2	40.0	40.6	42.2
636	Non-participating	42.3	41.5	42.8	42.8	44.2	42.0	42.4	44.2
637	Non-participating	34.4	33.6	34.7	34.6	36.1	33.4	33.8	40.0
638	Non-participating	33.5	32.7	33.8	33.8	35.2	32.5	33.3	35.2
639	Non-participating	36.0	35.2	36.4	36.4	37.8	35.2	35.5	40.9
640	Non-participating	33.4	32.6	33.7	33.7	35.2	32.3	33.0	35.2
641	Non-participating	43.9	43.2	44.7	44.6	46.1	44.0	44.5	46.1
642	Non-participating	33.3	32.5	33.6	33.5	35.0	32.3	33.1	35.0
643	Non-participating	40.1	39.4	40.5	40.5	41.8	39.6	40.2	41.8
644	Non-participating	36.4	35.6	36.7	36.7	38.1	35.4	36.2	38.2
645	Non-participating	38.0	37.2	38.4	38.4	39.7	37.3	37.7	40.0
646	Non-participating	34.0	33.2	34.2	34.2	35.7	32.9	33.4	39.4
647	Non-participating	36.9	36.1	37.3	37.3	38.7	36.3	36.9	38.7
648	Participating	44.0	43.3	44.8	44.7	46.2	44.1	44.3	46.2
649	Non-participating	36.2	35.4	36.5	36.5	37.9	35.2	36.1	38.0
650	Participating	41.1	40.6	41.3	41.3	42.2	40.8	41.1	42.2
651	Non-participating	34.2	33.4	34.5	34.5	36.0	33.2	34.0	36.0
652	Participating	44.3	43.5	45.0	45.0	46.4	44.3	44.8	46.4
653	Participating	41.4	40.6	41.9	41.9	43.3	41.1	41.7	43.3
654	Non-participating	36.2	35.5	36.5	36.5	37.9	35.3	36.2	37.9
655	Non-participating	38.3	37.5	38.7	38.6	40.1	37.6	37.9	40.3
656	Non-participating	37.8	37.0	38.2	38.2	39.6	37.1	37.9	39.6
657	Participating	41.2	40.4	41.7	41.7	43.1	40.9	41.5	43.1
658	Non-participating	40.5	39.7	41.0	41.0	42.4	40.1	40.8	42.4
659	Participating	42.5	41.7	43.0	43.0	44.4	42.2	42.6	44.4
660	Non-participating	36.3	35.5	36.6	36.6	38.1	35.4	36.3	38.2
661	Non-participating	39.6	38.9	40.0	40.0	41.3	39.1	39.7	41.4
662	Non-participating	34.3	33.5	34.7	34.6	36.1	33.5	34.2	36.1
663	Non-participating	39.7	38.9	40.4	40.3	41.8	39.6	40.1	41.9
664	Non-participating	36.4	35.6	36.9	36.8	38.3	35.9	36.5	38.6
665	Participating	42.8	42.0	43.4	43.4	44.8	42.6	42.9	45.7
666	Non-participating	34.3	33.5	34.5	34.5	36.0	33.2	33.9	36.1
667	Non-participating	36.3	35.5	36.6	36.7	38.0	35.4	35.9	38.0
668	Non-participating	36.2	35.4	36.6	36.5	38.0	35.4	36.1	38.0
669	Non-participating	36.1	35.3	36.4	36.3	37.8	35.2	35.9	37.8
670	Non-participating	37.6	36.9	38.1	38.1	39.5	37.1	37.4	39.5
671	Non-participating	35.0	34.2	35.2	35.2	36.7	34.0	34.8	36.7
672	Participating	30.0	29.2	30.2	30.2	31.7	28.8	29.5	31.7

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)
673	Non-participating	31.2	30.4	31.5	31.5	32.9	30.2	30.8	32.9
674	Non-participating	31.0	30.2	31.1	31.1	32.7	29.7	30.7	32.7
675	Non-participating	33.1	32.3	33.3	33.3	34.8	31.9	32.8	34.8
676	Non-participating	34.6	33.8	34.8	34.8	36.3	33.6	34.4	36.3
677	Non-participating	37.3	36.5	37.8	37.8	39.1	36.8	37.1	39.1
678	Non-participating	37.4	36.7	37.7	37.7	39.1	36.6	37.3	39.1
679	Non-participating	40.1	39.3	40.6	40.6	42.0	39.7	40.0	42.0
680	Non-participating	37.5	36.7	37.8	37.8	39.2	36.6	37.4	39.3
681	Non-participating	37.6	36.8	38.0	38.0	39.4	36.9	37.3	39.8
682	Non-participating	42.9	42.1	43.5	43.5	44.9	42.7	43.1	44.9
683	Participating	42.4	41.6	43.0	43.0	44.4	42.2	42.5	44.4
684	Non-participating	40.1	39.3	40.7	40.7	42.0	39.8	40.4	42.0
685	Non-participating	39.9	39.2	40.5	40.5	41.8	39.6	40.2	41.8
686	Non-participating	39.1	38.3	39.6	39.6	40.9	38.6	39.3	40.9
687	Non-participating	37.7	36.9	38.1	38.1	39.5	37.0	37.5	39.5
688	Participating	44.0	43.3	44.7	44.6	46.0	43.8	44.5	46.0
689	Non-participating	37.9	37.2	38.4	38.3	39.7	37.3	38.1	39.7
690	Non-participating	36.0	35.2	36.4	36.3	37.7	35.3	35.9	37.7
691	Non-participating	40.6	39.9	41.1	41.1	42.5	40.2	40.8	42.5
692	Non-participating	35.0	34.2	35.4	35.4	36.8	34.3	35.0	37.5
693	Non-participating	44.1	43.4	44.8	44.8	46.2	44.1	44.3	46.3
694	Non-participating	36.5	35.7	36.7	36.7	38.2	35.5	36.2	38.2
695	Non-participating	38.4	37.6	38.8	38.8	40.2	37.8	38.1	40.2
696	Non-participating	43.8	43.1	44.6	44.5	46.0	43.9	44.1	46.0
697	Non-participating	36.6	35.8	36.9	36.9	38.3	35.7	36.2	38.7
698	Non-participating	37.2	36.4	37.5	37.5	38.9	36.4	36.8	39.2
699	Non-participating	43.6	42.8	44.2	44.2	45.6	43.4	43.7	45.6
700	Participating	35.8	35.0	36.1	36.1	37.5	34.7	35.5	37.5
701	Non-participating	39.8	39.0	40.3	40.3	41.7	39.4	40.1	41.7
702	Non-participating	37.8	37.0	38.2	38.2	39.6	37.1	37.9	39.6
703	Non-participating	35.1	34.3	35.4	35.3	36.8	34.2	34.9	37.1
704	Non-participating	40.9	40.1	41.4	41.4	42.8	40.5	40.7	43.0
705	Non-participating	38.2	37.4	38.7	38.6	40.0	37.6	37.9	40.3
706	Participating	39.2	38.4	39.6	39.5	40.9	38.5	39.0	40.9
707	Non-participating	32.7	32.0	33.1	33.0	34.5	31.9	32.2	34.5
708	Non-participating	35.9	35.1	36.3	36.3	37.7	35.3	35.6	37.7
709	Non-participating	36.0	35.2	36.2	36.2	37.7	35.0	35.7	37.7
710	Participating	41.8	41.6	41.9	41.9	42.4	41.5	41.7	42.4
711	Non-participating	35.5	34.7	35.7	35.7	37.2	34.4	35.2	37.2
712	Non-participating	34.5	33.7	34.9	34.9	36.4	33.6	34.5	36.4
713	Non-participating	41.3	40.6	41.9	41.9	43.2	41.0	41.5	43.2
714	Non-participating	38.8	38.0	39.2	39.3	40.6	38.2	38.9	40.6

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)
715	Non-participating	34.3	33.5	34.6	34.5	36.0	33.2	33.9	36.0
716	Non-participating	37.8	37.0	38.1	38.1	39.5	37.0	37.7	39.5
717	Non-participating	36.2	35.4	36.5	36.6	37.9	35.4	36.2	37.9
718	Non-participating	43.4	42.7	44.0	44.0	45.4	43.2	43.9	45.4
719	Non-participating	34.6	33.9	34.9	34.9	36.3	33.6	34.5	36.3
720	Participating	35.6	34.8	35.9	35.9	37.4	34.7	35.3	37.6
721	Non-participating	34.0	33.2	34.2	34.2	35.7	33.0	33.6	35.7
722	Non-participating	40.5	39.7	41.0	41.0	42.3	40.0	40.7	42.3
723	Non-participating	37.7	36.9	38.0	38.0	39.4	36.8	37.4	39.4
724	Non-participating	40.7	39.9	41.3	41.2	42.6	40.4	40.9	42.6
725	Non-participating	40.4	39.6	41.0	41.0	42.4	40.2	40.8	42.4
726	Non-participating	35.3	34.5	35.6	35.6	37.0	34.5	35.3	37.0
727	Participating	37.4	36.6	37.8	37.8	39.2	36.8	37.6	39.2
728	Participating	43.9	43.1	44.5	44.5	45.9	43.7	44.2	45.9
729	Non-participating	40.5	39.7	41.1	41.0	42.4	40.1	40.4	42.4
730	Non-participating	37.4	36.6	37.8	37.8	39.2	36.8	37.6	39.3
731	Non-participating	38.3	37.6	38.8	38.8	40.2	37.9	38.5	40.2
732	Non-participating	32.1	31.3	32.3	32.3	33.8	30.9	31.9	33.8
733	Participating	40.4	39.7	41.1	41.0	42.4	40.2	40.8	42.4
734	Non-participating	40.4	39.6	40.9	40.9	42.3	40.0	40.5	42.3
735	Non-participating	36.0	35.2	36.3	36.2	37.7	35.0	35.8	37.7
736	Non-participating	30.5	29.7	30.7	30.7	32.2	29.4	30.1	32.2
737	Non-participating	37.3	36.6	37.9	37.9	39.2	36.9	37.4	39.2
738	Non-participating	36.9	36.1	37.3	37.3	38.7	36.2	37.0	38.7
739	Non-participating	41.8	41.0	42.5	42.4	43.8	41.7	41.8	43.8
740	Non-participating	41.7	41.0	42.3	42.3	43.6	41.3	42.0	43.6
741	Non-participating	35.6	34.8	35.8	35.8	37.2	34.5	35.3	37.2
742	Non-participating	39.4	38.6	39.9	39.8	41.2	38.9	39.6	41.2
743	Non-participating	42.7	41.9	43.4	43.3	44.7	42.6	42.8	45.9
744	Non-participating	38.4	37.6	38.8	38.8	40.2	37.8	38.6	40.2
745	Non-participating	34.8	34.0	35.1	35.1	36.5	33.9	34.7	36.5
746	Non-participating	36.5	35.7	36.9	36.9	38.3	35.8	36.7	38.3
747	Non-participating	39.3	38.5	39.9	39.8	41.2	39.0	39.6	41.2
748	Non-participating	40.6	39.8	41.2	41.1	42.5	40.3	40.5	42.5
749	Non-participating	37.4	36.6	37.7	37.7	39.1	36.5	37.3	39.1
750	Non-participating	36.7	35.9	37.1	37.1	38.5	36.0	36.8	38.5
751	Non-participating	34.5	33.7	34.7	34.7	36.2	33.4	33.9	38.3
752	Participating	44.5	43.7	45.2	45.1	46.5	44.4	45.0	46.5
753	Participating	36.9	36.2	37.3	37.3	38.7	36.2	36.5	38.7
754	Non-participating	34.3	33.5	34.5	34.5	36.0	33.2	34.0	36.0
755	Non-participating	41.5	40.7	42.1	42.0	43.4	41.3	41.9	43.4
756	Non-participating	40.5	39.7	41.0	40.9	42.3	40.0	40.7	42.3

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)
757	Non-participating	34.2	33.5	34.6	34.6	36.0	33.5	34.1	36.0
758	Non-participating	34.1	33.3	34.4	34.3	35.9	33.0	33.7	36.5
759	Non-participating	39.7	38.9	40.2	40.1	41.5	39.2	39.5	41.7
760	Non-participating	41.2	40.5	41.7	41.7	43.1	40.8	41.5	43.1
761	Participating	35.9	35.1	36.2	36.2	37.7	35.0	35.8	37.7
762	Participating	38.5	37.7	39.0	39.0	40.3	38.0	38.7	40.3
763	Non-participating	33.0	32.2	33.3	33.3	34.7	32.1	32.5	34.7
764	Non-participating	37.6	36.8	38.1	38.1	39.4	37.1	37.5	39.4
765	Non-participating	33.6	32.8	33.9	33.8	35.3	32.6	33.4	35.3
766	Participating	36.8	36.1	37.0	37.0	38.4	35.9	36.6	38.4
767	Non-participating	34.3	33.5	34.7	34.7	36.1	33.6	34.0	36.6
768	Participating	36.0	35.2	36.2	36.1	37.6	34.8	35.6	37.6
769	Non-participating	39.7	38.9	40.2	40.2	41.6	39.3	39.9	41.6
770	Non-participating	45.0	44.3	45.8	45.7	47.2	45.1	45.6	47.2
771	Non-participating	36.6	35.8	36.8	36.8	38.3	35.5	36.3	38.3
772	Non-participating	41.1	40.4	41.7	41.7	43.1	40.9	41.0	46.1
773	Non-participating	32.3	31.5	32.5	32.4	34.0	31.1	32.1	34.0
774	Non-participating	34.6	33.9	35.0	35.0	36.4	33.9	34.3	36.9
775	Non-participating	34.5	33.7	34.9	34.8	36.3	33.8	34.2	36.8
776	Non-participating	41.3	40.5	42.0	41.9	43.4	41.3	41.4	43.4
777	Non-participating	39.8	39.0	40.4	40.3	41.7	39.5	40.1	41.7
778	Non-participating	37.7	36.9	38.1	38.1	39.5	37.0	37.4	39.8
779	Participating	42.6	41.8	43.2	43.1	44.5	42.3	43.0	44.5
780	Non-participating	40.0	39.2	40.4	40.4	41.8	39.5	40.2	41.8
781	Participating	37.2	36.4	37.6	37.6	39.0	36.5	37.3	39.0
782	Non-participating	35.7	34.9	36.0	36.0	37.4	34.9	35.7	37.4
783	Non-participating	36.9	36.1	37.4	37.4	38.7	36.3	37.1	38.7
784	Non-participating	36.6	35.8	36.9	36.9	38.4	35.7	36.5	38.4
785	Participating	44.3	43.5	45.0	44.9	46.3	44.2	44.8	46.3
786	Non-participating	34.6	33.8	34.8	34.7	36.3	33.5	34.0	36.4
787	Non-participating	44.8	44.0	45.5	45.4	46.9	44.8	45.0	46.9
788	Participating	37.6	36.8	38.0	38.0	39.4	37.0	37.6	39.4
789	Non-participating	38.5	37.8	38.9	38.9	40.3	37.8	38.6	40.3
790	Non-participating	31.1	30.3	31.3	31.3	32.7	30.1	30.5	32.7
791	Non-participating	38.1	37.3	38.5	38.5	39.9	37.4	37.8	40.1
792	Non-participating	28.8	28.0	29.0	28.8	30.6	27.5	28.4	30.6
793	Participating	40.9	40.2	41.5	41.5	42.8	40.6	40.9	42.8
794	Non-participating	42.4	41.6	43.1	43.0	44.4	42.3	42.9	44.4
795	Non-participating	39.8	39.0	40.2	40.1	41.5	39.1	39.9	41.5
796	Non-participating	41.4	40.7	42.1	42.0	43.4	41.3	41.4	43.4
797	Non-participating	35.0	34.2	35.4	35.3	36.7	34.3	34.5	36.7
798	Non-participating	41.5	40.7	42.0	42.0	43.4	41.0	41.4	43.4

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)
799	Non-participating	39.5	38.7	40.0	40.0	41.4	39.1	39.7	41.4
800	Non-participating	34.4	33.6	34.7	34.6	36.1	33.3	33.8	38.4
801	Participating	36.7	35.9	37.0	37.0	38.4	35.8	36.1	38.5
802	Non-participating	33.6	32.8	33.8	33.8	35.3	32.5	33.3	35.3
803	Non-participating	36.1	35.3	36.4	36.4	37.9	35.2	36.1	38.0
804	Non-participating	41.6	40.8	42.3	42.3	43.7	41.6	41.8	43.7
805	Non-participating	35.5	34.7	35.9	35.9	37.2	34.8	35.4	37.2
806	Non-participating	37.1	36.3	37.6	37.5	39.0	36.6	37.2	39.2
807	Non-participating	34.3	33.5	34.5	34.5	36.0	33.2	33.9	36.4
808	Non-participating	38.7	37.9	39.2	39.1	40.6	38.2	38.9	40.6
809	Non-participating	39.2	38.4	39.6	39.6	41.0	38.5	39.1	41.0
810	Non-participating	40.1	39.3	40.7	40.6	42.0	39.8	40.4	42.0
811	Non-participating	38.6	37.8	38.9	38.9	40.3	37.7	38.6	40.3
812	Non-participating	35.3	34.5	35.7	35.7	37.1	34.7	35.4	37.1
813	Non-participating	39.3	38.5	39.8	39.8	41.2	38.9	39.6	41.2
814	Non-participating	37.8	37.1	38.3	38.3	39.7	37.2	38.0	39.7
815	Non-participating	36.7	35.9	37.1	37.1	38.4	36.0	36.7	38.4
816	Non-participating	38.6	37.8	39.0	39.0	40.4	38.0	38.4	40.7
817	Non-participating	39.7	38.9	40.3	40.2	41.6	39.4	40.0	41.6
818	Non-participating	38.7	37.9	39.2	39.2	40.6	38.3	39.0	40.6
819	Non-participating	40.5	39.7	41.0	41.0	42.4	40.1	40.3	42.5
820	Non-participating	34.4	33.6	34.6	34.6	36.1	33.3	34.0	36.2
821	Non-participating	41.2	40.5	41.8	41.8	43.2	41.0	41.4	43.2
822	Non-participating	37.3	36.5	37.6	37.6	39.0	36.4	37.1	39.0
823	Participating	43.0	42.3	43.7	43.6	45.0	42.9	43.5	45.0
824	Non-participating	42.0	41.2	42.7	42.7	44.1	42.0	42.4	44.1
825	Non-participating	36.7	36.0	37.2	37.2	38.5	36.1	36.9	38.5
826	Non-participating	40.8	40.0	41.4	41.3	42.7	40.5	40.7	46.1
827	Non-participating	44.9	44.2	45.7	45.6	47.1	45.0	45.3	47.1
828	Non-participating	36.3	35.5	36.6	36.6	38.1	35.4	35.9	38.1
829	Non-participating	34.6	33.8	35.0	34.9	36.4	33.8	34.6	36.4
830	Non-participating	38.8	38.0	39.2	39.2	40.6	38.2	38.4	41.6
831	Non-participating	38.3	37.6	38.8	38.8	40.1	37.7	38.1	40.4
832	Non-participating	42.0	41.2	42.6	42.5	44.0	41.8	42.0	44.0
833	Non-participating	34.1	33.3	34.5	34.5	35.9	33.2	33.8	36.1
834	Non-participating	42.5	41.7	43.1	43.1	44.4	42.2	42.9	44.4
835	Non-participating	35.7	34.9	36.0	35.9	37.4	34.7	35.5	37.4
836	Non-participating	33.8	33.0	34.1	34.1	35.6	32.8	33.7	35.6
837	Non-participating	38.6	37.8	39.0	38.9	40.4	37.8	38.7	40.4
838	Non-participating	44.0	43.2	44.8	44.7	46.1	44.1	44.6	46.1
839	Non-participating	31.0	30.2	31.3	31.4	32.7	30.0	30.9	32.7
840	Non-participating	37.8	37.0	38.1	38.1	39.5	36.9	37.4	39.6

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)
841	Non-participating	39.0	38.3	39.5	39.5	40.9	38.5	39.3	40.9
842	Non-participating	35.1	34.3	35.4	35.3	36.8	34.1	34.9	36.8
843	Non-participating	38.6	37.9	39.0	39.0	40.4	37.9	38.7	40.4
844	Non-participating	39.7	39.0	40.2	40.1	41.5	39.1	39.9	41.5
845	Non-participating	41.6	40.8	42.2	42.1	43.5	41.5	42.0	43.5
846	Non-participating	41.1	40.3	41.6	41.6	43.0	40.7	40.9	43.2
847	Non-participating	36.7	35.9	37.1	37.0	38.5	35.9	36.2	38.5
848	Non-participating	40.2	39.4	40.7	40.7	42.0	39.8	40.3	42.0
849	Non-participating	37.5	36.7	37.8	37.8	39.2	36.7	37.2	39.2
850	Participating	37.8	37.1	38.2	38.2	39.6	37.1	37.9	39.6
851	Non-participating	37.5	36.7	38.0	37.9	39.3	36.9	37.7	39.3
852	Non-participating	36.0	35.2	36.4	36.3	37.8	35.2	35.4	40.9
853	Non-participating	40.2	39.4	40.7	40.7	42.1	39.8	40.1	42.1
854	Non-participating	40.1	39.3	40.6	40.6	41.9	39.6	39.9	41.9
855	Non-participating	44.8	44.0	45.6	45.5	46.9	44.9	45.2	46.9
856	Non-participating	34.6	33.8	34.8	34.8	36.3	33.5	34.3	36.3
857	Non-participating	44.4	43.6	45.1	45.1	46.5	44.4	44.6	46.5
858	Non-participating	36.1	35.3	36.4	36.4	37.8	35.1	36.0	37.9
859	Non-participating	34.3	33.5	34.6	34.5	36.0	33.3	33.7	39.8
860	Participating	44.0	43.3	44.8	44.7	46.2	44.2	44.6	46.2
861	Non-participating	42.2	41.4	42.7	42.7	44.1	41.8	42.5	44.1
862	Non-participating	39.0	38.2	39.3	39.3	40.7	38.3	39.0	40.7
863	Non-participating	39.6	38.9	40.1	40.1	41.5	39.2	39.9	41.5
864	Non-participating	41.7	41.0	42.3	42.3	43.7	41.5	41.7	46.1
865	Non-participating	39.0	38.2	39.6	39.6	41.0	38.8	39.3	41.1
866	Participating	36.9	36.1	37.3	37.2	38.7	36.1	36.8	38.7
867	Non-participating	32.7	31.9	33.0	33.0	34.4	31.8	32.2	34.4
868	Non-participating	39.5	38.8	40.1	40.1	41.5	39.2	39.9	41.5
869	Non-participating	42.3	41.5	42.9	42.8	44.2	42.0	42.7	44.2
870	Non-participating	44.1	43.3	44.8	44.7	46.2	44.0	44.3	46.2
871	Participating	43.3	42.5	43.9	43.9	45.3	43.1	43.7	45.3
872	Non-participating	36.3	35.5	36.6	36.6	38.0	35.5	35.8	44.1
873	Participating	40.0	39.2	40.4	40.4	41.8	39.3	39.9	41.8
874	Non-participating	35.0	34.2	35.4	35.4	36.8	34.3	34.9	36.8
875	Non-participating	33.0	32.2	33.3	33.4	34.6	32.0	32.7	34.6
876	Non-participating	40.6	39.9	41.1	41.1	42.5	40.1	40.9	42.5
877	Non-participating	35.3	34.5	35.6	35.5	37.0	34.3	35.1	37.0
878	Participating	36.0	35.3	36.4	36.4	37.8	35.2	36.1	37.8
879	Participating	44.1	43.3	44.8	44.8	46.2	44.1	44.6	46.2
880	Non-participating	43.4	42.6	44.0	43.9	45.3	43.1	43.8	45.3
881	Non-participating	39.0	38.2	39.4	39.4	40.8	38.4	39.1	40.8
882	Non-participating	44.1	43.3	44.9	44.9	46.3	44.3	44.5	46.3

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)
883	Non-participating	38.3	37.5	38.7	38.7	40.1	37.7	37.9	40.8
884	Non-participating	34.6	33.8	34.9	34.9	36.3	33.6	34.4	36.3
885	Non-participating	41.1	40.3	41.6	41.6	43.0	40.7	41.1	43.0
886	Non-participating	35.6	34.8	36.0	35.9	37.4	34.8	35.6	37.4
887	Non-participating	39.6	38.9	40.3	40.3	41.7	39.6	40.1	41.8
888	Non-participating	34.6	33.8	34.9	34.9	36.4	33.7	34.4	36.4
889	Participating	37.1	36.3	37.4	37.4	38.8	36.2	36.8	38.8
890	Non-participating	36.5	35.8	36.9	36.9	38.3	35.8	36.6	38.3
891	Non-participating	34.3	33.5	34.6	34.6	36.0	33.3	34.2	36.0
892	Non-participating	36.1	35.3	36.4	36.4	37.8	35.2	36.0	37.8
893	Non-participating	40.7	39.9	41.3	41.3	42.7	40.5	41.1	42.7
894	Non-participating	39.9	39.1	40.4	40.4	41.8	39.5	40.1	41.8
895	Non-participating	39.0	38.3	39.5	39.5	40.9	38.5	39.3	40.9
896	Non-participating	39.2	38.5	39.8	39.7	41.1	38.8	39.4	41.1
897	Non-participating	43.5	42.7	44.2	44.2	45.6	43.6	43.9	45.6
898	Non-participating	38.0	37.3	38.5	38.5	39.8	37.4	37.8	40.1
899	Non-participating	40.1	39.3	40.5	40.5	41.9	39.6	40.3	41.9
900	Non-participating	35.3	34.5	35.6	35.6	37.0	34.3	35.1	37.0
901	Non-participating	40.5	39.7	41.0	41.0	42.3	40.0	40.7	42.3
902	Non-participating	36.4	35.6	36.8	36.8	38.2	35.7	36.5	38.2
903	Participating	41.2	40.4	41.8	41.8	43.2	40.9	41.6	43.2
904	Non-participating	37.6	36.9	38.1	38.1	39.5	37.2	37.5	39.5
905	Non-participating	36.3	35.5	36.6	36.6	38.0	35.4	36.2	38.1
906	Non-participating	29.8	29.0	30.0	30.0	31.5	28.6	29.3	31.5
907	Non-participating	37.8	37.1	38.3	38.2	39.6	37.2	37.6	40.0
908	Non-participating	42.4	41.6	43.1	43.0	44.4	42.3	42.5	45.4
909	Non-participating	38.5	37.7	38.9	38.9	40.3	37.9	38.2	46.2
910	Non-participating	35.3	34.5	35.6	35.5	37.0	34.3	35.0	37.0
911	Participating	41.4	40.6	41.9	41.9	43.3	41.1	41.4	43.3
912	Non-participating	38.6	37.9	39.0	39.0	40.4	37.9	38.3	40.5
913	Non-participating	33.9	33.1	34.1	34.1	35.6	32.8	33.5	35.6
914	Participating	44.0	43.3	44.8	44.7	46.2	44.2	44.7	46.2
915	Non-participating	36.1	35.4	36.4	36.5	37.8	35.1	36.0	37.8
916	Non-participating	38.8	38.0	39.3	39.2	40.6	38.3	39.0	40.6
917	Non-participating	37.5	36.7	37.9	37.9	39.3	36.8	37.6	39.3
918	Non-participating	35.0	34.3	35.3	35.3	36.7	34.0	34.6	36.8
919	Non-participating	38.4	37.6	38.7	38.7	40.1	37.6	38.4	40.1
920	Participating	35.8	35.1	36.2	36.2	37.6	34.9	35.6	37.6
921	Non-participating	41.0	40.3	41.8	41.7	43.2	41.1	41.2	43.2
922	Non-participating	37.7	37.0	38.2	38.1	39.5	37.1	37.4	39.5
923	Participating	44.0	43.3	44.8	44.7	46.1	44.1	44.2	47.2
924	Non-participating	37.1	36.3	37.5	37.5	38.9	36.4	36.8	39.2

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)
925	Non-participating	40.9	40.1	41.3	41.3	42.7	40.3	40.7	42.9
926	Participating	38.3	37.5	38.7	38.7	40.1	37.7	38.4	40.1
927	Non-participating	44.0	43.3	44.7	44.7	46.1	44.0	44.6	46.1
928	Non-participating	38.1	37.3	38.6	38.6	40.0	37.6	38.3	40.0
929	Non-participating	39.6	38.8	40.1	40.1	41.5	39.2	39.8	41.5
930	Non-participating	36.5	35.7	36.9	36.9	38.3	35.8	36.6	38.3
931	Non-participating	40.2	39.4	40.6	40.6	41.9	39.6	40.2	41.9
932	Participating	43.5	42.7	44.1	44.1	45.4	43.3	43.9	45.4
933	Non-participating	37.0	36.2	37.3	37.2	38.7	36.0	36.8	38.8
934	Non-participating	34.6	33.8	35.0	35.0	36.4	33.9	34.3	36.9
935	Non-participating	35.7	34.9	36.0	36.0	37.5	34.8	35.6	37.5
936	Non-participating	33.6	32.8	33.8	33.8	35.3	32.6	33.2	35.3
937	Non-participating	38.5	37.8	39.0	39.0	40.4	38.1	38.8	40.5
938	Participating	43.4	42.7	44.1	44.0	45.4	43.2	43.9	45.4
939	Non-participating	35.6	34.8	35.9	35.9	37.3	34.6	35.1	38.2
940	Participating	45.7	44.9	46.4	46.4	47.8	45.7	46.1	47.8
941	Participating	45.4	44.6	46.1	46.0	47.4	45.3	45.7	47.4
942	Non-participating	38.5	37.7	38.9	38.9	40.3	37.9	38.5	40.3
943	Participating	38.0	37.2	38.5	38.4	39.9	37.5	38.2	39.9
944	Non-participating	39.8	39.0	40.3	40.3	41.6	39.4	39.6	41.6
945	Non-participating	40.9	40.1	41.4	41.4	42.8	40.5	40.8	42.8
946	Non-participating	40.7	39.9	41.2	41.2	42.6	40.3	41.0	42.6
947	Non-participating	36.3	35.5	36.6	36.5	38.0	35.3	36.0	38.0
948	Participating	43.9	43.1	44.7	44.6	46.0	44.0	44.4	46.0
949	Non-participating	38.6	37.8	39.1	39.1	40.5	38.1	38.8	40.5
950	Non-participating	37.6	36.8	38.1	38.0	39.4	37.0	37.8	39.4
951	Non-participating	42.5	41.8	43.2	43.2	44.6	42.4	43.0	44.6
952	Non-participating	35.9	35.1	36.3	36.2	37.7	35.1	35.9	37.7
953	Non-participating	33.7	32.9	34.0	34.0	35.4	32.7	33.6	35.4
954	Non-participating	35.8	35.1	36.3	36.2	37.6	35.2	35.9	37.6
955	Non-participating	37.9	37.2	38.4	38.3	39.7	37.3	38.1	39.7
956	Participating	43.4	42.7	44.0	44.0	45.4	43.2	43.7	45.4
957	Participating	33.1	32.3	33.3	33.2	34.8	31.9	32.8	34.8
958	Participating	38.9	38.2	39.5	39.5	40.9	38.6	39.3	40.9
959	Non-participating	34.8	34.0	35.1	35.1	36.5	33.9	34.1	44.4
960	Non-participating	37.2	36.5	37.8	37.8	39.1	36.8	37.3	39.1
961	Participating	37.1	36.3	37.6	37.5	39.0	36.6	37.2	39.3
962	Participating	42.5	41.8	43.2	43.1	44.6	42.4	42.9	44.6
963	Non-participating	35.3	34.5	35.7	35.7	37.0	34.6	35.2	37.0
964	Non-participating	40.8	40.0	41.3	41.3	42.7	40.4	40.7	42.7
965	Non-participating	40.0	39.2	40.4	40.4	41.8	39.4	40.2	41.8
966	Non-participating	42.6	41.8	43.1	43.1	44.5	42.2	42.9	44.5

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)
967	Non-participating	37.1	36.3	37.4	37.4	38.8	36.2	37.0	38.8
968	Non-participating	41.7	41.0	42.4	42.4	43.8	41.6	41.7	45.4
969	Non-participating	40.4	39.6	40.9	40.9	42.3	40.0	40.3	42.5
970	Non-participating	38.9	38.1	39.4	39.4	40.8	38.5	39.1	40.8
971	Participating	38.9	38.1	39.4	39.4	40.7	38.4	39.0	40.7
972	Non-participating	39.2	38.4	39.7	39.7	41.1	38.8	39.4	41.1
973	Non-participating	40.1	39.3	40.5	40.5	41.9	39.5	40.3	41.9
974	Non-participating	39.7	39.0	40.3	40.3	41.7	39.5	39.9	41.7
975	Non-participating	44.0	43.2	44.7	44.6	46.1	44.0	44.3	46.3
976	Non-participating	38.8	38.0	39.3	39.2	40.6	38.2	38.6	40.8
977	Non-participating	37.3	36.5	37.7	37.6	39.1	36.5	36.9	39.3
978	Non-participating	36.9	36.1	37.3	37.3	38.7	36.3	36.7	38.9
979	Non-participating	37.2	36.4	37.6	37.5	38.9	36.5	37.3	38.9
980	Non-participating	43.1	42.4	43.8	43.8	45.2	43.1	43.4	45.2
981	Non-participating	38.2	37.4	38.6	38.7	40.0	37.6	37.9	40.3
982	Non-participating	36.9	36.1	37.4	37.4	38.7	36.3	37.1	38.7
983	Non-participating	35.5	34.7	35.8	35.8	37.2	34.6	35.1	37.2
984	Non-participating	33.0	32.2	33.3	33.3	34.7	32.1	32.5	34.7
985	Non-participating	37.4	36.7	37.9	37.9	39.2	36.9	37.7	39.2
986	Non-participating	40.7	39.9	41.3	41.3	42.6	40.5	40.7	42.6
987	Non-participating	39.4	38.6	39.9	39.8	41.2	38.9	39.2	41.2
988	Non-participating	37.0	36.2	37.3	37.2	38.7	36.0	36.6	38.8
989	Non-participating	31.2	30.4	31.5	31.5	32.9	30.2	30.7	32.9
990	Non-participating	34.3	33.5	34.7	34.7	36.1	33.6	34.0	36.6
991	Non-participating	34.6	33.8	34.8	34.7	36.3	33.4	34.0	36.4
992	Non-participating	40.2	39.4	40.7	40.6	42.0	39.7	40.2	42.0
993	Non-participating	39.2	38.5	39.6	39.6	41.0	38.4	39.3	41.0
994	Non-participating	40.6	39.8	41.1	41.1	42.5	40.2	40.9	42.5
995	Non-participating	34.2	33.4	34.4	34.5	35.9	33.1	33.8	36.0
996	Non-participating	28.8	28.0	29.0	28.8	30.6	27.5	28.4	30.6
997	Non-participating	42.1	41.4	42.7	42.7	44.1	41.9	42.5	44.1
998	Participating	46.1	45.4	46.9	46.8	48.3	46.2	46.6	48.3
999	Non-participating	42.5	41.7	43.1	43.1	44.5	42.4	42.5	46.3
1000	Non-participating	40.5	39.7	41.2	41.2	42.6	40.5	41.0	42.8
1001	Non-participating	34.9	34.1	35.1	35.1	36.6	33.8	34.6	36.8
1002	Non-participating	36.1	35.3	36.5	36.5	37.9	35.4	36.2	37.9
1003	Non-participating	40.7	39.9	41.4	41.4	42.8	40.7	40.8	42.8
1004	Non-participating	43.6	42.8	44.3	44.3	45.7	43.6	43.8	45.7
1005	Non-participating	40.7	40.0	41.3	41.3	42.7	40.5	41.1	42.7
1006	Non-participating	40.5	39.8	41.1	41.1	42.5	40.3	40.9	42.5
1007	Non-participating	37.3	36.5	37.6	37.6	39.0	36.5	37.1	39.0
1008	Non-participating	41.5	40.7	42.1	42.1	43.5	41.3	41.8	43.5

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)
1009	Non-participating	38.3	37.6	38.9	38.8	40.2	37.9	38.6	40.3
1010	Non-participating	38.5	37.7	38.9	38.9	40.3	37.8	38.5	40.3
1011	Non-participating	38.9	38.1	39.3	39.2	40.6	38.2	39.0	40.6
1012	Non-participating	39.1	38.4	39.6	39.6	41.0	38.6	39.0	41.2
1013	Participating	46.1	45.3	46.9	46.8	48.3	46.3	46.6	48.5
1014	Non-participating	41.2	40.4	41.7	41.7	43.1	40.8	41.0	43.3
1015	Non-participating	31.4	30.6	31.6	31.5	33.1	30.2	31.1	33.1
1016	Non-participating	34.8	34.0	35.1	35.1	36.6	33.9	34.7	36.6
1017	Non-participating	35.6	34.8	36.0	36.0	37.4	34.9	35.2	37.4
1018	Non-participating	40.2	39.5	40.7	40.7	42.1	39.7	40.3	42.1
1019	Non-participating	39.9	39.2	40.3	40.3	41.7	39.3	40.1	41.7
1020	Non-participating	41.4	40.6	42.0	41.9	43.3	41.1	41.7	43.3
1021	Non-participating	37.8	37.0	38.1	38.1	39.5	37.0	37.8	39.5
1022	Non-participating	42.0	41.2	42.5	42.5	43.9	41.6	42.3	43.9
1023	Non-participating	34.0	33.2	34.3	34.3	35.8	33.1	33.9	35.8
1024	Participating	39.9	39.1	40.4	40.4	41.8	39.5	39.8	41.9
1025	Non-participating	37.7	36.9	38.0	38.0	39.4	36.8	37.6	39.4
1026	Non-participating	30.5	29.7	30.8	30.8	32.3	29.4	30.2	32.3
1027	Non-participating	33.0	32.2	33.2	33.1	34.7	31.8	32.7	34.7
1028	Non-participating	35.8	35.1	36.2	36.2	37.6	35.1	35.9	37.6
1029	Non-participating	38.2	37.4	38.6	38.6	40.0	37.5	38.3	40.0
1030	Participating	44.4	43.7	45.2	45.2	46.6	44.6	44.7	46.6
1031	Non-participating	37.8	37.0	38.2	38.2	39.6	37.1	37.5	39.8
1032	Non-participating	40.7	39.9	41.2	41.2	42.5	40.2	40.9	42.6
1033	Non-participating	40.4	39.6	40.9	40.9	42.3	40.0	40.7	42.3
1034	Non-participating	34.8	34.0	35.1	35.1	36.5	33.9	34.7	36.5
1035	Non-participating	39.1	38.3	39.5	39.5	40.9	38.5	39.2	41.0
1036	Non-participating	40.3	39.5	40.8	40.7	42.1	39.7	40.5	42.1
1037	Non-participating	34.6	33.8	34.8	34.8	36.3	33.5	34.3	36.5
1038	Participating	41.7	40.9	42.2	42.2	43.6	41.3	42.0	43.6
1039	Non-participating	36.2	35.4	36.6	36.6	38.0	35.4	36.3	38.0
1040	Non-participating	42.8	42.0	43.5	43.5	44.9	42.8	43.2	44.9
1041	Non-participating	37.8	37.0	38.1	38.0	39.5	36.8	37.7	39.5
1042	Non-participating	33.5	32.7	33.8	33.7	35.2	32.5	33.4	35.2
1043	Participating	46.4	45.6	47.2	47.1	48.6	46.6	47.0	48.6
1044	Non-participating	42.7	42.0	43.3	43.3	44.7	42.5	43.1	44.7
1045	Participating	44.2	43.5	45.0	44.9	46.4	44.3	44.7	46.4
1046	Non-participating	34.5	33.7	34.8	34.8	36.2	33.6	34.4	36.2
1047	Non-participating	38.5	37.9	38.7	38.7	39.9	37.8	38.3	39.9
1048	Non-participating	42.0	41.3	42.6	42.6	44.0	41.8	42.4	44.0
1049	Non-participating	42.2	41.4	42.8	42.7	44.2	42.0	42.2	44.2
1050	Non-participating	31.3	30.5	31.6	31.6	33.0	30.3	31.2	33.0

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)
1051	Non-participating	34.0	33.2	34.4	34.3	35.8	33.1	34.0	35.8
1052	Non-participating	39.0	38.2	39.4	39.4	40.8	38.3	39.1	40.8
1053	Non-participating	40.9	40.4	41.2	41.1	42.1	40.5	40.9	42.1
1054	Participating	38.9	38.1	39.3	39.2	40.6	38.2	39.0	40.6
1055	Non-participating	43.8	43.1	44.6	44.5	46.0	43.9	44.3	46.0
1056	Participating	46.9	46.1	47.6	47.6	48.9	46.9	47.4	48.9
1057	Non-participating	34.6	33.8	34.8	34.8	36.3	33.5	34.4	36.3
1058	Non-participating	36.9	36.1	37.2	37.2	38.6	36.0	36.8	38.7
1059	Non-participating	43.6	42.8	44.3	44.2	45.7	43.6	44.0	45.7
1060	Non-participating	41.3	40.5	41.8	41.8	43.2	40.9	41.6	43.2
1061	Non-participating	36.2	35.4	36.5	36.5	37.9	35.4	35.6	41.1
1062	Non-participating	34.6	33.9	35.0	35.0	36.4	33.9	34.5	36.4
1063	Non-participating	37.0	36.2	37.4	37.4	38.8	36.4	36.8	38.8
1064	Non-participating	33.6	32.8	33.9	33.9	35.3	32.8	33.2	35.3
1065	Non-participating	39.8	39.1	40.4	40.3	41.7	39.4	40.1	41.7
1066	Non-participating	39.0	38.2	39.3	39.3	40.7	38.2	38.8	40.8
1067	Participating	44.1	43.4	44.8	44.8	46.1	44.0	44.4	46.1
1068	Non-participating	41.9	41.1	42.4	42.4	43.8	41.5	42.2	43.8
1069	Non-participating	33.5	32.7	33.8	33.8	35.3	32.6	33.2	36.0
1070	Non-participating	34.8	34.0	35.1	35.1	36.5	33.9	34.2	36.8
1071	Non-participating	31.4	30.6	31.7	31.6	33.2	30.3	31.1	33.2
1072	Non-participating	40.2	39.5	40.8	40.8	42.1	39.9	40.5	42.1
1073	Non-participating	39.3	38.6	39.9	39.9	41.2	38.8	39.5	41.2
1074	Non-participating	38.0	37.2	38.4	38.4	39.8	37.4	37.7	40.1
1075	Non-participating	41.3	40.6	41.9	41.9	43.3	41.1	41.3	43.4
1076	Non-participating	38.4	37.6	38.8	38.8	40.1	37.7	38.5	40.1
1077	Non-participating	39.2	38.4	39.9	39.8	41.3	39.1	39.2	41.4
1078	Non-participating	34.2	33.4	34.5	34.4	35.9	33.2	34.0	35.9
1079	Non-participating	36.8	36.1	37.2	37.2	38.6	36.0	36.6	38.6
1080	Participating	37.4	36.6	37.7	37.7	39.1	36.5	37.3	39.2
1081	Non-participating	37.6	36.8	37.9	37.9	39.3	36.8	37.6	39.4
1082	Participating	43.3	42.6	44.0	43.9	45.3	43.2	43.6	45.6
1083	Non-participating	34.8	34.0	35.0	35.0	36.5	33.7	34.6	36.5
1084	Non-participating	36.3	35.5	36.7	36.6	38.1	35.5	36.3	38.1
1085	Participating	43.1	42.4	43.8	43.8	45.2	43.1	43.6	45.2
1086	Non-participating	35.7	34.9	36.0	36.0	37.4	34.8	35.3	37.4
1087	Non-participating	42.5	41.7	43.2	43.2	44.6	42.5	43.0	44.6
1088	Non-participating	37.4	36.6	37.7	37.7	39.1	36.5	37.4	39.2
1089	Non-participating	38.2	37.4	38.6	38.6	40.0	37.5	38.0	40.0
1090	Non-participating	38.9	38.1	39.3	39.3	40.7	38.3	38.7	40.7
1091	Non-participating	44.1	43.4	44.8	44.8	46.2	44.1	44.4	46.8
1092	Participating	35.7	34.9	36.0	35.9	37.4	34.7	35.2	37.5

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)
1093	Non-participating	32.6	31.8	32.8	32.8	34.3	31.4	32.4	34.3
1094	Non-participating	40.0	39.2	40.6	40.6	42.0	39.8	40.4	42.0
1095	Non-participating	34.8	34.1	35.2	35.2	36.6	34.1	34.9	36.6
1096	Participating	45.4	44.7	46.3	46.2	47.6	45.7	45.9	47.6
1097	Non-participating	39.2	38.4	39.7	39.7	41.1	38.9	39.0	41.1
1098	Participating	43.5	42.8	44.2	44.2	45.6	43.5	43.8	45.6
1099	Non-participating	35.8	35.0	36.2	36.2	37.6	35.1	35.7	37.6
1100	Participating	36.3	35.5	36.6	36.6	38.0	35.4	36.2	38.0
1101	Non-participating	39.8	39.0	40.4	40.3	41.7	39.5	40.1	41.7
1102	Non-participating	39.2	38.4	39.7	39.6	41.0	38.7	39.4	41.0
1103	Non-participating	43.4	42.6	44.0	44.0	45.4	43.2	43.8	45.4
1104	Participating	45.8	45.1	46.7	46.6	48.1	46.1	46.4	48.1
1105	Non-participating	41.6	40.8	42.2	42.2	43.6	41.4	41.5	46.1
1106	Non-participating	44.2	43.4	44.9	44.9	46.3	44.2	44.3	46.4
1107	Non-participating	38.3	37.5	38.8	38.7	40.1	37.7	38.0	40.3
1108	Participating	39.2	38.4	39.6	39.6	40.9	38.5	39.0	40.9
1109	Non-participating	42.8	42.1	43.5	43.4	44.8	42.7	43.3	44.8
1110	Non-participating	38.7	37.9	39.2	39.1	40.5	38.1	38.5	40.5
1111	Participating	39.0	38.3	39.5	39.5	40.9	38.5	38.8	40.9
1112	Non-participating	34.7	33.9	34.9	34.9	36.4	33.7	34.5	36.4
1113	Non-participating	37.6	36.8	38.0	37.9	39.4	36.8	37.1	39.9
1114	Non-participating	41.6	40.8	42.1	42.1	43.5	41.2	41.7	43.5
1115	Non-participating	38.4	37.6	38.9	38.9	40.2	38.0	38.2	40.2
1116	Non-participating	35.5	34.7	35.7	35.7	37.2	34.3	35.2	37.2
1117	Non-participating	42.5	41.7	43.0	43.0	44.4	42.2	42.8	44.4
1118	Non-participating	41.9	41.1	42.4	42.4	43.8	41.5	42.2	43.8
1119	Non-participating	40.8	40.0	41.4	41.3	42.7	40.5	40.6	44.7
1120	Non-participating	37.0	36.2	37.4	37.4	38.8	36.4	37.0	38.8
1121	Non-participating	32.9	32.1	33.1	33.0	34.6	31.8	32.5	34.6
1122	Non-participating	32.7	31.9	33.0	33.0	34.4	31.8	32.2	34.4
1123	Non-participating	36.6	35.8	36.9	36.9	38.3	35.7	36.5	38.4
1124	Participating	39.0	38.2	39.3	39.3	40.7	38.2	38.8	40.8
1125	Non-participating	40.3	39.6	40.8	40.8	42.2	39.8	40.5	42.2
1126	Non-participating	37.1	36.3	37.6	37.6	39.0	36.7	37.3	39.3
1127	Non-participating	39.8	39.0	40.3	40.3	41.7	39.4	39.6	45.8
1128	Non-participating	36.3	35.5	36.6	36.6	38.0	35.4	36.3	38.0
1129	Non-participating	33.8	33.0	34.1	34.1	35.5	32.9	33.5	35.5
1130	Non-participating	39.2	38.5	39.7	39.7	41.1	38.8	39.5	41.1
1131	Participating	45.2	44.4	45.9	45.9	47.3	45.3	45.8	47.3
1132	Non-participating	37.1	36.3	37.5	37.5	38.9	36.4	37.2	38.9
1133	Non-participating	37.8	37.1	38.3	38.2	39.6	37.2	38.0	39.6
1134	Non-participating	36.3	35.5	36.6	36.6	38.0	35.5	36.3	38.0

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)
1135	Non-participating	37.0	36.2	37.3	37.2	38.7	36.0	36.7	38.8
1136	Non-participating	44.1	43.3	44.8	44.7	46.1	44.0	44.4	46.1
1137	Non-participating	43.4	42.6	44.1	44.1	45.5	43.4	43.5	46.8
1138	Non-participating	33.4	32.6	33.7	33.7	35.2	32.5	33.0	35.2
1139	Non-participating	39.1	38.4	39.7	39.7	41.1	38.9	39.1	41.1
1140	Non-participating	38.8	38.0	39.2	39.2	40.6	38.2	38.6	40.6
1141	Non-participating	37.0	36.2	37.4	37.4	38.8	36.1	37.0	38.8
1142	Non-participating	35.3	34.5	35.6	35.5	37.0	34.3	35.0	37.0
1143	Non-participating	44.0	43.2	44.7	44.7	46.1	44.1	44.6	46.1
1144	Non-participating	38.3	37.5	38.6	38.6	40.0	37.5	37.9	40.1
1145	Non-participating	35.8	35.0	36.0	36.0	37.5	34.7	35.6	37.5
1146	Non-participating	41.4	40.7	42.1	42.0	43.4	41.3	41.9	43.4
1147	Non-participating	35.6	34.8	35.9	35.9	37.3	34.6	35.5	37.3
1148	Non-participating	43.0	42.2	43.8	43.7	45.1	43.1	43.5	45.1
1149	Non-participating	40.5	39.7	41.0	41.0	42.4	40.1	40.6	42.4
1150	Non-participating	35.0	34.2	35.3	35.2	36.7	34.1	34.6	36.9
1151	Participating	44.7	43.9	45.5	45.4	46.9	44.9	45.3	46.9
1152	Participating	35.7	34.9	36.0	35.9	37.4	34.7	35.6	37.4
1153	Non-participating	38.9	38.1	39.4	39.4	40.8	38.5	39.1	40.8
1154	Non-participating	37.0	36.2	37.3	37.3	38.7	36.0	36.8	38.8
1155	Non-participating	40.4	39.6	40.9	40.9	42.3	40.0	40.5	42.3
1156	Non-participating	42.6	41.8	43.2	43.2	44.5	42.3	42.7	44.6
1157	Non-participating	36.2	35.4	36.5	36.4	37.9	35.2	36.1	38.0
1158	Non-participating	44.0	43.3	44.8	44.7	46.1	44.1	44.6	46.1
1159	Non-participating	31.6	30.8	31.9	31.9	33.3	30.7	31.1	33.3
1160	Non-participating	34.6	33.8	34.9	34.9	36.4	33.7	34.5	36.4
1161	Non-participating	36.8	36.0	37.1	37.1	38.6	36.0	36.4	38.9
1162	Participating	40.0	39.2	40.5	40.4	41.8	39.5	40.0	41.8
1163	Non-participating	28.9	28.0	29.0	28.9	30.7	27.5	28.4	30.7
1164	Non-participating	40.0	39.3	40.8	40.7	42.2	40.1	40.5	42.3
1165	Non-participating	33.0	32.2	33.3	33.3	34.7	32.1	32.4	34.7
1166	Non-participating	38.3	37.6	38.7	38.7	40.0	37.6	38.3	40.0
1167	Non-participating	37.8	37.1	38.3	38.3	39.6	37.2	37.5	39.9
1168	Non-participating	34.4	33.6	34.8	34.8	36.2	33.7	34.1	36.7
1169	Participating	43.0	42.2	43.6	43.6	45.0	42.8	43.1	45.0
1170	Non-participating	34.9	34.1	35.2	35.2	36.6	34.0	34.8	36.6
1171	Non-participating	43.9	43.1	44.6	44.6	46.0	43.9	44.4	46.0
1172	Non-participating	40.9	40.1	41.5	41.5	42.8	40.6	41.3	42.8
1173	Non-participating	40.8	40.0	41.3	41.3	42.7	40.4	40.7	42.8
1174	Non-participating	44.0	43.2	44.6	44.6	46.0	43.9	44.1	46.0
1175	Non-participating	38.3	37.6	38.8	39.1	40.1	37.8	38.4	40.1
1176	Non-participating	35.1	34.3	35.4	35.4	36.8	34.1	34.9	36.8

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)
1177	Non-participating	42.4	41.7	43.1	43.1	44.5	42.4	42.5	46.0
1178	Non-participating	37.0	36.2	37.4	37.4	38.7	36.3	37.1	38.7
1179	Non-participating	46.1	45.3	46.8	46.8	48.2	46.2	46.7	48.2
1180	Non-participating	34.6	33.8	34.8	34.8	36.3	33.5	34.3	36.5
1181	Non-participating	39.0	38.3	39.5	39.5	40.9	38.5	39.1	40.9
1182	Non-participating	34.8	34.0	35.1	35.1	36.5	33.9	34.6	36.5
1183	Participating	42.5	41.8	43.2	43.2	44.6	42.5	43.1	44.6
1184	Non-participating	35.0	34.2	35.3	35.3	36.8	34.1	34.9	36.9
1185	Non-participating	41.2	40.4	41.7	41.7	43.1	40.8	41.4	43.1
1186	Non-participating	40.6	39.9	41.1	41.1	42.5	40.1	40.8	42.5
1187	Non-participating	34.7	33.9	34.9	34.9	36.4	33.6	34.4	36.4
1188	Non-participating	39.9	39.1	40.4	40.3	41.8	39.4	39.7	41.9
1189	Non-participating	38.1	37.3	38.5	38.5	39.9	37.5	37.9	40.3
1190	Non-participating	41.2	40.5	41.9	41.8	43.2	41.1	41.2	45.1
1191	Non-participating	40.1	39.3	40.6	40.6	42.0	39.7	39.9	45.8
1192	Non-participating	34.2	33.4	34.5	34.5	36.0	33.3	34.2	36.0
1193	Non-participating	40.3	39.5	40.8	40.8	42.1	39.8	40.4	42.1
1194	Non-participating	37.4	36.6	37.9	37.9	39.2	36.9	37.3	39.2
1195	Non-participating	40.1	39.4	40.7	40.7	42.1	39.8	40.1	42.1
1196	Non-participating	38.3	37.5	38.8	38.8	40.2	37.9	38.6	40.2
1197	Non-participating	39.9	39.1	40.3	40.3	41.7	39.3	39.8	41.7
1198	Participating	37.4	36.7	37.8	37.8	39.2	36.6	37.4	39.2
1199	Non-participating	34.3	33.5	34.7	34.6	36.1	33.5	34.0	36.6
1200	Non-participating	36.6	35.8	37.0	37.1	38.3	35.8	36.7	38.3
1201	Non-participating	35.5	34.7	35.8	35.8	37.3	34.6	35.3	37.3
1202	Non-participating	35.6	34.8	35.9	35.9	37.3	34.7	35.6	37.3
1203	Non-participating	43.6	42.9	44.3	44.2	45.6	43.4	43.8	45.7
1204	Non-participating	44.3	43.5	45.0	44.9	46.3	44.2	44.7	46.3
1205	Non-participating	35.1	34.4	35.4	35.4	36.9	34.2	35.0	36.9
1206	Non-participating	35.9	35.2	36.3	36.3	37.7	35.3	35.9	37.7
1207	Non-participating	34.6	33.8	35.0	34.9	36.4	33.8	34.3	36.8
1208	Non-participating	34.9	34.1	35.2	35.2	36.6	33.9	34.8	36.6
1209	Non-participating	34.4	33.6	34.7	34.6	36.1	33.4	34.2	36.1
1210	Non-participating	40.2	39.4	40.8	40.7	42.1	39.9	40.5	42.1
1211	Participating	42.9	42.1	43.4	43.4	44.8	42.6	43.0	44.8
1212	Non-participating	38.1	37.3	38.5	38.5	39.9	37.4	38.1	39.9
1213	Non-participating	34.2	33.5	34.6	34.5	36.0	33.4	34.1	36.0
1214	Non-participating	34.3	33.5	34.5	34.6	36.0	33.2	33.9	36.1
1215	Non-participating	39.8	39.1	40.3	40.3	41.6	39.2	40.0	41.6
1216	Non-participating	31.9	31.1	32.2	32.2	33.6	30.9	31.4	33.6
1217	Non-participating	35.6	34.8	35.9	35.9	37.3	34.8	35.4	37.3
1218	Non-participating	40.4	39.8	40.8	40.7	41.9	40.0	40.5	41.9

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)
1219	Non-participating	40.0	39.2	40.5	40.5	41.9	39.5	39.9	41.9
1220	Non-participating	36.0	35.3	36.4	36.3	37.8	35.2	36.0	37.9
1221	Non-participating	37.9	37.2	38.4	38.3	39.7	37.3	37.7	40.0
1222	Non-participating	30.3	29.5	30.5	30.4	32.0	29.1	29.9	32.0
1223	Non-participating	34.5	33.7	34.7	34.6	36.2	33.3	34.0	36.5
1224	Non-participating	40.8	40.1	41.5	41.4	42.8	40.6	40.7	44.7
1225	Non-participating	38.1	37.3	38.5	38.5	39.9	37.4	37.6	40.2
1226	Participating	35.1	34.3	35.5	35.5	37.0	34.5	35.0	37.4
1227	Non-participating	34.1	33.3	34.5	34.4	35.9	33.3	33.7	36.4
1228	Participating	45.4	44.7	46.2	46.2	47.6	45.7	46.0	47.6
1229	Participating	42.5	41.7	43.1	43.1	44.5	42.4	43.0	44.5
1230	Non-participating	37.4	36.6	37.6	37.6	39.0	36.4	37.1	39.1
1231	Participating	45.2	44.4	45.9	45.9	47.3	45.3	45.8	47.3
1232	Non-participating	33.5	32.7	33.8	33.8	35.3	32.6	33.5	35.3
1233	Participating	35.5	34.7	35.8	35.7	37.2	34.5	35.3	37.2
1234	Participating	38.8	38.0	39.5	39.4	40.8	38.7	38.8	41.0
1235	Non-participating	36.8	36.1	37.3	37.2	38.7	36.2	36.6	38.7
1236	Participating	44.3	43.5	45.1	45.0	46.5	44.5	44.6	46.5
1237	Participating	44.1	43.3	44.7	44.7	46.0	43.9	44.5	46.0
1238	Non-participating	39.7	39.0	40.2	40.1	41.5	39.1	39.9	41.5
1239	Non-participating	42.4	41.7	43.1	43.1	44.5	42.4	42.8	44.5
1240	Participating	44.7	44.1	45.4	45.3	46.5	44.9	45.2	46.5
1241	Participating	38.6	37.8	39.1	39.0	40.4	38.0	38.8	40.4
1242	Non-participating	42.2	41.4	42.9	42.9	44.3	42.3	42.5	44.3
1243	Non-participating	32.9	32.1	33.3	33.2	34.7	32.1	32.7	35.6
1244	Participating	38.1	37.4	38.5	38.5	39.9	37.4	38.0	39.9
1245	Non-participating	39.0	38.2	39.4	39.4	40.8	38.4	39.1	40.8
1246	Non-participating	36.0	35.2	36.4	36.4	37.8	35.3	36.1	37.9
1247	Non-participating	31.8	31.0	32.1	32.1	33.5	30.8	31.4	33.5
1248	Non-participating	38.8	38.1	39.3	39.3	40.6	38.3	38.7	40.9
1249	Non-participating	37.6	36.8	38.0	37.9	39.4	36.9	37.1	40.2
1250	Non-participating	35.2	34.4	35.5	35.5	37.0	34.4	35.2	37.0
1251	Non-participating	33.2	32.4	33.5	33.4	34.9	32.2	33.0	34.9
1252	Non-participating	38.3	37.5	38.6	38.6	40.0	37.5	38.3	40.0
1253	Non-participating	41.2	40.4	41.8	41.8	43.1	41.0	41.2	43.1
1254	Participating	38.9	38.1	39.3	39.3	40.7	38.3	38.7	40.7
1255	Non-participating	34.0	33.2	34.3	34.3	35.7	32.9	33.7	35.7
1256	Non-participating	33.7	32.9	34.0	33.9	35.4	32.7	33.6	35.4
1257	Non-participating	39.1	38.3	39.5	39.5	40.9	38.6	39.3	40.9
1258	Non-participating	37.0	36.3	37.3	37.2	38.6	36.0	36.7	38.7
1259	Non-participating	38.6	37.8	39.0	39.0	40.4	38.0	38.3	40.6
1260	Non-participating	40.4	39.6	41.1	41.0	42.5	40.4	40.9	42.6

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)
1261	Participating	34.6	33.8	34.8	34.8	36.3	33.5	34.4	36.3
1262	Non-participating	35.4	34.6	35.8	35.8	37.2	34.7	35.3	37.2
1263	Non-participating	37.0	36.2	37.3	37.3	38.7	36.0	36.9	38.7
1264	Non-participating	42.3	41.5	43.0	42.9	44.4	42.2	42.4	44.5
1265	Participating	43.2	42.4	43.9	43.9	45.3	43.2	43.7	45.3
1266	Non-participating	41.1	40.3	41.8	41.8	43.1	41.0	41.4	43.1
1267	Non-participating	39.0	38.2	39.6	39.5	40.9	38.7	39.3	40.9
1268	Non-participating	37.1	36.3	37.5	37.5	38.9	36.5	36.9	38.9
1269	Participating	44.0	43.2	44.6	44.6	45.9	43.8	44.2	45.9
1270	Non-participating	36.5	35.7	36.8	36.8	38.3	35.6	36.0	38.6
1271	Non-participating	43.8	43.0	44.4	44.4	45.8	43.6	44.2	45.8
1272	Non-participating	36.4	35.6	36.8	36.7	38.2	35.6	36.4	38.2
1273	Non-participating	37.8	37.0	38.2	38.2	39.6	37.1	37.5	39.9
1274	Non-participating	34.3	33.5	34.6	34.6	36.1	33.5	33.8	36.6
1275	Non-participating	34.3	33.5	34.6	34.6	36.1	33.3	34.1	36.1
1276	Non-participating	39.8	39.0	40.3	40.2	41.6	39.3	39.8	41.6
1277	Non-participating	40.1	39.3	40.7	40.7	42.1	39.9	40.5	42.1
1278	Non-participating	37.8	37.0	38.2	38.2	39.6	37.1	37.9	39.6
1279	Non-participating	38.5	37.7	39.1	39.1	40.5	38.3	38.8	40.7
1280	Non-participating	38.2	37.4	38.6	38.6	40.0	37.6	37.8	40.3
1281	Participating	36.3	35.5	36.7	36.6	38.1	35.5	36.3	38.1
1282	Non-participating	41.6	40.8	42.2	42.2	43.6	41.4	42.0	43.6
1283	Non-participating	40.1	39.3	40.6	40.6	42.0	39.6	40.4	42.0
1284	Participating	39.5	38.7	40.0	39.9	41.3	39.0	39.6	41.3
1285	Participating	41.5	40.7	42.2	42.2	43.6	41.5	42.0	43.6
1286	Participating	37.9	37.1	38.2	38.2	39.6	37.1	37.9	39.6
1287	Non-participating	34.7	33.9	35.0	35.0	36.4	33.7	34.5	36.4
1288	Non-participating	37.4	36.6	37.8	37.8	39.2	36.8	37.1	39.2
1289	Non-participating	37.5	36.7	38.0	38.0	39.3	37.0	37.2	39.3
1290	Non-participating	39.7	38.9	40.2	40.1	41.5	39.2	39.5	41.5
1291	Non-participating	32.2	31.4	32.5	32.4	33.9	31.2	31.8	33.9
1292	Participating	37.9	37.1	38.3	38.3	39.7	37.2	37.5	40.0
1293	Non-participating	34.3	33.5	34.5	34.5	36.0	33.2	33.9	36.2
1294	Participating	36.7	35.9	37.0	37.0	38.4	35.9	36.2	38.5
1295	Participating	36.8	36.0	37.1	37.0	38.5	35.8	36.5	38.5
1296	Participating	35.7	34.9	35.9	35.9	37.4	34.6	35.4	37.4
1297	Non-participating	36.2	35.4	36.7	36.7	38.1	35.7	36.0	38.1
1298	Non-participating	33.6	32.8	33.9	34.4	35.3	32.6	33.4	35.3
1299	Non-participating	36.5	35.8	37.0	37.0	38.3	35.9	36.7	38.3
1300	Participating	42.9	42.2	43.6	43.6	45.0	42.9	43.2	45.0
1301	Participating	44.9	44.2	45.7	45.6	47.0	45.0	45.5	47.0
1302	Non-participating	40.1	39.4	40.8	40.7	42.1	40.0	40.5	42.1

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)
1303	Participating	39.3	38.5	39.8	39.8	41.2	38.8	39.1	41.2
1304	Non-participating	36.3	35.5	36.6	36.6	38.0	35.4	36.2	38.1
1305	Non-participating	41.7	40.9	42.3	42.3	43.7	41.5	42.1	43.7
1306	Non-participating	44.0	43.2	44.8	44.7	46.1	44.1	44.3	46.1
1307	Non-participating	36.4	35.7	36.7	36.7	38.1	35.4	36.3	38.2
1308	Non-participating	40.7	40.2	41.0	41.0	42.1	40.3	40.8	42.1
1309	Non-participating	43.2	42.5	43.9	43.9	45.3	43.2	43.4	46.0
1310	Non-participating	40.9	40.1	41.4	41.3	42.7	40.4	40.9	42.7
1311	Non-participating	36.2	35.4	36.7	36.6	38.0	35.6	36.2	38.0
1312	Non-participating	39.1	38.3	39.6	39.6	40.9	38.6	39.3	40.9
1313	Non-participating	38.0	37.2	38.3	38.3	39.7	37.3	37.7	39.7
1314	Non-participating	43.5	42.7	44.0	44.0	45.4	43.2	43.8	45.4
1315	Non-participating	39.9	39.1	40.4	40.4	41.8	39.5	40.2	41.8
1316	Non-participating	34.1	33.3	34.3	34.3	35.8	33.0	33.9	35.8
1317	Non-participating	39.7	39.0	40.1	40.1	41.4	39.1	39.8	41.4
1318	Non-participating	37.8	37.0	38.2	38.2	39.6	37.2	37.3	41.7
1319	Non-participating	41.9	41.1	42.5	42.4	43.8	41.7	41.8	46.0
1320	Non-participating	35.0	34.2	35.3	35.2	36.7	34.0	34.9	36.7
1321	Non-participating	38.5	37.7	39.0	39.0	40.3	37.9	38.2	40.3
1322	Non-participating	36.5	35.7	36.8	36.8	38.2	35.5	36.3	38.2
1323	Non-participating	36.6	35.8	36.9	36.9	38.3	35.7	36.5	38.4
1324	Participating	41.2	40.4	41.7	41.7	43.0	40.8	41.0	43.2
1325	Non-participating	38.4	37.6	38.9	38.8	40.2	37.9	38.6	40.2
1326	Non-participating	33.8	33.0	34.1	34.0	35.5	32.7	33.5	35.5
1327	Non-participating	32.5	31.7	32.8	32.7	34.2	31.6	31.9	34.2
1328	Non-participating	37.8	37.0	38.2	38.2	39.6	37.2	38.0	39.6
1329	Participating	43.6	43.5	43.7	43.7	44.1	43.5	43.6	44.1
1330	Non-participating	39.4	38.6	39.8	39.8	41.2	38.8	39.5	41.2
1331	Participating	45.3	44.6	46.2	46.1	47.6	45.6	45.8	47.6
1332	Non-participating	35.7	34.9	36.0	35.9	37.4	34.7	35.6	37.4
1333	Non-participating	32.7	31.9	33.0	33.0	34.4	31.8	32.2	34.4
1334	Non-participating	39.6	38.8	40.3	40.2	41.6	39.5	39.6	41.6
1335	Non-participating	37.8	37.0	38.3	38.3	39.7	37.3	38.1	39.8
1336	Non-participating	34.2	33.4	34.5	34.5	36.0	33.2	33.7	38.5
1337	Non-participating	34.6	33.8	34.8	34.8	36.3	33.5	34.4	36.3
1338	Non-participating	38.1	37.4	38.6	38.6	40.0	37.5	37.9	40.2
1339	Non-participating	37.3	36.5	37.7	37.7	39.1	36.5	36.9	39.4
1340	Non-participating	35.4	34.6	35.7	35.6	37.1	34.4	35.1	37.1
1341	Non-participating	41.4	40.6	41.9	41.9	43.3	41.0	41.6	43.3
1342	Non-participating	31.7	30.9	31.9	31.8	33.4	30.5	31.4	33.4
1343	Non-participating	41.9	41.1	42.6	42.5	43.9	41.8	42.4	43.9
1344	Non-participating	41.9	41.1	42.4	42.4	43.8	41.5	42.2	43.8

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)
1345	Non-participating	36.5	35.7	36.9	36.8	38.3	35.7	36.1	38.6
1346	Non-participating	34.8	34.0	35.0	35.0	36.5	33.7	34.2	37.0
1347	Non-participating	36.0	35.2	36.3	36.3	37.7	35.1	35.4	38.1
1348	Non-participating	39.4	38.7	39.9	39.9	41.3	38.9	39.2	41.4
1349	Participating	35.8	35.0	36.0	36.0	37.5	34.7	35.3	37.5
1350	Non-participating	43.8	43.0	44.5	44.4	45.8	43.7	44.1	45.8
1351	Non-participating	36.8	36.0	37.2	37.1	38.6	36.0	36.8	38.6
1352	Non-participating	37.1	36.3	37.4	37.4	38.8	36.2	37.0	38.8
1353	Non-participating	38.5	37.7	39.0	38.9	40.3	38.0	38.7	40.3
1354	Participating	37.3	36.6	37.7	37.6	39.1	36.5	37.2	39.2
1355	Non-participating	42.2	41.4	43.0	42.9	44.4	42.4	42.4	44.4
1356	Non-participating	40.7	39.9	41.3	41.3	42.7	40.5	41.0	42.7
1357	Non-participating	36.0	35.2	36.3	36.3	37.7	34.9	35.8	37.8
1358	Non-participating	41.5	40.7	42.1	42.1	43.5	41.3	41.9	43.5
1359	Non-participating	37.1	36.4	37.5	37.4	38.9	36.2	37.1	38.9
1360	Non-participating	39.0	38.3	39.5	39.5	40.8	38.5	39.2	40.8
1361	Non-participating	38.8	38.0	39.4	39.4	40.8	38.6	39.2	41.0
1362	Non-participating	43.6	42.8	44.3	44.2	45.6	43.5	43.7	46.4
1363	Non-participating	36.5	35.7	36.9	36.8	38.3	35.7	36.1	38.7
1364	Non-participating	45.0	44.2	45.7	45.6	47.1	45.0	45.3	47.1
1365	Non-participating	30.6	29.7	30.8	30.8	32.3	29.5	30.1	32.3
1366	Non-participating	43.9	43.2	44.7	44.6	46.1	44.1	44.5	46.1
1367	Non-participating	33.9	33.1	34.3	34.2	35.7	33.1	33.5	36.3
1368	Non-participating	35.5	34.7	35.7	35.7	37.2	34.4	35.1	37.2
1369	Non-participating	35.0	34.2	35.2	35.2	36.7	33.9	34.9	36.7
1370	Non-participating	35.0	34.2	35.3	35.3	36.8	34.0	34.9	36.8
1371	Non-participating	43.7	43.0	44.4	44.3	45.7	43.6	44.1	45.7
1372	Non-participating	41.1	40.3	41.8	41.8	43.1	41.0	41.4	43.1
1373	Participating	34.8	34.0	35.1	35.0	36.5	33.8	34.5	37.0
1374	Non-participating	36.5	35.7	36.8	36.8	38.2	35.6	36.0	42.8
1375	Non-participating	46.1	45.3	46.8	46.8	48.2	46.2	46.7	48.2
1376	Non-participating	35.0	34.2	35.3	35.3	36.8	34.1	34.9	36.8
1377	Non-participating	42.9	42.1	43.5	43.5	44.9	42.7	43.1	44.9
1378	Non-participating	34.9	34.1	35.3	35.2	36.7	34.1	34.9	36.7
1379	Non-participating	37.8	37.0	38.1	38.1	39.5	36.9	37.4	39.6
1380	Non-participating	41.6	40.9	42.3	42.2	43.6	41.5	42.0	43.6
1381	Non-participating	35.6	34.8	36.0	36.0	37.4	34.9	35.7	37.4
1382	Non-participating	29.2	28.3	29.3	29.3	30.9	27.8	28.7	30.9
1383	Non-participating	39.6	38.8	40.2	40.1	41.5	39.3	39.9	41.5
1384	Non-participating	40.4	39.6	41.0	40.9	42.3	40.1	40.3	42.3
1385	Non-participating	43.5	42.7	44.1	44.1	45.5	43.4	44.0	45.5
1386	Participating	36.9	36.1	37.5	37.5	38.9	36.6	37.2	39.2

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)
1387	Non-participating	39.3	38.6	39.8	39.8	41.2	38.8	39.1	41.4
1388	Non-participating	34.5	33.7	34.9	34.8	36.3	33.7	34.2	36.7
1389	Non-participating	42.8	42.0	43.4	43.3	44.7	42.5	42.8	44.7
1390	Non-participating	39.2	38.4	39.7	39.7	41.0	38.7	39.3	41.0
1391	Non-participating	33.7	32.9	34.0	34.0	35.5	32.8	33.6	35.5
1392	Participating	36.9	36.3	37.0	37.0	38.2	36.0	36.6	38.2
1393	Non-participating	31.9	31.1	32.2	32.2	33.6	30.9	31.8	33.6
1394	Non-participating	36.4	35.6	36.7	36.7	38.1	35.4	36.3	38.2
1395	Non-participating	41.3	40.5	41.9	41.9	43.3	41.1	41.2	45.1
1396	Non-participating	43.0	42.2	43.6	43.6	44.9	42.8	43.0	45.1
1397	Non-participating	36.8	36.0	37.1	37.1	38.5	35.9	36.2	38.9
1398	Non-participating	36.2	35.4	36.5	36.5	38.0	35.4	35.6	39.0
1399	Non-participating	36.7	36.0	37.1	37.2	38.5	36.1	36.9	38.5
1400	Non-participating	38.3	37.6	38.7	38.7	40.1	37.5	38.4	40.1
1401	Non-participating	34.6	33.8	34.8	34.8	36.3	33.6	34.1	36.3
1402	Non-participating	35.1	34.4	35.5	35.4	36.9	34.3	34.7	37.0
1403	Participating	36.1	35.3	36.3	36.3	37.7	35.0	35.8	37.7
1404	Non-participating	37.6	36.9	38.1	38.0	39.4	37.0	37.8	39.4
1405	Non-participating	35.5	34.7	35.8	35.8	37.2	34.7	35.5	37.2
1406	Participating	45.2	44.4	46.0	45.9	47.3	45.3	45.8	47.3
1407	Non-participating	34.6	33.8	34.8	34.8	36.3	33.6	34.3	36.3
1408	Non-participating	39.3	38.5	39.7	39.7	41.1	38.7	39.1	41.3
1409	Participating	37.6	36.8	38.0	38.0	39.4	37.0	37.6	39.4
1410	Non-participating	42.2	41.4	42.8	42.8	44.2	41.9	42.3	44.2
1411	Non-participating	40.5	39.8	41.2	41.2	42.6	40.5	40.7	42.6
1412	Non-participating	35.9	35.1	36.3	36.2	37.7	35.2	36.0	37.7
1413	Participating	35.8	35.0	36.1	36.0	37.5	34.8	35.5	37.7
1414	Non-participating	37.1	36.3	37.5	37.5	38.9	36.4	37.2	38.9
1415	Non-participating	38.3	37.5	38.7	38.7	40.1	37.7	38.0	40.3
1416	Non-participating	34.6	33.9	35.0	35.0	36.4	33.8	34.5	36.4
1417	Non-participating	35.3	34.6	35.8	35.8	37.2	34.8	35.4	37.8
1418	Non-participating	41.2	40.4	41.8	41.7	43.1	40.9	41.6	43.2
1419	Non-participating	31.8	31.0	32.1	32.0	33.5	30.8	31.3	33.5
1420	Participating	40.3	39.5	40.7	40.7	42.1	39.6	40.1	42.1
1421	Non-participating	37.7	36.9	38.1	38.1	39.5	37.0	37.4	39.8
1422	Non-participating	43.2	42.4	43.9	43.9	45.3	43.2	43.4	45.3
1423	Non-participating	37.9	37.1	38.3	38.3	39.7	37.3	38.0	39.7
1424	Participating	38.4	37.6	38.7	38.7	40.1	37.5	38.4	40.1
1425	Non-participating	39.5	38.8	40.0	40.0	41.4	39.0	39.4	41.4
1426	Non-participating	41.8	41.0	42.4	42.4	43.8	41.6	42.2	43.8
1427	Non-participating	34.4	33.6	34.6	34.6	36.1	33.3	34.0	36.4
1428	Non-participating	39.0	38.2	39.4	39.4	40.8	38.4	39.2	40.8

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)
1429	Non-participating	36.1	35.3	36.5	36.5	37.9	35.4	36.0	37.9
1430	Non-participating	41.8	41.0	42.5	42.4	43.8	41.8	42.0	43.8
1431	Participating	44.2	43.4	44.9	44.8	46.2	44.1	44.7	46.2
1432	Non-participating	35.4	34.7	35.8	35.7	37.2	34.5	35.3	37.2
1433	Non-participating	39.8	39.0	40.2	40.2	41.6	39.1	39.9	41.6
1434	Non-participating	41.2	40.4	41.7	41.7	43.1	40.9	41.3	43.1
1435	Non-participating	38.4	37.6	38.8	38.8	40.2	37.8	38.6	40.2
1436	Participating	38.6	37.8	39.1	39.0	40.4	38.0	38.7	40.4
1437	Non-participating	39.8	39.0	40.2	40.2	41.6	39.1	39.9	41.6
1438	Non-participating	42.2	41.4	42.7	42.7	44.1	41.9	42.3	44.1
1439	Non-participating	37.8	37.1	38.2	38.2	39.6	37.1	37.3	40.0
1440	Non-participating	33.0	32.2	33.4	33.3	34.8	32.2	32.8	35.6
1441	Participating	40.9	40.1	41.4	41.4	42.7	40.5	40.8	42.7
1442	Participating	42.4	41.7	43.1	43.0	44.5	42.3	42.8	44.5
1443	Non-participating	35.4	34.6	35.7	35.7	37.1	34.5	35.4	37.1
1444	Non-participating	37.3	36.7	37.5	37.5	38.8	36.4	37.0	38.9
1445	Participating	46.0	45.2	46.8	46.7	48.1	46.1	46.6	48.1
1446	Non-participating	42.3	41.5	42.8	42.8	44.2	41.9	42.3	44.2
1447	Non-participating	30.8	30.0	31.0	30.9	32.5	29.6	30.5	32.5
1448	Non-participating	34.2	33.4	34.4	34.4	35.9	33.1	34.0	35.9
1449	Non-participating	38.2	37.4	38.5	38.5	39.9	37.4	38.2	39.9
1450	Non-participating	34.8	34.0	35.1	35.1	36.6	33.8	34.3	36.6
1451	Non-participating	38.5	37.8	39.1	39.1	40.5	38.3	38.8	40.7
1452	Participating	40.1	39.4	40.7	40.7	42.0	39.7	40.2	42.0
1453	Non-participating	36.1	35.3	36.4	36.5	37.8	35.0	35.8	37.8
1454	Non-participating	34.9	34.1	35.2	35.2	36.6	34.0	34.8	36.6
1455	Non-participating	39.2	38.5	39.7	39.7	41.1	38.7	39.4	41.1
1456	Non-participating	43.7	42.9	44.5	44.4	45.8	43.8	44.3	45.8
1457	Non-participating	39.2	38.4	39.6	39.6	41.0	38.6	39.0	41.2
1458	Non-participating	41.7	41.0	42.3	42.3	43.7	41.5	41.7	43.8
1459	Non-participating	40.7	39.9	41.2	41.1	42.5	40.2	40.9	42.5
1460	Non-participating	38.7	37.9	39.1	39.1	40.5	38.1	38.8	40.5
1461	Non-participating	42.0	41.2	42.7	42.6	44.0	42.0	42.3	44.0
1462	Non-participating	40.7	40.0	41.3	41.2	42.6	40.4	41.0	42.6
1463	Non-participating	41.3	40.9	41.6	41.6	42.5	41.0	41.4	42.5
1464	Non-participating	30.7	29.9	30.8	31.0	32.3	29.3	30.3	32.3
1465	Non-participating	34.1	33.3	34.4	34.4	35.8	33.1	34.0	35.8
1466	Non-participating	37.5	36.7	37.9	37.8	39.2	36.8	37.0	40.4
1467	Non-participating	38.9	38.1	39.3	39.3	40.7	38.3	39.0	40.7
1468	Participating	43.2	42.4	43.9	43.8	45.2	43.1	43.7	45.2
1469	Non-participating	34.7	33.9	35.1	35.0	36.5	33.9	34.7	36.5
1470	Non-participating	41.6	40.8	42.2	42.2	43.6	41.4	41.6	43.6

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)
1471	Participating	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
1472	Participating	43.3	42.5	43.9	43.9	45.3	43.1	43.7	45.3
1473	Non-participating	45.8	45.0	46.6	46.5	48.0	45.9	46.2	48.0
1474	Non-participating	34.6	33.8	34.9	34.8	36.3	33.6	34.4	36.3
1475	Non-participating	36.2	35.4	36.6	36.6	38.0	35.5	35.8	38.0
1476	Non-participating	36.2	35.4	36.5	36.4	37.9	35.2	36.0	38.0
1477	Non-participating	37.5	36.7	37.9	37.8	39.3	36.7	37.5	39.3
1478	Participating	42.9	42.1	43.7	43.6	45.1	43.0	43.5	45.1
1479	Non-participating	31.2	30.4	31.5	31.5	32.9	30.2	30.8	32.9
1480	Non-participating	36.2	35.4	36.7	36.6	38.1	35.7	36.4	38.5
1481	Non-participating	35.2	34.4	35.6	35.5	37.0	34.5	35.2	37.0
1482	Non-participating	37.9	37.1	38.4	38.3	39.7	37.3	38.1	39.7
1483	Non-participating	39.5	38.7	40.0	39.9	41.3	39.0	39.7	41.3
1484	Non-participating	41.0	40.2	41.5	41.5	42.9	40.6	41.3	42.9
1485	Non-participating	34.4	33.6	34.7	34.6	36.2	33.3	33.8	36.8
1486	Non-participating	40.0	39.2	40.7	40.6	42.0	39.9	40.4	42.2
1487	Non-participating	34.0	33.2	34.3	34.2	35.7	33.0	33.7	35.7
1488	Participating	41.6	40.8	42.2	42.2	43.6	41.4	41.9	43.6
1489	Non-participating	32.3	31.5	32.7	32.6	34.0	31.4	31.8	34.0
1490	Non-participating	39.2	38.4	39.6	39.6	41.0	38.6	39.0	41.0
1491	Non-participating	39.3	38.6	39.9	39.9	41.3	39.0	39.7	41.3
1492	Non-participating	40.8	40.0	41.4	41.4	42.8	40.6	41.2	42.8
1493	Non-participating	43.6	42.8	44.2	44.2	45.6	43.4	44.0	45.6
1494	Participating	38.4	37.6	38.8	38.8	40.2	37.8	38.0	40.5
1495	Participating	45.4	44.6	46.2	46.1	47.5	45.5	45.7	47.6
1496	Non-participating	36.4	35.7	36.8	36.8	38.2	35.6	36.0	43.6
1497	Non-participating	43.2	42.4	43.9	43.9	45.3	43.3	43.7	45.3
1498	Non-participating	35.3	34.5	35.7	35.6	37.0	34.6	35.2	37.0
1499	Non-participating	35.6	34.8	35.9	35.9	37.4	34.6	35.4	37.4
1500	Non-participating	34.6	33.8	34.9	34.9	36.4	33.7	34.0	36.6
1501	Participating	44.5	43.8	45.3	45.2	46.6	44.6	44.8	46.6
1502	Non-participating	34.4	33.6	34.7	34.7	36.1	33.4	34.2	36.1
1503	Non-participating	33.1	32.3	33.3	33.3	34.8	31.9	32.6	34.8
1504	Non-participating	40.9	40.1	41.5	41.4	42.8	40.6	40.9	43.0
1505	Non-participating	44.2	43.5	44.9	44.9	46.3	44.2	44.7	46.3
1506	Non-participating	30.4	29.6	30.6	30.5	32.2	29.1	30.1	32.2
1507	Non-participating	43.8	43.0	44.6	44.5	45.9	44.0	44.2	45.9
1508	Non-participating	36.9	36.2	37.5	37.4	38.8	36.4	36.8	38.8
1509	Non-participating	41.9	41.1	42.4	42.4	43.8	41.5	41.9	43.9
1510	Non-participating	42.6	41.9	43.3	43.2	44.6	42.4	42.8	44.6
1511	Non-participating	35.5	34.8	36.0	36.1	37.4	35.0	35.6	37.4
1512	Non-participating	34.4	33.6	34.8	34.7	36.2	33.6	34.3	36.2

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)
1513	Non-participating	32.2	31.4	32.5	32.5	33.9	31.3	32.1	33.9
1514	Non-participating	35.3	34.5	35.6	35.5	37.0	34.3	35.1	37.0
1515	Non-participating	43.6	42.8	44.2	44.2	45.5	43.4	44.0	45.5
1516	Non-participating	33.9	33.1	34.2	34.2	35.7	32.9	33.7	35.7
1517	Participating	38.5	37.7	38.9	38.9	40.3	37.8	38.5	40.3
1518	Participating	43.6	42.8	44.3	44.2	45.6	43.5	44.1	45.6
1519	Participating	40.0	39.2	40.4	40.4	41.8	39.5	40.0	41.8
1520	Non-participating	36.4	35.6	36.7	36.7	38.2	35.5	36.4	38.3
1521	Non-participating	35.4	34.6	35.7	35.6	37.1	34.4	35.2	37.1
1522	Non-participating	34.3	33.5	34.6	34.6	36.0	33.4	34.1	36.0
1523	Non-participating	37.9	37.2	38.3	38.3	39.7	37.2	37.5	40.1
1524	Non-participating	39.9	39.2	40.5	40.4	41.8	39.5	39.8	42.0
1525	Non-participating	37.6	36.8	38.0	38.2	39.4	37.1	37.6	39.4
1526	Participating	44.9	44.1	45.7	45.6	47.1	45.1	45.5	47.1
1527	Non-participating	41.6	40.8	42.2	42.2	43.6	41.3	41.6	43.6
1528	Non-participating	37.4	36.6	37.8	37.8	39.2	36.7	37.1	39.2
1529	Non-participating	41.2	40.5	41.9	41.9	43.3	41.2	41.6	43.3
1530	Non-participating	35.1	34.3	35.4	35.4	36.9	34.2	34.9	37.1
1531	Participating	42.9	42.1	43.5	43.4	44.8	42.7	43.1	45.0
1532	Participating	44.0	43.3	44.6	44.6	46.0	43.8	44.2	46.0
1533	Non-participating	40.5	39.7	41.0	41.0	42.4	40.1	40.4	42.4
1534	Non-participating	38.4	37.7	38.8	38.8	40.2	37.6	38.5	40.2
1535	Non-participating	37.2	36.4	37.7	37.7	39.0	36.6	37.4	39.0
1536	Non-participating	35.3	34.5	35.6	35.6	37.0	34.4	34.9	37.0
1537	Non-participating	35.4	34.6	35.6	35.6	37.1	34.3	35.0	37.1
1538	Participating	46.2	45.5	47.0	46.9	48.4	46.4	46.8	48.4
1539	Non-participating	39.7	38.9	40.2	40.2	41.6	39.3	39.9	41.6
1540	Non-participating	39.1	38.3	39.6	39.6	41.0	38.6	39.4	41.0
1541	Non-participating	43.7	42.9	44.4	44.4	45.8	43.8	44.3	45.8
1542	Non-participating	40.0	39.2	40.4	40.4	41.7	39.5	40.1	41.7
1543	Non-participating	38.6	37.9	39.0	39.0	40.4	37.9	38.3	40.4
1544	Non-participating	34.5	33.7	34.7	34.7	36.2	33.4	34.1	36.2
1545	Non-participating	40.6	39.8	41.0	41.0	42.4	40.0	40.8	42.4
1546	Non-participating	38.9	38.1	39.4	39.4	40.8	38.5	39.2	40.8
1547	Non-participating	34.7	33.9	35.0	35.0	36.5	33.9	34.3	36.9
1548	Non-participating	39.6	38.9	40.1	40.1	41.4	39.0	39.5	41.4
1549	Participating	45.5	44.8	46.3	46.3	47.7	45.7	46.2	47.7
1550	Non-participating	38.7	37.9	39.2	39.2	40.6	38.3	39.0	40.6
1551	Non-participating	42.1	41.3	42.6	42.6	44.0	41.7	42.4	44.0
1552	Participating	44.9	44.1	45.6	45.6	47.0	44.9	45.3	47.1
1553	Non-participating	37.9	37.1	38.3	38.3	39.7	37.3	38.0	39.7
1554	Participating	41.9	41.1	42.4	42.4	43.8	41.5	42.0	43.8

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)
1555	Non-participating	35.2	34.4	35.4	35.4	36.9	34.0	34.9	36.9
1556	Non-participating	36.3	35.5	36.6	36.5	38.0	35.3	36.0	38.0
1557	Non-participating	35.8	35.0	36.0	36.0	37.5	34.7	35.5	37.5
1558	Non-participating	37.0	36.2	37.3	37.2	38.7	36.0	36.9	38.8
1559	Non-participating	38.5	37.7	39.0	38.9	40.3	38.0	38.7	40.3
1560	Non-participating	33.8	33.0	34.1	34.1	35.6	32.8	33.2	39.2
1561	Non-participating	34.5	33.8	34.9	34.9	36.3	33.8	34.2	36.8
1562	Non-participating	40.0	39.3	40.6	40.6	42.0	39.7	40.3	42.0
1563	Non-participating	31.9	31.0	32.0	32.0	33.6	30.6	31.6	33.6
1564	Non-participating	39.4	38.6	39.8	39.8	41.2	38.8	39.4	41.2
1565	Non-participating	32.0	31.2	32.3	32.3	33.7	31.1	31.5	33.7
1566	Non-participating	36.5	35.7	36.7	36.7	38.2	35.4	36.3	38.2
1567	Participating	43.7	43.0	44.5	44.4	45.8	43.8	44.3	45.8
1568	Participating	43.1	42.3	43.7	43.7	45.0	42.8	43.3	45.0
1569	Non-participating	37.2	36.4	37.6	37.5	39.0	36.4	36.8	39.3
1570	Participating	42.7	41.9	43.3	43.3	44.7	42.5	43.0	44.7
1571	Non-participating	37.1	36.4	37.5	37.5	38.9	36.4	36.8	38.9
1572	Non-participating	35.9	35.1	36.2	36.2	37.6	35.0	35.7	37.6
1573	Non-participating	37.7	36.9	38.1	38.1	39.5	37.0	37.8	39.5
1574	Non-participating	34.6	33.8	34.9	34.9	36.3	33.7	33.9	44.4
1575	Non-participating	42.0	41.3	42.7	42.6	44.0	41.8	42.5	44.0
1576	Non-participating	36.1	35.3	36.4	36.4	37.8	35.2	35.5	38.2
1577	Non-participating	40.0	39.3	40.5	40.5	41.9	39.5	39.9	41.9
1578	Non-participating	38.5	37.7	39.0	38.9	40.3	38.0	38.7	40.3
1579	Non-participating	38.4	37.6	38.8	38.7	40.2	37.6	38.4	40.2
1580	Non-participating	40.5	39.7	41.1	41.1	42.5	40.3	40.7	42.5
1581	Non-participating	32.0	31.2	32.4	33.7	33.7	31.3	31.9	33.7
1582	Non-participating	35.4	34.6	35.6	35.7	37.1	34.4	35.3	37.1
1583	Non-participating	44.4	43.7	45.1	45.1	46.4	44.3	44.9	46.4
1584	Non-participating	36.0	35.2	36.3	36.3	37.7	35.1	35.9	37.7
1585	Non-participating	43.3	42.6	44.0	44.0	45.4	43.3	43.7	45.4
1586	Non-participating	40.6	39.8	41.2	41.1	42.5	40.3	40.5	46.1
1587	Non-participating	41.9	41.2	42.6	42.5	43.9	41.7	41.9	44.0
1588	Non-participating	39.8	39.0	40.2	40.2	41.6	39.2	40.0	41.6
1589	Non-participating	37.1	36.3	37.4	37.4	38.8	36.2	37.0	38.8
1590	Non-participating	36.9	36.1	37.2	37.2	38.6	36.0	36.4	38.9
1591	Non-participating	44.1	43.3	44.8	44.7	46.1	44.0	44.6	46.1
1592	Non-participating	41.9	41.1	42.5	42.5	43.9	41.7	41.9	45.4
1593	Non-participating	37.9	37.2	38.4	38.4	39.7	37.3	37.7	40.0
1594	Non-participating	38.7	38.0	39.2	39.1	40.5	38.1	38.7	40.5
1595	Non-participating	39.8	39.1	40.4	40.3	41.7	39.5	39.6	43.5
1596	Non-participating	34.9	34.1	35.3	35.2	36.7	34.1	34.9	36.7

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)
1597	Non-participating	35.6	34.9	35.9	35.9	37.3	34.6	35.5	37.3
1598	Non-participating	36.7	35.9	37.0	37.0	38.4	35.9	36.6	38.4
1599	Participating	37.1	36.3	37.5	37.4	38.9	36.4	37.1	38.9
1600	Non-participating	32.9	32.1	33.2	33.2	34.6	32.0	32.3	34.6
1601	Non-participating	39.5	38.7	40.0	40.0	41.4	39.0	39.4	41.4
1602	Non-participating	44.6	43.8	45.3	45.2	46.6	44.5	44.8	46.6
1603	Participating	43.8	43.1	44.4	44.4	45.8	43.5	44.2	45.8
1604	Non-participating	34.0	33.2	34.3	34.3	35.8	33.1	33.9	35.8
1605	Non-participating	35.4	34.6	35.7	35.7	37.2	34.5	35.0	37.2
1606	Non-participating	41.0	40.2	41.5	41.5	42.8	40.5	41.1	42.8
1607	Non-participating	45.2	44.5	46.0	45.9	47.3	45.3	45.5	47.4
1608	Non-participating	34.1	33.3	34.4	34.3	35.8	33.1	33.5	38.4
1609	Non-participating	37.0	36.2	37.3	37.3	38.7	36.2	36.6	39.0
1610	Non-participating	36.7	35.9	37.2	37.1	38.6	36.2	36.5	38.7
1611	Participating	36.2	35.4	36.5	36.4	37.9	35.2	35.9	37.9
1612	Non-participating	36.1	35.3	36.5	36.6	37.9	35.4	35.9	37.9
1613	Non-participating	38.9	38.2	39.5	39.4	40.8	38.5	39.2	40.8
1614	Non-participating	42.2	41.4	42.9	42.8	44.2	42.1	42.3	44.2
1615	Non-participating	36.6	35.8	37.0	37.0	38.4	35.9	36.7	38.4
1616	Non-participating	38.7	37.9	39.2	39.1	40.5	38.1	38.5	40.7
1617	Non-participating	38.3	37.5	38.8	38.8	40.1	37.7	38.0	40.3
1618	Non-participating	40.1	39.4	40.9	40.8	42.2	40.2	40.6	42.4
1619	Non-participating	37.1	36.3	37.6	37.6	39.0	36.7	37.3	39.3
1620	Non-participating	41.9	41.2	42.5	42.5	43.8	41.6	42.3	43.8
1621	Non-participating	35.7	34.9	36.0	35.9	37.4	34.7	35.5	37.4
1622	Non-participating	42.1	41.3	42.7	42.6	44.0	41.9	42.5	44.0
1623	Participating	34.2	33.4	34.5	34.4	35.9	33.2	33.5	36.3
1624	Non-participating	40.3	39.5	40.9	40.8	42.2	40.0	40.5	42.2
1625	Non-participating	38.4	37.6	38.8	38.8	40.2	37.8	38.0	41.0
1626	Non-participating	34.8	34.0	35.1	35.0	36.5	33.8	34.6	36.5
1627	Non-participating	37.8	37.0	38.1	38.1	39.5	37.1	37.7	39.5
1628	Non-participating	37.6	36.8	37.9	37.9	39.3	36.7	37.6	39.3
1629	Non-participating	40.7	39.9	41.2	41.2	42.5	40.2	40.9	42.5
1630	Non-participating	36.0	35.2	36.2	36.2	37.7	34.9	35.6	37.7
1631	Non-participating	41.8	41.1	42.4	42.4	43.7	41.5	42.2	43.7
1632	Non-participating	34.2	33.4	34.5	34.4	35.9	33.3	34.1	35.9
1633	Non-participating	34.9	34.1	35.2	35.2	36.6	34.0	34.8	36.6
1634	Non-participating	37.9	37.1	38.3	38.3	39.7	37.4	38.1	39.8
1635	Participating	39.0	38.2	39.5	39.4	40.8	38.4	39.2	40.8
1636	Non-participating	38.6	37.8	38.9	38.9	40.3	37.8	38.3	40.4
1637	Non-participating	40.9	40.1	41.4	41.4	42.7	40.4	41.0	42.7
1638	Non-participating	38.3	37.5	38.7	38.7	40.1	37.7	38.1	40.5

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)
1639	Participating	40.6	39.8	41.2	41.1	42.5	40.3	40.8	42.5
1640	Participating	37.6	36.8	38.0	38.0	39.4	36.9	37.6	39.4
1641	Non-participating	39.1	38.3	39.5	39.4	40.9	38.3	39.1	40.9
1642	Non-participating	36.1	35.3	36.5	36.4	37.9	35.2	36.0	37.9
1643	Non-participating	40.9	40.4	41.2	41.2	42.2	40.6	41.0	42.2
1644	Participating	30.6	29.8	30.8	30.7	32.3	29.3	30.2	32.3
1645	Non-participating	34.7	33.9	35.0	34.9	36.5	33.6	34.4	36.7
1646	Non-participating	34.6	33.8	34.8	34.8	36.3	33.5	34.3	36.5
1647	Non-participating	36.5	35.8	37.0	37.0	38.4	36.0	36.4	38.6
1648	Non-participating	42.7	41.9	43.3	43.3	44.7	42.5	43.1	44.7
1649	Non-participating	35.6	34.8	36.1	36.1	37.4	35.0	35.6	37.4
1650	Non-participating	38.1	37.3	38.5	38.5	39.9	37.5	37.8	40.2
1651	Non-participating	38.9	38.1	39.3	39.3	40.7	38.3	38.7	41.0
1652	Non-participating	38.3	37.5	38.8	38.8	40.2	37.9	38.5	40.2
1653	Participating	46.2	45.5	47.0	46.9	48.3	46.3	46.8	48.3
1654	Non-participating	36.6	35.9	37.0	37.0	38.4	35.9	36.7	38.4
1655	Non-participating	33.6	32.8	33.9	33.9	35.3	32.7	33.3	35.3
1656	Non-participating	40.6	39.8	41.1	41.0	42.4	40.1	40.3	42.7
1657	Non-participating	35.7	34.9	36.0	35.9	37.4	34.7	35.5	37.4
1658	Non-participating	34.2	33.4	34.4	34.4	35.9	33.1	33.6	36.6
1659	Non-participating	35.2	34.5	35.6	35.6	37.0	34.4	35.2	37.0
1660	Non-participating	36.4	35.7	36.7	36.7	38.1	35.4	36.3	38.2
1661	Non-participating	40.2	39.4	40.9	40.9	42.3	40.2	40.7	42.4
1662	Participating	40.3	39.5	40.7	40.7	42.1	39.7	40.5	42.1
1663	Participating	39.0	38.2	39.5	39.5	40.8	38.6	39.2	40.8
1664	Participating	34.4	33.6	34.8	34.8	36.2	33.6	34.2	36.2
1665	Non-participating	40.8	40.3	41.1	41.1	42.1	40.4	40.9	42.1
1666	Participating	43.6	42.8	44.2	44.2	45.6	43.4	44.0	45.6
1667	Non-participating	36.3	35.5	36.6	36.6	38.0	35.4	35.8	38.0
1668	Non-participating	32.4	31.6	32.7	32.6	34.1	31.4	31.9	34.1
1669	Non-participating	34.3	33.5	34.6	34.6	36.1	33.4	34.2	36.1
1670	Non-participating	35.4	34.6	35.7	35.6	37.1	34.4	35.0	37.1
1671	Non-participating	40.2	39.4	40.7	40.6	42.0	39.7	40.4	42.0
1672	Participating	42.7	41.9	43.3	43.3	44.7	42.6	43.1	44.7
1673	Non-participating	39.3	38.5	39.7	39.7	41.1	38.6	39.2	41.1
1674	Non-participating	42.4	41.6	43.0	43.0	44.4	42.2	42.4	44.5
1675	Participating	31.0	30.2	31.3	31.2	32.8	29.9	30.5	34.2
1676	Participating	34.2	33.4	34.5	34.4	35.9	33.2	33.9	35.9
1677	Participating	32.2	31.4	32.5	32.5	34.0	31.2	32.1	34.0
1678	Participating	29.1	28.3	29.3	29.2	30.9	27.9	28.6	31.1
1679	Participating	34.1	33.3	34.4	34.3	35.8	33.1	34.0	35.8
1680	Participating	31.5	30.7	31.7	31.7	33.3	30.4	31.3	33.3

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)
1681	Participating	30.7	29.8	30.9	30.8	32.5	29.5	29.9	33.9
1682	Participating	32.7	31.9	33.0	33.0	34.4	31.8	32.5	34.4
1683	Participating	30.1	29.3	30.4	30.3	32.0	29.0	29.4	33.7
1684	Participating	29.5	28.7	29.7	29.6	31.3	28.3	28.9	32.4
1685	Participating	35.9	35.1	36.2	36.2	37.6	34.9	35.7	37.7
1686	Participating	31.0	30.2	31.3	31.2	32.8	30.0	30.6	34.2
1687	Participating	34.6	33.8	34.9	34.8	36.3	33.6	34.3	36.5
1688	Participating	33.0	32.2	33.4	33.3	34.8	32.2	32.4	35.5
1689	Participating	34.0	33.2	34.3	34.3	35.8	33.1	34.0	35.8
1690	Participating	30.5	29.7	30.7	30.8	32.2	29.3	30.0	32.4
1691	Participating	28.0	27.1	28.1	28.1	29.8	26.6	27.5	29.8
1692	Participating	34.7	33.9	35.0	35.0	36.4	33.7	34.3	36.7
1693	Participating	35.5	34.7	35.9	35.8	37.3	34.7	35.3	37.5
1694	Participating	32.8	32.0	33.1	33.1	34.6	31.9	32.2	35.3
1695	Participating	34.7	33.9	35.0	35.0	36.4	33.7	34.6	36.4
1696	Participating	31.6	30.8	31.9	31.9	33.3	30.7	31.2	33.3
1697	Participating	32.2	31.4	32.4	32.4	33.9	31.1	32.0	33.9
1698	Participating	32.1	31.3	32.3	32.3	33.8	31.0	31.6	34.1
1699	Participating	29.6	28.8	29.8	29.7	31.4	28.3	29.0	31.7
1700	Participating	30.6	29.8	30.8	30.8	32.4	29.5	29.9	33.9
1701	Participating	30.9	30.1	31.1	31.0	32.7	29.7	30.5	32.7
1702	Participating	32.8	32.0	33.1	33.1	34.6	31.8	32.7	34.6
1703	Participating	34.4	33.6	34.7	34.7	36.1	33.4	34.3	36.1
1704	Participating	27.9	27.1	28.1	28.0	29.7	26.6	27.3	31.5
1705	Participating	34.0	33.2	34.3	34.3	35.7	33.1	33.9	35.7
1706	Non-participating	30.1	29.2	30.3	30.2	31.8	28.9	29.2	39.9
1707	Non-participating	33.1	32.3	33.3	33.3	34.8	32.0	32.9	34.8
1708	Non-participating	30.4	29.6	30.6	30.6	32.2	29.3	30.2	32.3
1709	Non-participating	36.1	35.3	36.4	36.4	37.8	35.3	36.1	37.8
1710	Non-participating	32.0	31.2	32.3	32.2	33.7	30.9	31.9	33.7
1711	Non-participating	30.7	29.9	30.9	30.8	32.5	29.4	30.0	36.6
1712	Non-participating	27.0	26.1	27.1	27.0	28.8	25.7	26.5	28.8
1713	Non-participating	31.7	30.9	31.9	31.8	33.4	30.5	30.9	38.2
1714	Non-participating	33.8	33.0	34.1	34.0	35.6	32.8	33.6	35.6
1715	Non-participating	33.6	32.8	33.9	33.9	35.3	32.7	33.4	35.3
1716	Non-participating	32.3	31.5	32.5	32.5	34.0	31.2	32.1	34.0
1717	Non-participating	31.7	30.9	31.9	31.8	33.4	30.5	31.0	36.4
1718	Non-participating	33.2	32.4	33.4	33.4	35.0	32.1	32.7	35.7
1719	Non-participating	30.8	30.0	31.1	31.1	32.5	29.8	30.3	32.5
1720	Non-participating	29.9	29.1	30.1	30.1	31.7	28.8	29.2	31.7
1721	Non-participating	34.4	33.6	34.6	34.5	36.1	33.2	34.1	36.1
1722	Non-participating	29.5	28.8	29.6	29.8	31.1	28.0	29.2	31.1

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)
1723	Non-participating	32.5	31.7	32.7	32.6	34.2	31.3	32.2	34.2
1724	Non-participating	32.1	31.3	32.4	32.4	33.7	31.1	31.8	33.7
1725	Non-participating	31.5	30.7	31.8	31.7	33.3	30.4	30.7	45.7
1726	Non-participating	28.7	27.8	28.9	28.7	30.5	27.4	28.1	30.5
1727	Non-participating	33.3	32.5	33.5	33.4	35.0	32.1	32.7	35.6
1728	Non-participating	36.1	35.3	36.4	36.4	37.8	35.2	35.7	38.3
1729	Non-participating	34.2	33.4	34.4	34.5	35.9	33.1	34.0	35.9
1730	Non-participating	24.3	23.4	24.5	24.3	26.3	23.0	23.7	27.2
1731	Non-participating	28.1	27.3	28.3	28.3	29.9	26.9	27.8	29.9
1732	Non-participating	30.9	30.1	31.1	31.1	32.7	29.7	30.2	33.9
1733	Non-participating	33.8	33.0	34.1	34.0	35.5	32.8	33.7	35.5
1734	Non-participating	25.7	24.9	25.8	26.7	27.3	24.2	25.0	27.3
1735	Non-participating	34.5	33.7	34.8	34.7	36.3	33.4	34.2	36.4
1736	Non-participating	32.9	32.1	33.2	33.2	34.6	31.8	32.3	37.4
1737	Non-participating	33.2	32.4	33.5	33.5	34.9	32.1	32.6	38.9
1738	Non-participating	31.4	30.6	31.6	31.5	33.1	30.2	30.7	36.2
1739	Non-participating	33.6	32.8	33.9	33.9	35.3	32.6	33.4	35.3
1740	Non-participating	31.1	30.3	31.4	31.4	32.8	30.0	30.7	32.8
1741	Non-participating	31.4	30.6	31.7	31.6	33.2	30.3	30.6	44.3
1742	Non-participating	32.3	31.5	32.5	32.5	34.0	31.2	31.8	34.0
1743	Non-participating	29.6	28.8	29.8	29.7	31.4	28.4	29.1	31.4
1744	Non-participating	33.3	32.5	33.6	33.6	35.1	32.3	33.2	35.1
1745	Non-participating	31.6	30.8	31.8	31.8	33.3	30.4	31.4	33.3
1746	Non-participating	35.4	34.7	35.6	35.5	37.0	34.3	35.0	37.2
1747	Non-participating	30.5	29.7	30.7	30.6	32.3	29.2	30.0	32.3
1748	Non-participating	32.8	32.0	33.0	33.0	34.6	31.7	32.6	34.6
1749	Non-participating	33.3	32.5	33.6	33.5	35.0	32.4	33.1	35.0
1750	Non-participating	30.9	30.1	31.1	31.1	32.6	29.8	30.1	43.1
1751	Non-participating	31.9	31.1	32.1	32.1	33.6	30.8	31.1	44.1
1752	Non-participating	28.4	27.6	28.6	28.7	30.1	27.2	27.9	30.1
1753	Non-participating	32.3	31.5	32.5	32.6	34.0	31.1	31.6	36.8
1754	Non-participating	30.5	29.6	30.6	30.5	32.2	29.2	30.0	32.2
1755	Non-participating	32.8	31.9	33.0	32.9	34.5	31.6	32.4	35.0
1756	Non-participating	30.7	29.9	30.9	30.9	32.5	29.6	29.9	43.1
1757	Non-participating	32.9	32.1	33.1	33.1	34.6	31.8	32.1	45.5
1758	Non-participating	29.5	28.7	29.8	29.7	31.4	28.4	29.0	33.4
1759	Non-participating	32.5	31.7	32.7	32.7	34.2	31.3	31.8	37.3
1760	Non-participating	31.1	30.3	31.3	31.2	32.9	29.9	30.4	36.4
1761	Non-participating	34.9	34.2	35.3	35.2	36.7	34.0	34.6	36.9
1762	Non-participating	30.3	29.5	30.6	30.7	32.1	29.2	29.6	45.8
1763	Non-participating	28.5	27.7	28.7	28.6	30.4	27.3	27.8	33.4
1764	Non-participating	36.8	36.3	36.9	36.9	38.0	36.0	36.5	38.1

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)
1765	Non-participating	31.9	31.1	32.1	32.0	33.6	30.7	31.2	36.4
1766	Non-participating	32.8	32.0	33.1	33.1	34.6	31.9	32.6	34.6
1767	Non-participating	32.9	32.1	33.1	33.1	34.6	31.8	32.6	34.6
1768	Non-participating	28.7	27.9	29.0	29.0	30.5	27.5	28.3	30.5
1769	Non-participating	32.1	31.3	32.3	32.3	33.9	31.0	31.9	33.9
1770	Non-participating	34.6	33.8	34.8	34.8	36.3	33.4	34.3	36.3
1771	Non-participating	30.4	29.6	30.6	30.6	32.2	29.2	30.1	32.2
1772	Non-participating	31.5	30.7	31.7	31.7	33.3	30.4	31.3	33.3
1773	Non-participating	31.7	30.9	31.9	31.9	33.5	30.5	31.0	35.7
1774	Non-participating	32.6	31.8	32.9	32.9	34.4	31.7	32.4	34.4
1775	Non-participating	32.5	31.7	32.8	32.9	34.1	31.4	32.3	34.1
1776	Non-participating	32.4	31.5	32.5	32.5	34.1	31.1	32.1	34.1
1777	Non-participating	31.0	30.1	31.2	31.1	32.7	29.7	30.2	36.4
1778	Non-participating	34.0	33.2	34.3	34.3	35.8	33.1	34.0	35.8
1779	Non-participating	35.4	34.6	35.6	35.6	37.1	34.3	34.9	37.3
1780	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	30.7	44.2
1781	Non-participating	32.5	31.7	32.8	32.8	34.3	31.4	31.9	36.9
1782	Non-participating	33.5	32.7	33.8	33.7	35.3	32.4	33.0	36.0
1783	Non-participating	34.2	33.3	34.4	34.3	35.9	33.1	33.6	36.5
1784	Non-participating	34.8	34.0	35.1	35.1	36.5	33.8	34.5	36.8
1785	Non-participating	31.9	31.1	32.1	32.1	33.6	30.7	31.6	33.6
1786	Non-participating	34.1	33.3	34.3	34.3	35.8	33.1	33.9	35.8
1787	Non-participating	29.8	29.0	30.0	30.0	31.6	28.6	29.0	33.5
1788	Non-participating	32.0	31.2	32.2	32.2	33.7	30.8	31.6	34.3
1789	Non-participating	34.4	33.6	34.6	34.7	36.1	33.2	34.1	36.1
1790	Non-participating	35.5	34.7	35.8	35.7	37.2	34.5	35.0	38.0
1791	Non-participating	32.5	31.6	32.7	32.6	34.2	31.3	32.3	34.2
1792	Non-participating	32.7	31.9	33.0	32.9	34.5	31.7	32.3	36.2
1793	Non-participating	31.1	30.3	31.4	31.3	32.9	30.0	30.3	43.5
1794	Non-participating	30.4	29.6	30.6	30.5	32.2	29.2	30.0	32.2
1795	Non-participating	36.4	35.6	36.7	36.7	38.1	35.5	36.0	38.7
1796	Non-participating	33.2	32.4	33.5	33.4	35.0	32.1	32.6	38.9
1797	Non-participating	31.4	30.5	31.7	31.8	33.2	30.3	30.8	35.3
1798	Non-participating	32.1	31.3	32.4	32.3	33.8	31.0	31.3	45.3
1799	Non-participating	32.1	31.3	32.3	32.3	33.8	31.0	31.8	33.8
1800	Non-participating	30.6	29.8	30.8	30.8	32.4	29.5	30.1	33.9
1801	Non-participating	32.3	31.4	32.5	32.4	34.0	31.1	31.9	34.6
1802	Non-participating	32.0	31.2	32.1	32.1	33.7	30.7	31.7	33.7
1803	Non-participating	28.3	27.5	28.5	28.6	29.9	27.0	28.0	29.9
1804	Non-participating	34.0	33.2	34.3	34.3	35.7	33.1	33.8	35.7
1805	Non-participating	31.0	30.2	31.3	31.3	32.7	29.9	30.8	32.7
1806	Non-participating	34.4	33.6	34.5	34.7	36.0	33.1	34.0	36.0

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)
1807	Non-participating	28.9	28.1	29.1	29.0	30.8	27.7	28.2	33.6
1808	Non-participating	28.6	27.8	28.8	28.7	30.4	27.4	28.1	30.4
1809	Non-participating	31.9	31.1	32.2	32.1	33.7	30.8	31.7	33.7
1810	Non-participating	34.3	33.5	34.5	34.7	35.9	33.1	34.0	36.0
1811	Non-participating	34.9	34.1	35.1	35.0	36.5	33.7	34.4	36.6
1812	Non-participating	33.1	32.3	33.4	33.3	34.9	32.0	32.6	35.7
1813	Non-participating	32.3	31.5	32.5	32.5	34.0	31.2	32.0	34.0
1814	Non-participating	30.2	29.4	30.5	30.5	31.9	29.2	29.8	31.9
1815	Non-participating	33.5	32.7	33.8	33.7	35.2	32.5	33.2	35.2
1816	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	31.3	33.4
1817	Non-participating	31.6	30.8	31.8	31.8	33.3	30.4	30.9	35.9
1818	Non-participating	32.0	31.2	32.2	32.1	33.8	30.8	31.7	33.8
1819	Non-participating	31.2	30.4	31.5	31.4	33.0	30.1	30.4	44.0
1820	Non-participating	31.0	30.1	31.2	31.1	32.7	29.7	30.3	35.9
1821	Non-participating	32.6	31.8	32.8	32.9	34.3	31.5	32.0	36.8
1822	Non-participating	28.0	27.2	28.2	28.1	29.8	26.8	27.5	29.8
1823	Non-participating	34.1	33.3	34.3	34.3	35.8	33.0	33.5	36.6
1824	Non-participating	34.5	33.7	34.7	34.7	36.2	33.4	33.9	37.6
1825	Non-participating	31.1	30.3	31.3	31.3	32.9	29.9	30.4	35.8
1826	Non-participating	31.0	30.2	31.2	31.2	32.7	29.9	30.7	32.7
1827	Non-participating	30.2	29.4	30.4	30.3	31.9	29.0	29.9	32.0
1828	Non-participating	31.5	30.7	31.7	31.7	33.3	30.3	30.8	36.7
1829	Non-participating	33.1	32.3	33.4	33.3	34.9	32.0	32.8	34.9
1830	Non-participating	34.7	33.9	35.0	35.0	36.4	33.7	34.3	36.5
1831	Non-participating	32.8	32.0	33.1	33.0	34.5	31.8	32.5	34.5
1832	Non-participating	34.2	33.4	34.5	34.5	35.9	33.3	34.2	35.9
1833	Non-participating	33.0	32.2	33.3	33.2	34.7	31.9	32.9	34.7
1834	Non-participating	23.9	23.0	24.1	24.0	26.0	22.7	23.3	28.3
1835	Non-participating	31.9	31.1	32.1	32.1	33.6	30.8	31.1	44.7
1836	Non-participating	34.3	33.5	34.5	34.5	36.0	33.2	34.0	36.0
1837	Non-participating	31.4	30.6	31.7	31.7	33.1	30.4	31.1	33.1
1838	Non-participating	26.9	26.1	27.3	27.7	28.9	25.8	26.7	28.9
1839	Non-participating	28.3	27.5	28.5	28.4	30.1	27.0	27.8	30.1
1840	Non-participating	32.5	31.7	32.8	32.8	34.2	31.6	31.9	34.2
1841	Non-participating	36.7	35.9	37.0	36.9	38.4	35.8	36.2	38.5
1842	Non-participating	30.1	29.2	30.3	30.2	31.8	28.9	29.8	31.8
1843	Non-participating	33.3	32.5	33.5	33.4	35.0	32.1	32.7	35.8
1844	Non-participating	29.8	29.0	30.0	30.0	31.6	28.7	29.3	31.6
1845	Non-participating	35.1	34.3	35.4	35.4	36.8	34.2	34.9	36.8
1846	Non-participating	31.3	30.5	31.5	31.5	33.0	30.2	30.5	43.7
1847	Non-participating	29.4	28.6	29.6	29.6	31.2	28.3	28.8	33.4
1848	Non-participating	32.9	32.1	33.2	33.2	34.7	32.0	32.9	34.7

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)
1849	Non-participating	30.4	29.5	30.6	30.5	32.0	29.2	29.9	32.0
1850	Non-participating	33.4	32.6	33.7	33.6	35.1	32.4	33.2	35.1
1851	Non-participating	29.2	28.4	29.5	29.4	31.0	28.1	29.0	31.0
1852	Non-participating	29.7	28.9	29.9	29.8	31.5	28.5	29.5	31.9
1853	Non-participating	36.1	35.3	36.4	36.3	37.8	35.2	35.6	38.1
1854	Non-participating	30.6	29.8	30.8	30.9	32.2	29.4	30.2	32.2
1855	Non-participating	32.6	31.8	32.9	32.9	34.3	31.6	32.4	34.3
1856	Non-participating	30.6	29.8	30.8	30.7	32.4	29.4	29.9	36.1
1857	Non-participating	33.9	33.1	34.2	34.2	35.6	33.0	33.2	46.4
1858	Non-participating	31.6	30.8	31.8	31.8	33.3	30.5	30.8	43.7
1859	Non-participating	31.1	30.3	31.4	31.3	32.9	30.0	30.4	34.1
1860	Non-participating	30.5	29.7	30.8	30.8	32.3	29.5	30.4	32.3
1861	Non-participating	33.1	32.3	33.3	33.3	34.8	32.0	32.8	34.8
1862	Non-participating	34.9	34.1	35.1	35.0	36.6	33.7	34.5	36.7
1863	Non-participating	35.6	34.8	35.9	35.8	37.4	34.6	35.1	37.6
1864	Non-participating	30.0	29.2	30.4	30.4	31.9	29.0	29.9	31.9
1865	Non-participating	30.2	29.4	30.4	30.3	32.0	29.0	30.0	32.0
1866	Non-participating	32.0	31.2	32.2	32.2	33.7	30.8	31.7	33.7
1867	Non-participating	32.1	31.3	32.3	32.3	33.9	31.0	31.9	33.9
1868	Non-participating	31.9	31.1	32.2	32.2	33.6	30.9	31.3	33.6
1869	Non-participating	28.9	28.1	29.1	29.1	30.6	27.8	28.3	30.6
1870	Non-participating	28.3	27.5	28.6	28.6	30.1	27.1	27.7	32.9
1871	Non-participating	35.1	34.3	35.2	35.1	36.6	33.9	34.6	36.8
1872	Non-participating	35.2	34.4	35.5	35.5	36.9	34.3	34.9	37.1
1873	Non-participating	32.4	31.6	32.6	32.6	34.1	31.2	31.8	35.4
1874	Non-participating	30.5	29.7	30.8	31.0	32.0	29.3	30.1	32.0
1875	Non-participating	31.2	30.4	31.5	31.6	32.9	30.2	30.9	32.9
1876	Non-participating	35.7	35.0	36.1	36.1	37.5	34.9	35.8	37.5
1877	Non-participating	30.4	29.6	30.7	30.6	32.1	29.4	29.9	32.1
1878	Non-participating	31.8	30.9	31.9	31.8	33.5	30.5	31.2	33.5
1879	Non-participating	33.3	32.5	33.5	33.5	35.0	32.3	33.0	35.0
1880	Non-participating	35.3	34.5	35.6	35.5	37.0	34.3	34.8	37.9
1881	Non-participating	33.0	32.2	33.2	33.2	34.7	31.9	32.4	38.1
1882	Non-participating	33.8	33.0	34.1	34.1	35.6	32.8	33.8	35.6
1883	Non-participating	31.6	30.7	31.8	31.8	33.3	30.5	30.7	43.7
1884	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	30.7	44.1
1885	Non-participating	31.7	30.9	31.9	31.9	33.4	30.6	30.9	46.3
1886	Non-participating	31.0	30.2	31.2	31.1	32.7	29.7	30.4	32.9
1887	Non-participating	35.9	35.1	36.2	36.2	37.7	35.0	35.4	37.9
1888	Non-participating	33.6	32.8	33.9	33.8	35.4	32.5	33.0	39.3
1889	Non-participating	27.1	26.3	27.3	27.1	28.9	25.8	26.6	28.9
1890	Non-participating	29.2	28.4	29.4	29.4	30.9	28.0	28.9	30.9

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)
1891	Non-participating	26.0	25.1	26.1	26.0	27.9	24.7	25.3	30.9
1892	Non-participating	32.2	31.4	32.4	32.5	33.9	31.0	31.5	36.9
1893	Non-participating	32.6	31.8	32.8	32.8	34.3	31.5	32.3	34.3
1894	Non-participating	30.1	29.3	30.3	30.8	31.7	28.8	29.6	31.7
1895	Non-participating	32.9	32.1	33.1	33.0	34.6	31.8	32.7	34.6
1896	Non-participating	33.3	32.5	33.6	33.5	35.1	32.3	33.2	35.1
1897	Non-participating	31.4	30.6	31.6	31.6	33.1	30.3	30.5	43.5
1898	Non-participating	32.6	31.8	32.8	32.8	34.3	31.5	32.3	34.3
1899	Non-participating	34.8	34.0	35.1	35.1	36.5	33.9	34.8	36.5
1900	Non-participating	31.8	31.0	32.0	32.0	33.6	30.6	31.5	33.6
1901	Non-participating	29.6	28.8	29.8	29.8	31.2	28.5	29.1	31.2
1902	Non-participating	30.2	29.4	30.4	30.3	32.0	28.9	29.7	32.2
1903	Non-participating	31.1	30.3	31.3	31.2	32.9	29.9	30.4	36.3
1904	Non-participating	29.5	28.7	29.8	29.7	31.3	28.4	29.2	31.3
1905	Non-participating	31.5	30.6	31.7	31.6	33.2	30.3	31.2	33.2
1906	Non-participating	35.7	35.0	36.1	36.1	37.5	34.9	35.8	37.5
1907	Non-participating	32.1	31.3	32.3	32.3	33.8	31.0	31.9	33.8
1908	Non-participating	28.0	27.2	28.2	28.2	29.7	26.8	27.7	29.7
1909	Non-participating	34.2	33.4	34.6	34.5	36.0	33.4	33.7	36.0
1910	Non-participating	28.9	28.1	29.1	29.0	30.8	27.7	28.2	33.6
1911	Non-participating	31.1	30.2	31.2	31.2	32.8	29.8	30.3	36.8
1912	Non-participating	32.9	32.1	33.1	33.1	34.6	31.8	32.3	36.9
1913	Non-participating	32.2	31.4	32.5	32.4	34.0	31.1	31.6	35.3
1914	Non-participating	33.6	32.7	33.8	33.7	35.3	32.4	33.2	35.6
1915	Non-participating	34.2	33.4	34.5	34.5	35.9	33.2	33.9	36.3
1916	Non-participating	33.9	33.1	34.1	34.1	35.6	32.8	33.3	36.2
1917	Non-participating	33.2	32.5	33.5	33.5	34.9	32.3	32.9	34.9
1918	Non-participating	33.1	32.3	33.3	33.3	34.8	32.0	32.9	34.8
1919	Non-participating	33.1	32.3	33.4	33.3	34.9	32.1	33.0	35.2
1920	Non-participating	34.4	33.6	34.6	34.8	36.0	33.2	34.1	36.0
1921	Non-participating	32.1	31.3	32.3	32.3	33.9	31.0	31.9	33.9
1922	Non-participating	30.6	29.8	30.8	30.6	32.4	29.3	30.1	32.4
1923	Non-participating	31.1	30.3	31.3	31.2	32.9	29.9	30.7	33.5
1924	Non-participating	32.0	31.2	32.2	32.2	33.8	30.8	31.4	36.4
1925	Non-participating	31.6	30.8	31.8	31.7	33.3	30.3	30.9	36.6
1926	Non-participating	33.3	32.5	33.6	33.7	35.0	32.4	33.3	35.0
1927	Non-participating	32.8	32.0	33.0	33.0	34.5	31.6	32.4	35.0
1928	Non-participating	30.9	30.1	31.1	31.2	32.6	29.8	30.6	32.6
1929	Non-participating	31.1	30.3	31.3	31.4	32.8	30.0	30.8	32.8
1930	Non-participating	33.4	32.6	33.6	33.5	35.1	32.3	33.2	35.1
1931	Non-participating	30.9	30.1	31.1	31.1	32.5	29.8	30.7	32.5
1932	Non-participating	27.2	26.4	27.4	27.3	28.9	25.9	26.8	28.9

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)
1933	Non-participating	31.7	30.9	31.9	31.9	33.4	30.6	31.5	33.7
1934	Non-participating	31.0	30.2	31.2	31.1	32.7	29.7	30.3	36.2
1935	Non-participating	30.9	30.1	31.1	31.0	32.7	29.6	30.2	36.7
1936	Non-participating	33.0	32.2	33.2	33.2	34.7	31.8	32.7	35.1
1937	Non-participating	31.0	30.2	31.2	31.2	32.7	29.9	30.1	43.2
1938	Non-participating	31.0	30.2	31.3	31.3	32.7	30.0	30.3	45.3
1939	Non-participating	30.9	30.1	31.1	31.0	32.7	29.7	30.5	32.7
1940	Non-participating	34.5	33.7	34.7	34.6	36.2	33.3	34.2	36.2
1941	Non-participating	31.3	30.5	31.5	31.5	33.1	30.2	31.0	33.1
1942	Non-participating	32.1	31.3	32.3	32.3	33.8	31.0	31.3	45.6
1943	Non-participating	35.2	34.4	35.4	35.4	36.9	34.1	34.7	37.1
1944	Non-participating	32.8	32.0	33.0	33.0	34.5	31.7	32.2	37.6
1945	Non-participating	31.7	30.9	31.9	31.9	33.5	30.5	31.0	36.2
1946	Non-participating	32.7	31.9	33.0	33.0	34.5	31.8	32.5	34.5
1947	Non-participating	26.9	26.1	27.0	27.2	28.5	25.5	26.3	28.5
1948	Non-participating	30.9	30.1	31.1	31.1	32.6	29.8	30.0	43.4
1949	Non-participating	31.0	30.2	31.2	31.1	32.8	29.8	30.7	33.3
1950	Non-participating	25.9	25.0	26.1	25.9	27.8	24.6	25.3	29.9
1951	Non-participating	31.2	30.4	31.4	31.4	33.0	30.0	30.5	37.8
1952	Non-participating	34.6	33.8	34.8	34.8	36.3	33.5	34.1	37.5
1953	Non-participating	36.1	35.3	36.5	36.4	37.9	35.3	35.7	38.3
1954	Non-participating	32.2	31.3	32.4	32.3	33.9	30.9	31.8	33.9
1955	Non-participating	26.6	25.8	26.8	26.7	28.3	25.3	26.2	28.3
1956	Non-participating	27.5	26.6	27.7	27.7	29.3	26.3	26.8	32.2
1957	Non-participating	30.5	29.7	30.8	30.8	32.2	29.4	30.2	32.2
1958	Non-participating	30.2	29.4	30.5	30.5	31.9	29.1	29.4	45.7
1959	Non-participating	29.3	28.4	29.5	29.5	31.1	28.2	28.7	33.3
1960	Non-participating	35.1	34.4	35.3	35.2	36.7	34.0	34.7	36.8
1961	Non-participating	26.2	25.3	26.3	26.2	28.0	24.9	25.5	32.2
1962	Non-participating	28.1	27.3	28.4	28.4	29.9	26.9	27.6	29.9
1963	Non-participating	30.2	29.4	30.4	30.4	32.0	29.1	29.9	32.0
1964	Non-participating	31.8	31.0	32.0	32.0	33.5	30.7	31.0	46.2
1965	Non-participating	34.9	34.1	35.1	35.1	36.6	33.7	34.4	36.8
1966	Non-participating	34.3	33.5	34.5	34.6	36.0	33.2	33.8	36.2
1967	Non-participating	34.2	33.5	34.5	34.5	36.0	33.2	33.7	36.0
1968	Non-participating	33.9	33.1	34.2	34.2	35.6	32.8	33.3	37.3
1969	Non-participating	32.9	32.1	33.1	33.1	34.7	31.8	32.3	35.9
1970	Non-participating	33.9	33.1	34.2	34.1	35.6	32.9	33.3	36.0
1971	Non-participating	34.1	33.3	34.4	34.4	35.8	33.2	33.9	35.8
1972	Non-participating	31.3	30.5	31.5	31.5	33.0	30.2	30.5	43.4
1973	Non-participating	31.2	30.4	31.4	31.3	32.9	30.0	30.7	33.5
1974	Non-participating	29.2	28.4	29.4	29.3	31.0	28.0	28.5	33.4

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)
1975	Non-participating	28.4	27.6	28.6	28.5	30.2	27.1	28.0	30.2
1976	Non-participating	30.7	29.9	30.9	30.9	32.5	29.6	30.2	34.0
1977	Non-participating	29.7	28.9	29.8	29.8	31.3	28.3	29.3	31.3
1978	Non-participating	31.4	30.6	31.6	31.6	33.2	30.3	30.8	35.7
1979	Non-participating	36.0	35.2	36.3	36.3	37.7	35.1	35.6	38.4
1980	Non-participating	34.8	34.0	35.1	35.1	36.5	33.9	34.7	36.5
1981	Non-participating	32.3	31.5	32.5	32.5	34.0	31.2	32.0	34.0
1982	Non-participating	31.5	30.7	31.7	31.7	33.3	30.4	31.0	33.3
1983	Non-participating	29.9	29.1	30.1	30.0	31.7	28.7	29.7	31.7
1984	Non-participating	28.9	28.1	29.1	29.0	30.8	27.7	28.2	33.6
1985	Non-participating	34.7	33.9	34.9	35.0	36.3	33.6	34.4	36.4
1986	Non-participating	30.6	29.8	30.8	30.7	32.3	29.5	30.2	32.3
1987	Non-participating	33.3	32.5	33.6	33.5	35.1	32.2	32.7	37.0
1988	Non-participating	31.5	30.7	31.7	31.7	33.3	30.3	30.8	36.4
1989	Non-participating	31.5	30.7	31.9	31.8	33.3	30.6	31.3	33.3
1990	Non-participating	28.6	27.7	28.8	28.8	30.5	27.4	28.0	33.1
1991	Non-participating	31.6	30.8	31.8	31.8	33.4	30.4	30.9	36.2
1992	Non-participating	31.9	31.1	32.2	32.1	33.6	30.9	31.6	33.6
1993	Non-participating	34.2	33.4	34.5	34.5	35.9	33.3	34.0	35.9
1994	Non-participating	30.7	29.9	30.9	30.9	32.5	29.5	30.5	32.5
1995	Non-participating	31.5	30.7	31.8	31.7	33.3	30.4	30.7	43.8
1996	Non-participating	32.6	31.8	32.8	32.8	34.3	31.5	32.3	34.3
1997	Non-participating	34.0	33.2	34.4	34.3	35.8	33.2	34.0	35.8
1998	Non-participating	33.9	33.1	34.2	34.1	35.6	32.8	33.3	38.3
1999	Non-participating	31.1	30.3	31.4	31.3	32.9	30.0	31.0	33.2
2000	Non-participating	30.3	29.5	30.6	30.5	32.2	29.3	29.8	33.8
2001	Non-participating	31.4	30.6	31.6	31.6	33.2	30.2	30.8	35.6
2002	Non-participating	30.9	30.1	31.2	31.2	32.6	29.8	30.6	32.6
2003	Non-participating	32.8	32.0	33.0	33.0	34.5	31.7	32.5	34.5
2004	Non-participating	31.9	31.1	32.1	32.2	33.6	30.8	31.8	33.6
2005	Non-participating	34.4	33.6	34.7	34.7	36.1	33.4	34.0	36.4
2006	Non-participating	31.5	30.7	31.7	31.6	33.2	30.3	31.2	33.2
2007	Non-participating	31.9	31.1	32.2	32.1	33.6	30.8	31.1	44.5
2008	Non-participating	30.3	29.5	30.5	30.5	32.0	29.1	29.5	45.6
2009	Non-participating	34.7	33.9	34.9	34.8	36.4	33.5	34.2	36.5
2010	Non-participating	30.7	29.9	30.9	30.9	32.5	29.5	30.2	33.6
2011	Non-participating	32.3	31.4	32.4	32.6	34.0	31.1	31.7	34.9
2012	Non-participating	30.4	29.6	30.6	31.2	32.1	29.1	30.0	32.1
2013	Non-participating	34.9	34.1	35.1	35.0	36.5	33.7	34.5	36.7
2014	Non-participating	35.2	34.4	35.5	35.4	36.9	34.3	34.9	37.1
2015	Non-participating	29.5	28.7	29.8	29.7	31.2	28.4	29.2	31.2
2016	Non-participating	34.9	34.1	35.2	35.2	36.6	34.0	34.8	36.6

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)
2017	Non-participating	31.7	30.9	31.9	31.9	33.4	30.6	31.5	33.4
2018	Non-participating	32.7	31.9	32.9	32.9	34.4	31.6	32.5	34.4
2019	Non-participating	31.5	30.7	31.8	31.7	33.3	30.4	30.7	43.6
2020	Non-participating	31.9	31.1	32.2	32.1	33.6	30.8	31.1	44.8
2021	Non-participating	25.3	24.4	25.5	25.3	27.2	24.0	24.6	28.8
2022	Non-participating	34.3	33.5	34.5	34.5	36.0	33.1	34.0	36.0
2023	Non-participating	33.4	32.6	33.6	33.6	35.1	32.3	32.7	38.6
2024	Non-participating	31.2	30.4	31.5	31.4	32.9	30.1	30.8	32.9
2025	Non-participating	33.6	32.8	33.8	33.8	35.3	32.5	33.2	35.6
2026	Non-participating	31.1	30.3	31.4	31.3	32.9	30.0	30.9	32.9
2027	Non-participating	26.5	25.6	26.6	26.5	28.4	25.2	25.9	28.9
2028	Non-participating	32.6	31.8	32.8	32.7	34.4	31.4	32.0	35.1
2029	Non-participating	32.4	31.6	32.6	32.5	34.1	31.2	31.7	35.5
2030	Non-participating	32.9	32.1	33.2	33.1	34.7	31.8	32.4	35.7
2031	Non-participating	27.7	26.8	27.8	27.7	29.5	26.4	27.3	29.5
2032	Non-participating	34.8	34.0	35.0	35.0	36.5	33.6	34.4	36.6
2033	Non-participating	34.9	34.1	35.0	35.1	36.5	33.7	34.3	36.7
2034	Non-participating	34.7	33.9	34.9	34.9	36.4	33.6	34.5	36.4
2035	Non-participating	30.6	29.8	30.8	30.8	32.2	29.3	30.3	32.2
2036	Non-participating	29.8	29.0	30.0	30.0	31.5	28.7	29.2	31.5
2037	Non-participating	31.5	30.7	31.7	31.7	33.2	30.3	30.6	44.1
2038	Non-participating	25.6	24.7	25.7	25.6	27.5	24.3	24.9	29.0
2039	Non-participating	33.5	32.7	33.8	33.8	35.3	32.5	32.9	35.7
2040	Non-participating	32.8	32.0	33.1	33.0	34.5	31.8	32.5	34.5
2041	Non-participating	35.7	34.9	36.0	35.9	37.4	34.7	35.6	37.6
2042	Non-participating	26.7	25.8	26.9	26.7	28.6	25.4	26.1	29.0
2043	Non-participating	31.8	31.0	32.0	32.2	33.4	30.6	31.4	33.4
2044	Non-participating	31.6	30.8	31.8	31.7	33.4	30.4	30.9	35.5
2045	Non-participating	31.0	30.1	31.1	31.1	32.7	29.7	30.2	36.6
2046	Non-participating	30.6	29.8	30.7	30.9	32.1	29.2	30.1	32.1
2047	Non-participating	33.1	32.3	33.3	33.3	34.8	32.0	32.9	34.8
2048	Non-participating	32.1	31.3	32.4	32.3	33.8	31.1	31.3	44.9
2049	Non-participating	36.0	35.2	36.3	36.3	37.8	35.1	35.5	38.0
2050	Non-participating	26.4	25.5	26.6	26.5	28.3	25.1	25.9	28.4
2051	Non-participating	30.6	29.8	30.8	30.9	32.3	29.4	30.2	32.3
2052	Non-participating	30.8	30.0	31.1	31.0	32.5	29.7	30.1	32.5
2053	Non-participating	37.1	36.3	37.4	37.4	38.8	36.3	36.7	39.3
2054	Non-participating	32.6	31.8	32.8	32.7	34.3	31.4	32.3	34.3
2055	Non-participating	32.5	31.7	32.8	32.8	34.2	31.5	32.3	34.2
2056	Non-participating	30.0	29.2	30.2	30.2	31.8	28.8	29.7	31.8
2057	Non-participating	29.8	29.0	30.0	29.9	31.6	28.6	29.1	33.5
2058	Non-participating	32.3	31.5	32.5	33.0	33.9	31.3	31.9	33.9

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)
2059	Non-participating	26.2	25.4	26.4	26.7	27.9	24.9	25.6	27.9
2060	Non-participating	33.8	33.0	34.1	34.0	35.5	32.7	33.2	39.4
2061	Non-participating	25.0	24.1	25.2	25.0	27.0	23.8	24.4	28.7
2062	Non-participating	31.8	31.0	32.1	32.0	33.5	30.7	31.0	46.0
2063	Non-participating	29.6	28.7	29.8	29.6	31.3	28.4	29.0	31.3
2064	Non-participating	32.2	31.4	32.4	32.4	33.9	31.1	31.4	43.1
2065	Non-participating	33.3	32.5	33.5	33.4	35.1	32.1	32.9	35.4
2066	Non-participating	33.5	32.7	33.8	33.7	35.2	32.4	33.0	35.6
2067	Non-participating	33.6	32.8	33.9	33.9	35.4	32.7	32.9	46.1
2068	Non-participating	33.7	32.9	34.0	33.9	35.5	32.6	33.5	35.5
2069	Non-participating	34.1	33.3	34.4	34.4	35.8	33.2	33.9	35.8
2070	Non-participating	28.8	28.0	29.0	28.9	30.5	27.6	28.5	30.5
2071	Non-participating	32.1	31.3	32.3	32.3	33.8	31.0	31.3	45.4
2072	Non-participating	32.4	31.6	32.7	32.6	34.2	31.3	32.2	34.6
2073	Non-participating	25.4	24.5	25.6	25.4	27.4	24.2	24.8	28.9
2074	Non-participating	33.4	32.6	33.7	33.7	35.2	32.4	33.3	35.2
2075	Non-participating	33.4	32.6	33.7	33.7	35.1	32.3	33.1	35.1
2076	Non-participating	30.0	29.2	30.2	30.1	31.8	28.7	29.4	32.0
2077	Non-participating	33.2	32.4	33.5	33.4	35.0	32.1	32.6	38.6
2078	Non-participating	31.2	30.3	31.3	31.3	32.9	29.9	30.4	36.3
2079	Non-participating	31.1	30.3	31.3	31.3	32.9	29.9	30.4	35.8
2080	Non-participating	31.8	31.0	32.1	32.0	33.5	30.7	31.6	33.5
2081	Non-participating	30.3	29.5	30.4	30.5	31.8	28.9	29.8	31.8
2082	Non-participating	29.9	29.0	30.0	29.9	31.6	28.6	29.6	31.6
2083	Non-participating	30.0	29.2	30.3	30.2	31.8	28.9	29.5	33.7
2084	Non-participating	31.0	30.1	31.2	31.1	32.7	29.7	30.2	36.1
2085	Non-participating	30.7	29.8	30.8	30.7	32.4	29.4	30.1	32.4
2086	Non-participating	33.8	33.0	34.1	34.1	35.5	32.8	33.7	35.5
2087	Non-participating	31.6	30.8	31.8	31.8	33.3	30.5	30.8	43.9
2088	Non-participating	25.9	25.0	26.1	25.9	27.8	24.6	25.2	30.9
2089	Non-participating	31.2	30.4	31.4	31.3	33.0	30.0	30.5	36.1
2090	Non-participating	36.4	35.6	36.6	36.6	38.0	35.3	36.1	38.1
2091	Non-participating	33.5	32.7	33.8	33.8	35.2	32.4	32.9	36.6
2092	Non-participating	33.2	32.4	33.5	33.4	34.9	32.2	32.9	34.9
2093	Non-participating	34.8	34.0	35.1	35.1	36.5	33.9	34.8	36.5
2094	Non-participating	30.3	29.5	30.5	30.5	32.0	29.2	29.8	32.0
2095	Non-participating	27.8	27.0	28.0	27.9	29.7	26.6	27.1	33.8
2096	Non-participating	30.9	30.0	31.0	31.0	32.6	29.6	30.1	36.6
2097	Non-participating	33.3	32.5	33.5	33.5	35.1	32.2	32.7	35.9
2098	Non-participating	34.1	33.3	34.3	34.3	35.8	33.0	33.8	35.8
2099	Non-participating	32.5	31.7	32.7	32.7	34.1	31.3	32.2	34.1
2100	Non-participating	31.7	30.9	32.0	32.2	33.4	30.6	31.5	33.4

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)
2101	Non-participating	31.6	30.8	31.8	31.8	33.4	30.4	30.9	36.6
2102	Non-participating	32.6	31.8	32.8	32.8	34.3	31.5	32.4	34.3
2103	Non-participating	35.4	34.6	35.7	35.6	37.1	34.4	34.9	37.9
2104	Non-participating	35.9	35.2	36.2	36.1	37.6	34.9	35.5	37.7
2105	Non-participating	31.0	30.2	31.3	31.2	32.8	29.9	30.8	33.3
2106	Non-participating	25.9	25.1	26.1	25.9	27.8	24.6	25.3	29.9
2107	Non-participating	36.0	35.3	36.4	36.3	37.8	35.2	35.6	38.2
2108	Non-participating	33.3	32.5	33.5	33.4	35.0	32.1	33.0	35.3
2109	Non-participating	33.2	32.4	33.5	33.5	34.9	32.1	32.5	41.5
2110	Non-participating	31.4	30.6	31.6	31.6	33.1	30.2	30.7	38.3
2111	Non-participating	31.8	30.9	32.0	31.9	33.5	30.5	31.1	35.9
2112	Non-participating	31.0	30.2	31.3	31.2	32.7	29.9	30.6	32.7
2113	Non-participating	31.5	30.7	31.8	31.7	33.2	30.4	30.7	43.9
2114	Non-participating	26.9	26.1	27.0	27.2	28.6	25.5	26.3	28.6
2115	Non-participating	31.1	30.3	31.3	31.3	32.8	30.0	30.2	43.8
2116	Non-participating	32.5	31.7	32.7	32.6	34.2	31.3	32.3	34.2
2117	Non-participating	32.2	31.4	32.5	32.4	34.0	31.2	31.4	46.1
2118	Non-participating	35.0	34.3	35.2	35.1	36.6	33.9	34.6	36.7
2119	Non-participating	30.9	30.1	31.1	31.1	32.6	29.8	30.7	32.6
2120	Non-participating	29.5	28.6	29.7	29.6	31.2	28.2	29.1	31.2
2121	Non-participating	32.1	31.3	32.3	32.3	33.8	31.0	31.6	34.1
2122	Non-participating	35.1	34.3	35.2	35.2	36.7	33.9	34.6	36.8
2123	Non-participating	34.1	33.3	34.3	34.3	35.8	33.1	33.9	35.8
2124	Non-participating	26.1	25.3	26.3	26.2	28.0	24.9	25.4	32.2
2125	Non-participating	31.4	30.6	31.6	31.6	33.2	30.3	30.8	35.7
2126	Non-participating	33.1	32.3	33.4	33.3	34.9	32.0	32.8	34.9
2127	Non-participating	30.4	29.6	30.7	30.8	32.2	29.4	30.2	32.2
2128	Non-participating	26.1	25.3	26.2	26.2	27.8	24.5	25.6	27.8
2129	Non-participating	35.0	34.2	35.3	35.2	36.7	33.9	34.5	36.9
2130	Non-participating	34.7	33.9	34.9	34.8	36.4	33.4	34.2	36.5
2131	Non-participating	31.3	30.4	31.5	31.4	33.0	30.0	30.5	36.6
2132	Non-participating	33.0	32.2	33.2	33.1	34.7	31.8	32.4	35.9
2133	Non-participating	29.6	28.8	29.8	29.7	31.5	28.4	29.3	31.5
2134	Non-participating	28.0	27.1	28.1	28.1	29.7	26.7	27.5	29.7
2135	Non-participating	31.9	31.1	32.1	32.0	33.6	30.6	31.3	33.6
2136	Non-participating	31.5	30.7	31.8	31.7	33.3	30.5	30.7	43.7
2137	Non-participating	31.2	30.4	31.5	31.4	33.0	30.2	30.5	34.2
2138	Non-participating	34.7	33.9	34.8	34.8	36.3	33.5	34.1	36.5
2139	Non-participating	30.7	29.9	30.9	30.8	32.5	29.5	30.0	36.3
2140	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	31.1	33.2
2141	Non-participating	27.2	26.4	27.4	27.2	29.0	25.9	26.7	29.0
2142	Non-participating	31.5	30.7	31.7	31.8	33.2	30.3	30.8	35.9

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)
2143	Non-participating	31.2	30.4	31.4	31.4	32.9	30.1	30.9	32.9
2144	Non-participating	31.5	30.7	31.8	31.7	33.2	30.4	31.2	33.2
2145	Non-participating	28.1	27.2	28.2	28.1	29.9	26.8	27.5	29.9
2146	Non-participating	32.3	31.5	32.6	32.5	34.0	31.2	31.9	34.0
2147	Non-participating	35.5	34.7	35.8	35.8	37.2	34.6	35.3	37.2
2148	Non-participating	33.1	32.3	33.4	33.3	34.9	32.1	32.6	36.5
2149	Non-participating	31.7	30.9	32.0	31.9	33.5	30.6	31.5	33.5
2150	Non-participating	34.0	33.2	34.2	34.2	35.7	32.9	33.4	38.4
2151	Non-participating	31.6	30.7	31.8	31.7	33.3	30.3	30.8	36.5
2152	Non-participating	31.7	30.9	32.0	32.0	33.4	30.7	31.4	33.4
2153	Non-participating	24.1	23.2	24.3	24.2	26.1	22.9	23.5	28.3
2154	Non-participating	29.3	28.5	29.5	29.4	31.0	28.1	28.9	31.0
2155	Non-participating	28.3	27.4	28.4	28.3	30.1	27.0	27.7	30.1
2156	Non-participating	31.5	30.7	31.8	31.7	33.3	30.4	30.7	43.7
2157	Non-participating	33.9	33.1	34.2	34.2	35.6	32.8	33.3	37.3
2158	Non-participating	34.3	33.5	34.5	34.5	36.0	33.2	34.1	36.0
2159	Non-participating	33.4	32.6	33.7	33.7	35.1	32.5	33.2	35.1
2160	Non-participating	33.8	33.0	34.1	34.2	35.5	32.9	33.6	35.5
2161	Non-participating	31.4	30.6	31.7	31.6	33.2	30.3	31.2	33.2
2162	Non-participating	35.0	34.2	35.3	35.3	36.7	34.1	35.0	36.7
2163	Non-participating	32.4	31.5	32.6	32.5	34.1	31.3	32.1	34.1
2164	Non-participating	30.9	30.1	31.2	31.1	32.7	29.8	30.1	43.3
2165	Non-participating	32.5	31.7	32.8	32.7	34.2	31.5	31.7	45.0
2166	Non-participating	29.4	28.6	29.7	29.6	31.3	28.3	28.9	33.4
2167	Non-participating	34.9	34.1	35.0	35.0	36.5	33.7	34.5	36.7
2168	Non-participating	33.2	32.4	33.5	33.4	35.0	32.2	33.1	35.3
2169	Non-participating	31.5	30.7	31.7	31.7	33.3	30.3	30.8	36.1
2170	Non-participating	33.0	32.2	33.3	33.3	34.7	32.0	32.9	34.7
2171	Non-participating	36.1	35.3	36.5	36.4	37.9	35.2	35.7	38.5
2172	Non-participating	36.1	35.4	36.5	36.4	37.9	35.3	35.7	38.5
2173	Non-participating	31.6	30.8	31.8	31.8	33.4	30.5	31.3	33.4
2174	Non-participating	31.3	30.5	31.5	31.5	33.0	30.2	30.5	43.4
2175	Non-participating	35.3	34.5	35.7	35.7	37.1	34.6	35.3	37.1
2176	Non-participating	31.2	30.4	31.4	31.4	32.8	30.2	30.6	32.8
2177	Non-participating	30.2	29.4	30.3	30.5	31.8	28.6	29.7	31.8
2178	Non-participating	31.1	30.3	31.3	31.2	32.8	29.9	30.6	33.6
2179	Non-participating	32.8	32.0	33.0	33.0	34.5	31.6	32.1	38.3
2180	Non-participating	33.2	32.4	33.4	33.3	34.9	32.0	32.6	35.8
2181	Non-participating	31.9	31.1	32.1	32.0	33.6	30.7	31.7	33.6
2182	Non-participating	32.7	31.9	33.0	32.9	34.5	31.6	32.1	35.2
2183	Non-participating	32.8	32.0	33.0	33.0	34.5	31.7	32.6	34.5
2184	Non-participating	29.4	28.6	29.6	29.6	31.1	28.3	28.8	31.1

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)
2185	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	30.7	44.0
2186	Non-participating	33.0	32.2	33.3	33.2	34.8	32.0	32.9	34.8
2187	Non-participating	32.0	31.2	32.2	32.2	33.8	30.8	31.3	36.4
2188	Non-participating	31.6	30.9	32.0	32.3	33.4	30.6	31.4	33.4
2189	Non-participating	30.1	29.3	30.3	30.3	31.8	29.0	29.5	31.8
2190	Non-participating	33.8	33.0	34.0	34.0	35.5	32.7	33.6	35.5
2191	Non-participating	32.4	31.6	32.6	32.6	34.2	31.2	31.8	35.4
2192	Non-participating	25.3	24.4	25.5	25.4	27.3	24.1	24.7	28.8
2193	Non-participating	32.7	31.9	32.9	32.9	34.4	31.6	32.6	34.4
2194	Non-participating	34.3	33.5	34.6	34.6	36.0	33.3	34.1	36.0
2195	Non-participating	31.4	30.6	31.7	31.6	33.1	30.3	30.6	45.1
2196	Non-participating	33.5	32.7	33.8	33.7	35.2	32.4	33.3	35.2
2197	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	31.2	33.2
2198	Non-participating	28.9	28.1	29.0	28.9	30.7	27.6	28.5	30.7
2199	Non-participating	29.3	28.5	29.5	29.5	31.0	28.2	28.7	31.0
2200	Non-participating	34.8	34.0	35.1	35.1	36.5	33.9	34.8	36.5
2201	Non-participating	31.6	30.8	31.8	31.8	33.3	30.5	30.8	43.7
2202	Non-participating	28.4	27.6	28.6	28.6	30.1	27.1	27.7	32.8
2203	Non-participating	33.2	32.4	33.4	33.4	35.0	32.1	32.7	35.6
2204	Non-participating	29.6	28.8	29.8	29.7	31.4	28.3	29.1	31.4
2205	Non-participating	30.2	29.4	30.4	30.3	32.0	29.0	30.0	32.1
2206	Non-participating	30.3	29.4	30.4	30.3	32.0	29.0	29.9	32.0
2207	Non-participating	31.9	31.2	32.3	32.3	33.6	31.0	31.7	33.6
2208	Non-participating	35.4	34.6	35.7	35.6	37.2	34.4	34.9	37.4
2209	Non-participating	32.5	31.7	32.7	32.7	34.2	31.4	32.3	34.2
2210	Non-participating	30.5	29.7	30.7	30.7	32.3	29.4	30.3	32.8
2211	Non-participating	31.6	30.8	31.9	31.9	33.4	30.6	31.4	33.4
2212	Non-participating	32.2	31.4	32.4	32.3	34.0	31.0	32.0	34.0
2213	Non-participating	36.2	35.4	36.6	36.5	38.0	35.4	35.8	38.4
2214	Non-participating	32.3	31.5	32.5	32.5	34.0	31.1	31.6	38.0
2215	Non-participating	32.1	31.3	32.3	32.3	33.9	30.9	31.4	36.3
2216	Non-participating	32.8	32.0	33.0	33.0	34.6	31.6	32.2	35.2
2217	Non-participating	31.8	31.0	32.0	32.0	33.5	30.8	31.6	33.5
2218	Non-participating	31.1	30.3	31.3	31.3	32.8	30.0	30.3	43.5
2219	Non-participating	34.0	33.2	34.3	34.3	35.7	33.0	33.6	36.1
2220	Non-participating	36.0	35.2	36.1	36.1	37.5	34.9	35.5	37.6
2221	Non-participating	31.4	30.6	31.6	31.6	33.2	30.2	30.7	36.2
2222	Non-participating	29.7	28.9	30.0	29.9	31.5	28.6	29.5	31.5
2223	Non-participating	31.6	30.8	31.9	31.9	33.4	30.5	31.2	34.3
2224	Non-participating	28.6	27.8	28.8	28.7	30.4	27.4	27.9	33.6
2225	Non-participating	34.4	33.6	34.6	34.5	36.1	33.2	34.1	36.1
2226	Non-participating	29.6	28.8	29.9	29.8	31.4	28.5	29.2	31.4

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)
2227	Non-participating	31.0	30.2	31.2	31.2	32.7	29.9	30.2	43.8
2228	Non-participating	34.0	33.2	34.3	34.3	35.7	33.0	33.9	35.7
2229	Non-participating	33.5	32.7	33.8	33.8	35.2	32.6	32.9	35.2
2230	Non-participating	34.2	33.4	34.5	34.5	35.9	33.3	34.0	35.9
2231	Non-participating	28.9	28.1	29.1	29.1	30.7	27.7	28.4	30.7
2232	Non-participating	32.1	31.3	32.4	32.4	33.9	31.0	32.0	33.9
2233	Non-participating	28.0	27.2	28.1	28.0	29.7	26.6	27.5	29.7
2234	Non-participating	32.9	32.1	33.1	33.2	34.6	31.8	32.3	37.3
2235	Non-participating	33.2	32.4	33.4	33.6	34.8	32.1	32.9	34.8
2236	Non-participating	33.4	32.6	33.6	33.6	35.1	32.3	33.1	35.1
2237	Non-participating	33.8	33.0	34.0	34.0	35.5	32.8	33.5	35.5
2238	Non-participating	27.7	26.8	28.0	28.1	29.5	26.5	27.4	29.5
2239	Non-participating	33.0	32.1	33.2	33.1	34.7	31.8	32.3	35.7
2240	Non-participating	31.0	30.1	31.2	31.1	32.7	29.7	30.7	32.7
2241	Non-participating	34.3	33.5	34.6	34.5	36.0	33.3	34.2	36.0
2242	Non-participating	32.8	32.0	33.0	32.9	34.5	31.6	32.5	34.5
2243	Non-participating	32.7	31.9	33.0	32.9	34.4	31.7	32.0	45.3
2244	Non-participating	31.2	30.4	31.5	31.4	33.0	30.1	30.4	43.4
2245	Non-participating	31.0	30.2	31.2	31.2	32.8	29.8	30.6	32.8
2246	Non-participating	29.1	28.3	29.3	29.2	30.9	27.9	28.5	30.9
2247	Non-participating	25.3	24.5	25.6	25.8	27.1	24.0	24.6	29.4
2248	Non-participating	25.4	24.6	25.6	25.8	27.3	24.0	24.7	31.8
2249	Non-participating	31.8	31.0	32.0	31.9	33.5	30.6	31.1	36.4
2250	Non-participating	32.9	32.1	33.1	33.0	34.7	31.7	32.6	35.1
2251	Non-participating	31.7	30.9	31.9	31.9	33.5	30.5	31.1	35.8
2252	Non-participating	35.9	35.1	36.2	36.1	37.6	34.9	35.4	38.3
2253	Non-participating	31.2	30.4	31.4	31.3	32.9	29.9	30.5	36.4
2254	Non-participating	28.7	27.9	28.9	28.9	30.3	27.5	28.2	30.3
2255	Non-participating	32.5	31.7	32.7	32.7	34.2	31.3	31.8	37.3
2256	Non-participating	32.3	31.5	32.5	32.5	34.0	31.2	32.0	34.0
2257	Non-participating	28.4	27.6	28.6	28.7	30.1	27.2	27.8	30.1
2258	Non-participating	31.4	30.6	31.7	31.6	33.1	30.3	30.6	44.3
2259	Non-participating	28.4	27.6	28.6	28.5	30.3	27.2	27.7	33.4
2260	Non-participating	33.2	32.4	33.4	33.4	34.9	32.1	33.0	35.3
2261	Non-participating	34.5	33.7	34.8	34.8	36.3	33.5	34.4	36.3
2262	Non-participating	35.2	34.4	35.4	35.4	36.9	34.1	34.7	37.1
2263	Non-participating	34.6	33.8	34.9	34.9	36.3	33.6	34.2	36.6
2264	Non-participating	32.9	32.1	33.2	33.1	34.7	31.9	32.8	34.7
2265	Non-participating	32.5	31.7	32.8	32.7	34.3	31.4	32.3	34.7
2266	Non-participating	31.5	30.6	31.7	31.6	33.2	30.2	30.8	36.1
2267	Non-participating	33.3	32.4	33.5	33.4	35.0	32.1	32.6	36.4
2268	Non-participating	31.8	31.0	32.1	32.2	33.5	30.9	31.6	34.9

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)
2269	Non-participating	32.5	31.7	32.8	32.9	34.2	31.4	32.3	34.2
2270	Non-participating	31.2	30.4	31.3	31.2	32.9	29.9	30.9	32.9
2271	Non-participating	29.7	28.8	29.9	29.8	31.5	28.6	29.1	33.5
2272	Non-participating	30.9	30.1	31.1	31.0	32.7	29.7	30.2	36.8
2273	Non-participating	31.0	30.1	31.2	31.1	32.7	29.7	30.2	36.3
2274	Non-participating	26.8	26.0	27.3	29.2	28.6	26.0	26.7	28.6
2275	Non-participating	29.8	29.0	30.0	30.0	31.6	28.7	29.3	31.6
2276	Non-participating	32.0	31.1	32.2	32.2	33.7	30.9	31.8	33.7
2277	Non-participating	28.7	27.8	28.9	28.8	30.6	27.5	28.0	33.3
2278	Non-participating	35.1	34.4	35.3	35.3	36.7	34.0	34.8	36.8
2279	Non-participating	31.0	30.2	31.2	31.2	32.8	29.8	30.5	33.7
2280	Non-participating	32.7	31.9	33.0	33.0	34.4	31.6	32.5	34.4
2281	Non-participating	32.5	31.7	32.7	32.7	34.2	31.4	32.2	34.2
2282	Non-participating	32.0	31.1	32.2	32.1	33.7	30.8	31.7	33.7
2283	Non-participating	30.9	30.1	31.1	31.1	32.6	29.8	30.1	43.4
2284	Non-participating	31.3	30.5	31.6	31.5	33.0	30.3	31.0	33.0
2285	Non-participating	30.4	29.6	30.6	30.7	32.1	29.2	30.1	32.1
2286	Non-participating	31.0	30.2	31.3	31.3	32.7	29.8	30.9	32.7
2287	Non-participating	31.0	30.2	31.2	31.1	32.8	29.7	30.3	35.8
2288	Non-participating	30.3	29.5	30.5	30.4	32.1	29.1	29.9	32.1
2289	Non-participating	33.6	32.8	33.8	33.8	35.4	32.5	33.0	36.1
2290	Non-participating	31.4	30.6	31.7	31.9	33.1	30.4	31.1	33.1
2291	Non-participating	33.3	32.5	33.6	33.5	35.0	32.3	33.2	35.0
2292	Non-participating	32.2	31.4	32.4	32.3	33.9	31.1	31.8	33.9
2293	Non-participating	31.8	30.9	32.0	31.9	33.5	30.6	31.5	33.5
2294	Non-participating	30.0	29.1	30.2	30.1	31.7	28.8	29.7	32.2
2295	Non-participating	25.7	24.8	25.8	25.7	27.6	24.4	25.0	29.0
2296	Non-participating	32.6	31.8	32.8	32.8	34.3	31.4	32.0	35.4
2297	Non-participating	32.2	31.3	32.4	32.3	33.9	30.9	31.7	34.5
2298	Non-participating	32.1	31.3	32.3	32.2	33.8	30.9	31.9	33.8
2299	Non-participating	31.3	30.5	31.5	31.5	33.1	30.1	30.6	36.7
2300	Non-participating	34.7	33.9	34.9	34.8	36.4	33.5	34.3	36.5
2301	Non-participating	34.4	33.6	34.7	34.7	36.2	33.5	34.3	36.4
2302	Non-participating	36.4	35.6	36.7	36.7	38.2	35.6	36.0	38.7
2303	Non-participating	35.5	34.7	35.8	35.8	37.2	34.6	35.5	37.2
2304	Non-participating	31.1	30.3	31.3	31.4	32.8	30.0	30.3	43.5
2305	Non-participating	24.0	23.1	24.3	24.4	26.0	22.7	23.5	26.5
2306	Non-participating	32.9	32.1	33.1	33.1	34.6	31.8	32.6	34.6
2307	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	31.2	33.2
2308	Non-participating	36.2	35.4	36.5	36.5	37.9	35.3	36.1	37.9
2309	Non-participating	32.1	31.3	32.4	32.3	33.9	31.0	31.9	33.9
2310	Non-participating	35.0	34.3	35.4	35.3	36.8	34.1	34.8	36.9

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)
2311	Non-participating	34.3	33.5	34.5	34.6	36.0	33.1	34.0	36.0
2312	Non-participating	31.1	30.3	31.3	31.2	32.9	29.9	30.4	36.6
2313	Non-participating	30.6	29.7	30.8	30.7	32.3	29.4	30.4	32.3
2314	Non-participating	33.4	32.6	33.7	33.6	35.1	32.4	33.1	35.1
2315	Non-participating	32.2	31.4	32.5	32.4	34.0	31.1	31.4	43.3
2316	Non-participating	30.3	29.5	30.6	30.7	32.0	29.2	29.5	45.8
2317	Non-participating	29.3	28.5	29.5	29.5	31.1	28.1	28.7	32.8
2318	Non-participating	31.0	30.2	31.2	31.1	32.8	29.7	30.3	35.9
2319	Non-participating	33.4	32.6	33.7	33.9	35.1	32.6	33.2	35.1
2320	Non-participating	32.5	31.7	32.8	32.8	34.3	31.5	32.1	36.1
2321	Non-participating	30.2	29.3	30.4	30.3	31.9	29.0	29.3	39.8
2322	Non-participating	32.8	32.0	33.1	33.1	34.6	31.8	32.1	45.5
2323	Non-participating	28.6	27.8	28.8	28.7	30.5	27.4	27.9	33.1
2324	Non-participating	30.4	29.6	30.6	30.6	32.2	29.2	30.2	32.3
2325	Non-participating	26.4	25.6	26.6	26.5	28.4	25.2	25.9	28.9
2326	Non-participating	31.7	30.9	31.9	31.8	33.5	30.5	31.0	35.9
2327	Non-participating	31.8	31.0	32.0	32.0	33.5	30.6	31.1	36.2
2328	Non-participating	31.2	30.4	31.4	31.4	32.9	30.1	30.5	32.9
2329	Non-participating	31.4	30.6	31.6	31.6	33.1	30.3	30.6	44.5
2330	Non-participating	33.1	32.3	33.3	33.3	34.8	32.0	32.9	34.8
2331	Non-participating	30.1	29.3	30.4	30.3	32.0	29.1	29.6	33.7
2332	Non-participating	33.0	32.2	33.2	33.2	34.7	31.9	32.7	34.7
2333	Non-participating	31.4	30.6	31.7	31.7	33.1	30.4	31.1	33.1
2334	Non-participating	31.9	31.1	32.2	32.2	33.6	30.9	31.6	33.6
2335	Non-participating	34.8	34.0	35.0	35.0	36.5	33.8	34.3	37.2
2336	Non-participating	33.3	32.5	33.5	33.6	35.0	32.1	32.6	38.8
2337	Non-participating	34.2	33.4	34.5	34.6	35.9	33.1	33.6	37.3
2338	Non-participating	32.6	31.8	32.9	32.9	34.3	31.5	32.5	34.3
2339	Non-participating	28.9	28.1	29.1	29.0	30.8	27.7	28.2	33.6
2340	Non-participating	32.4	31.5	32.6	32.5	34.1	31.2	31.7	35.5
2341	Non-participating	31.5	30.7	31.8	31.8	33.2	30.5	30.9	33.2
2342	Non-participating	27.4	26.6	27.6	27.6	29.2	26.2	27.1	29.2
2343	Non-participating	28.7	27.9	29.0	29.0	30.6	27.5	28.2	33.1
2344	Non-participating	31.5	30.7	31.7	31.6	33.2	30.3	30.8	36.7
2345	Non-participating	36.4	35.7	36.6	36.6	38.0	35.5	36.0	38.1
2346	Non-participating	34.9	34.1	35.2	35.2	36.6	34.0	34.7	36.6
2347	Non-participating	30.0	29.2	30.4	30.6	31.9	29.0	29.4	45.8
2348	Non-participating	31.6	30.8	31.8	31.8	33.3	30.5	31.3	33.3
2349	Non-participating	32.2	31.4	32.5	32.6	33.9	31.1	32.0	33.9
2350	Non-participating	31.3	30.5	31.6	31.6	33.1	30.3	31.0	33.1
2351	Non-participating	32.5	31.7	32.7	32.7	34.2	31.3	32.3	34.2
2352	Non-participating	27.3	26.5	28.6	28.6	29.0	27.3	27.2	29.0

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)
2353	Non-participating	36.0	35.2	36.3	36.3	37.8	35.1	35.6	38.0
2354	Non-participating	31.0	30.2	31.3	31.2	32.8	29.9	30.8	32.8
2355	Non-participating	31.9	31.0	32.1	32.0	33.6	30.7	31.6	33.6
2356	Non-participating	31.6	30.8	31.8	31.8	33.3	30.5	30.8	45.5
2357	Non-participating	29.8	29.0	30.0	29.9	31.6	28.6	29.6	31.6
2358	Non-participating	27.9	27.0	28.0	27.9	29.7	26.6	27.3	29.9
2359	Non-participating	33.3	32.5	33.6	33.5	35.0	32.3	33.1	35.0
2360	Non-participating	29.3	28.5	29.5	29.4	31.1	28.1	28.8	31.1
2361	Non-participating	32.3	31.5	32.5	32.5	34.1	31.2	32.1	34.1
2362	Non-participating	28.9	28.1	29.1	29.0	30.7	27.7	28.6	31.2
2363	Non-participating	30.5	29.6	30.7	30.6	32.2	29.3	30.2	32.4
2364	Non-participating	31.6	30.8	31.9	31.8	33.4	30.6	31.1	34.5
2365	Non-participating	30.4	29.6	30.7	30.6	32.2	29.4	29.9	33.9
2366	Non-participating	31.2	30.4	31.5	31.4	33.0	30.2	30.9	33.0
2367	Non-participating	28.8	28.0	29.0	29.0	30.5	27.7	28.2	30.5
2368	Non-participating	35.0	34.2	35.1	35.0	36.6	33.8	34.5	36.7
2369	Non-participating	24.5	23.6	24.6	25.3	26.2	22.7	23.6	27.0
2370	Non-participating	31.1	30.3	31.3	31.2	32.8	29.8	30.5	33.0
2371	Non-participating	35.0	34.2	35.1	35.1	36.6	33.7	34.6	36.7
2372	Non-participating	32.9	32.1	33.2	33.1	34.7	31.8	32.3	38.2
2373	Non-participating	31.6	30.8	31.8	31.7	33.3	30.4	31.3	33.3
2374	Non-participating	31.6	30.8	31.8	31.9	33.3	30.4	30.9	37.8
2375	Non-participating	30.6	29.8	30.8	30.8	32.2	29.5	30.0	32.2
2376	Non-participating	30.7	29.9	31.0	30.9	32.5	29.6	30.5	32.5
2377	Non-participating	27.5	26.7	27.7	27.7	29.3	26.3	26.9	32.5
2378	Non-participating	31.4	30.6	31.6	31.5	33.2	30.2	30.9	33.2
2379	Non-participating	30.5	29.7	30.7	30.6	32.3	29.3	30.2	32.3
2380	Non-participating	33.8	33.0	34.0	34.0	35.5	32.7	33.2	39.4
2381	Non-participating	32.9	32.1	33.1	33.1	34.6	31.7	32.2	38.0
2382	Non-participating	33.9	33.1	34.2	34.1	35.6	32.9	33.6	35.6
2383	Non-participating	33.4	32.6	33.7	33.7	35.1	32.4	33.2	35.1
2384	Non-participating	31.6	30.8	31.8	31.8	33.3	30.5	30.7	43.7
2385	Non-participating	30.5	29.7	30.7	30.8	32.3	29.3	30.3	32.3
2386	Non-participating	32.7	31.8	32.9	32.8	34.4	31.5	32.1	35.1
2387	Non-participating	31.3	30.5	31.5	31.8	32.9	30.0	31.1	32.9
2388	Non-participating	36.1	35.3	36.4	36.4	37.8	35.2	35.7	38.3
2389	Non-participating	31.8	31.0	32.0	32.1	33.5	30.6	31.1	36.1
2390	Non-participating	34.8	34.0	35.1	35.1	36.5	33.8	34.4	36.8
2391	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	30.7	44.3
2392	Non-participating	36.1	35.3	36.3	36.2	37.7	35.1	35.6	37.8
2393	Non-participating	35.1	34.3	35.4	35.4	36.8	34.1	34.6	37.7
2394	Non-participating	32.0	31.2	32.3	32.3	33.8	31.1	31.5	33.8

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)
2395	Non-participating	31.1	30.2	31.3	31.2	32.8	29.9	30.5	33.7
2396	Non-participating	29.2	28.4	29.5	30.0	30.8	28.2	29.0	30.8
2397	Non-participating	29.7	28.8	29.9	29.9	31.4	28.6	29.2	31.4
2398	Non-participating	29.2	28.4	29.4	29.4	31.0	28.0	29.0	31.0
2399	Non-participating	31.3	30.5	31.5	31.4	33.1	30.1	30.6	36.7
2400	Non-participating	32.3	31.5	32.5	32.5	34.0	31.2	31.7	36.9
2401	Non-participating	31.4	30.6	31.7	31.6	33.2	30.3	31.2	33.2
2402	Non-participating	31.2	30.4	31.4	31.4	32.9	30.1	30.4	43.6
2403	Non-participating	30.2	29.4	30.5	30.4	32.0	29.1	29.7	33.8
2404	Non-participating	32.1	31.3	32.3	32.4	33.7	31.0	31.8	33.7
2405	Non-participating	32.1	31.3	32.3	32.3	33.8	31.0	31.3	45.0
2406	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	30.7	43.9
2407	Non-participating	35.2	34.5	35.4	35.3	36.8	34.1	34.7	36.9
2408	Non-participating	27.1	26.3	27.2	27.6	28.7	25.7	26.6	28.7
2409	Non-participating	33.9	33.1	34.3	34.2	35.7	33.1	33.4	35.7
2410	Non-participating	32.3	31.5	32.5	32.5	34.0	31.1	31.6	35.2
2411	Non-participating	33.5	32.7	33.7	33.6	35.3	32.3	33.1	35.6
2412	Non-participating	26.4	25.7	26.9	27.4	28.3	25.8	26.4	28.3
2413	Non-participating	34.5	33.7	34.7	34.7	36.1	33.3	34.2	36.1
2414	Non-participating	31.2	30.3	31.4	31.3	32.9	29.9	30.4	36.6
2415	Non-participating	31.4	30.6	31.6	31.5	33.2	30.2	31.1	33.9
2416	Non-participating	32.3	31.5	32.5	32.5	34.0	31.2	31.6	41.4
2417	Non-participating	30.6	29.8	30.8	30.7	32.4	29.4	30.3	32.4
2418	Non-participating	33.0	32.2	33.3	33.2	34.8	32.0	32.9	35.1
2419	Non-participating	34.4	33.6	34.6	34.6	36.1	33.3	34.1	36.1
2420	Non-participating	34.2	33.4	34.5	34.5	35.9	33.2	33.8	36.2
2421	Non-participating	31.7	30.9	31.9	31.8	33.4	30.5	31.0	36.4
2422	Non-participating	33.7	32.9	33.9	33.8	35.4	32.5	33.1	36.0
2423	Non-participating	27.4	26.6	27.6	27.4	29.2	26.1	26.8	30.1
2424	Non-participating	31.1	30.3	31.2	31.2	32.8	29.8	30.8	32.8
2425	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	30.7	43.8
2426	Non-participating	32.2	31.3	32.4	32.5	33.9	31.1	32.0	33.9
2427	Non-participating	31.4	30.6	31.6	31.5	33.1	30.2	30.7	36.0
2428	Non-participating	31.3	30.5	31.6	31.6	33.1	30.3	31.0	33.1
2429	Non-participating	26.7	25.8	26.8	26.7	28.5	25.3	26.2	28.5
2430	Non-participating	31.0	30.2	31.2	31.2	32.7	29.9	30.2	45.3
2431	Non-participating	30.0	29.2	30.2	30.1	31.8	28.8	29.4	33.5
2432	Non-participating	34.9	34.1	35.2	35.1	36.6	33.8	34.4	36.8
2433	Non-participating	31.0	30.2	31.2	31.1	32.8	29.7	30.3	36.3
2434	Non-participating	33.4	32.6	33.6	33.5	35.2	32.3	32.8	35.9
2435	Non-participating	31.5	30.7	31.7	31.8	33.2	30.4	31.2	33.2
2436	Non-participating	30.7	30.0	31.1	32.0	32.3	30.1	30.6	32.3

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)
2437	Non-participating	31.0	30.1	31.2	31.1	32.7	29.8	30.7	33.3
2438	Non-participating	35.1	34.4	35.3	35.2	36.7	34.0	34.7	36.8
2439	Non-participating	34.4	33.6	34.6	34.6	36.1	33.3	33.8	37.3
2440	Non-participating	32.7	31.9	33.0	32.9	34.4	31.6	32.4	34.4
2441	Non-participating	30.0	29.2	30.2	30.2	31.7	28.8	29.8	31.7
2442	Non-participating	30.8	29.9	31.0	31.0	32.6	29.7	30.3	34.0
2443	Non-participating	31.7	30.9	32.1	32.1	33.5	30.8	31.5	34.9
2444	Non-participating	30.2	29.4	30.4	30.3	32.0	28.9	29.7	32.0
2445	Non-participating	31.7	30.9	32.0	32.0	33.4	30.7	31.4	33.4
2446	Non-participating	31.8	31.0	32.0	32.0	33.5	30.6	31.6	33.5
2447	Non-participating	32.4	31.6	32.6	32.5	34.1	31.2	32.1	34.1
2448	Non-participating	31.0	30.2	31.3	31.2	32.7	30.0	30.6	32.7
2449	Non-participating	35.3	34.5	35.5	35.4	37.0	34.2	34.7	37.2
2450	Non-participating	26.2	25.4	26.4	26.3	28.2	25.0	25.8	28.2
2451	Non-participating	32.2	31.3	32.3	32.3	33.9	30.9	31.9	33.9
2452	Non-participating	36.2	35.4	36.5	36.5	37.9	35.3	35.7	38.4
2453	Non-participating	30.9	30.1	31.1	31.0	32.7	29.7	30.2	36.7
2454	Non-participating	31.4	30.6	31.6	31.8	33.1	30.2	30.7	37.5
2455	Non-participating	32.7	31.9	32.9	32.9	34.4	31.5	32.0	37.5
2456	Non-participating	31.8	31.0	32.1	32.1	33.6	30.8	31.6	33.6
2457	Non-participating	32.0	31.2	32.2	32.2	33.7	30.9	31.7	33.7
2458	Non-participating	31.5	30.7	31.8	31.7	33.2	30.4	30.7	45.4
2459	Non-participating	30.8	30.0	31.0	31.0	32.5	29.6	29.9	44.6
2460	Non-participating	35.6	34.8	35.8	35.8	37.2	34.6	35.4	37.2
2461	Non-participating	30.8	30.0	31.0	31.1	32.5	29.7	30.4	32.5
2462	Non-participating	31.5	30.7	31.8	31.8	33.3	30.4	30.7	45.4
2463	Non-participating	34.4	33.6	34.7	34.6	36.1	33.4	34.3	36.4
2464	Non-participating	29.0	28.1	29.2	29.2	30.8	27.8	28.4	33.3
2465	Non-participating	30.8	30.0	31.1	31.0	32.6	29.7	30.5	32.6
2466	Non-participating	28.6	27.8	28.8	28.7	30.4	27.4	28.0	30.4
2467	Non-participating	30.0	29.2	30.3	30.2	31.9	28.9	29.5	33.7
2468	Non-participating	32.1	31.3	32.3	32.3	33.8	31.0	31.8	33.8
2469	Non-participating	31.6	30.7	31.7	31.7	33.3	30.3	31.1	33.3
2470	Non-participating	34.3	33.5	34.5	34.5	36.0	33.3	33.9	36.1
2471	Non-participating	37.3	36.7	37.5	37.5	38.7	36.5	37.0	38.8
2472	Non-participating	31.8	30.9	32.0	31.9	33.5	30.6	31.4	33.5
2473	Non-participating	30.8	30.0	31.0	30.9	32.6	29.6	30.1	36.5
2474	Non-participating	33.7	32.9	33.9	33.9	35.4	32.6	33.0	35.7
2475	Non-participating	33.5	32.7	33.7	33.7	35.2	32.4	33.0	35.2
2476	Non-participating	30.4	29.5	30.5	30.5	32.1	29.1	30.0	32.1
2477	Non-participating	31.6	30.7	31.8	31.7	33.3	30.4	31.3	33.3
2478	Non-participating	30.0	29.1	30.2	30.1	31.7	28.8	29.4	31.7

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)
2479	Non-participating	33.1	32.3	33.3	33.3	34.8	32.1	32.3	44.8
2480	Non-participating	34.9	34.1	35.1	35.1	36.5	33.7	34.6	36.5
2481	Non-participating	32.5	31.7	32.7	32.6	34.2	31.3	31.8	35.6
2482	Non-participating	33.3	32.5	33.6	33.5	35.1	32.3	32.7	37.0
2483	Non-participating	31.1	30.3	31.3	31.2	32.9	29.9	30.4	36.5
2484	Non-participating	30.2	29.4	30.5	30.6	31.9	29.1	29.4	45.8
2485	Non-participating	29.2	28.3	29.3	29.2	30.9	27.9	28.5	32.6
2486	Non-participating	29.0	28.2	29.2	29.1	30.8	27.8	28.2	33.6
2487	Non-participating	28.6	27.8	28.8	28.8	30.5	27.4	28.0	33.0
2488	Non-participating	33.6	32.8	33.9	33.9	35.3	32.7	33.4	35.3
2489	Non-participating	30.2	29.3	30.4	30.4	32.0	29.0	29.9	32.0
2490	Non-participating	30.2	29.3	30.4	30.3	31.9	29.0	29.3	39.9
2491	Non-participating	32.1	31.3	32.3	32.3	33.8	31.0	31.3	44.4
2492	Non-participating	34.8	34.0	34.9	34.9	36.4	33.5	34.3	36.6
2493	Non-participating	30.1	29.2	30.2	30.2	31.8	28.8	29.8	31.8
2494	Non-participating	33.5	32.7	33.7	33.7	35.2	32.4	32.8	38.7
2495	Non-participating	35.9	35.1	36.2	36.2	37.6	35.0	35.5	38.3
2496	Non-participating	31.0	30.2	31.3	31.2	32.8	30.0	30.4	32.8
2497	Non-participating	32.9	32.1	33.2	33.2	34.7	31.9	32.7	34.7
2498	Non-participating	34.2	33.4	34.5	34.4	35.9	33.1	33.6	38.3
2499	Non-participating	32.9	32.1	33.1	33.1	34.7	31.8	32.7	34.7
2500	Non-participating	32.1	31.3	32.3	32.3	33.9	30.9	31.8	33.9
2501	Non-participating	30.1	29.3	30.3	30.3	31.8	28.9	29.3	45.9
2502	Non-participating	31.6	30.8	31.8	31.7	33.3	30.3	30.9	36.6
2503	Non-participating	27.4	26.6	27.6	27.4	29.2	26.1	26.9	29.2
2504	Non-participating	31.4	30.6	31.7	31.7	33.1	30.3	31.1	33.1
2505	Non-participating	27.0	26.2	27.4	28.0	28.7	26.0	26.8	28.7
2506	Non-participating	34.7	33.9	34.9	34.9	36.4	33.5	34.3	36.5
2507	Non-participating	32.1	31.3	32.4	32.5	33.9	31.0	31.6	34.9
2508	Non-participating	32.4	31.5	32.6	32.5	34.1	31.2	31.7	35.5
2509	Non-participating	31.9	31.1	32.1	32.1	33.6	30.7	31.6	33.6
2510	Non-participating	28.3	27.6	28.7	29.2	30.0	27.5	28.2	30.0
2511	Non-participating	31.9	31.2	32.2	32.2	33.7	31.0	31.3	33.7
2512	Non-participating	32.7	31.9	32.9	32.9	34.4	31.6	32.5	34.4
2513	Non-participating	30.2	29.4	30.4	30.3	31.9	29.0	29.9	32.0
2514	Non-participating	29.9	29.1	30.1	30.5	31.5	28.8	29.1	45.8
2515	Non-participating	34.7	33.9	34.9	34.8	36.4	33.5	34.2	36.5
2516	Non-participating	36.0	35.3	36.4	36.3	37.8	35.1	35.6	38.1
2517	Non-participating	30.6	29.8	30.9	30.8	32.3	29.5	30.3	32.3
2518	Non-participating	32.4	31.6	32.7	32.7	34.1	31.4	32.3	34.1
2519	Non-participating	31.4	30.6	31.7	31.6	33.2	30.4	31.3	33.3
2520	Non-participating	29.4	28.5	29.6	29.5	31.2	28.2	28.6	33.5

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)
2521	Non-participating	30.0	29.1	30.2	30.2	31.8	28.9	29.5	33.6
2522	Non-participating	32.6	31.7	32.8	32.8	34.3	31.6	32.5	34.3
2523	Non-participating	32.9	32.1	33.1	33.1	34.6	31.8	32.7	34.6
2524	Non-participating	32.2	31.4	32.5	32.4	34.0	31.1	32.0	34.0
2525	Non-participating	34.9	34.1	35.2	35.1	36.7	33.8	34.6	36.7
2526	Non-participating	33.3	32.5	33.5	33.5	35.0	32.2	32.6	38.4
2527	Non-participating	33.0	32.2	33.2	33.2	34.7	31.9	32.3	38.4
2528	Non-participating	30.5	29.8	30.8	30.9	32.2	29.5	30.2	32.2
2529	Non-participating	29.7	28.9	29.9	29.9	31.4	28.5	29.2	31.4
2530	Non-participating	30.5	29.7	30.7	30.7	32.3	29.3	30.2	32.3
2531	Non-participating	33.9	33.1	34.2	34.2	35.7	33.0	33.9	35.7
2532	Non-participating	30.5	29.7	30.7	30.6	32.3	29.3	30.3	32.5
2533	Non-participating	31.5	30.7	31.8	31.7	33.3	30.5	31.1	34.5
2534	Non-participating	28.9	28.1	29.2	29.1	30.8	27.8	28.4	33.2
2535	Non-participating	33.4	32.6	33.7	33.7	35.2	32.4	33.1	35.4
2536	Non-participating	31.3	30.5	31.4	31.8	32.9	29.9	30.5	37.5
2537	Non-participating	32.9	32.1	33.1	33.1	34.5	31.8	32.6	34.5
2538	Non-participating	32.8	32.0	33.0	33.0	34.5	31.6	32.4	34.5
2539	Non-participating	33.2	32.4	33.7	33.7	35.1	32.5	33.2	35.1
2540	Non-participating	33.2	32.4	33.5	33.4	34.9	32.2	33.1	34.9
2541	Non-participating	31.9	31.1	32.1	32.1	33.6	30.8	31.1	44.8
2542	Non-participating	27.4	26.6	27.6	27.4	29.2	26.1	26.8	30.1
2543	Non-participating	33.3	32.5	33.5	33.5	35.0	32.2	33.0	35.0
2544	Non-participating	35.0	34.3	35.2	35.1	36.6	33.9	34.6	36.7
2545	Non-participating	30.8	30.0	31.0	30.9	32.5	29.6	30.0	36.8
2546	Non-participating	32.5	31.7	32.8	32.8	34.2	31.4	32.2	34.2
2547	Non-participating	30.4	29.6	30.6	30.7	32.1	29.2	30.0	32.1
2548	Non-participating	27.4	26.5	27.6	27.5	29.3	26.2	26.7	34.0
2549	Non-participating	30.9	30.1	31.1	31.0	32.7	29.7	30.2	36.4
2550	Non-participating	35.7	34.9	35.9	35.9	37.4	34.7	35.2	37.6
2551	Non-participating	33.2	32.4	33.4	33.4	35.0	32.1	32.7	35.6
2552	Non-participating	26.4	25.6	26.6	26.6	28.1	25.1	25.8	28.1
2553	Non-participating	26.9	26.1	27.1	27.0	28.8	25.6	26.4	28.8
2554	Non-participating	37.3	36.5	37.6	37.6	39.0	36.5	36.9	39.5
2555	Non-participating	31.7	30.9	31.9	31.8	33.5	30.5	31.0	36.3
2556	Non-participating	36.0	35.3	36.4	36.4	37.8	35.2	36.1	37.8
2557	Non-participating	33.3	32.5	33.5	33.5	35.0	32.3	33.1	35.0
2558	Non-participating	31.9	31.1	32.1	32.1	33.6	30.8	31.1	44.5
2559	Non-participating	28.6	27.8	28.8	28.9	30.4	27.4	28.0	33.0
2560	Non-participating	33.1	32.3	33.4	33.3	34.9	32.0	32.9	34.9
2561	Non-participating	36.0	35.2	36.3	36.2	37.7	35.1	35.5	38.0
2562	Non-participating	30.3	29.5	30.5	30.5	32.0	29.2	29.6	32.0

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)
2563	Non-participating	31.1	30.3	31.4	31.3	32.9	30.0	30.3	43.5
2564	Non-participating	33.1	32.3	33.4	33.3	34.9	32.1	32.6	36.5
2565	Non-participating	33.6	32.8	33.9	33.9	35.4	32.6	33.0	42.8
2566	Non-participating	31.6	30.8	31.8	31.8	33.4	30.4	31.0	35.6
2567	Non-participating	32.7	31.9	33.0	32.9	34.5	31.6	32.1	35.0
2568	Non-participating	30.9	30.1	31.2	31.2	32.6	29.9	30.4	32.6
2569	Non-participating	33.2	32.4	33.4	33.4	34.9	32.1	32.5	38.8
2570	Non-participating	30.4	29.6	30.6	30.5	32.2	29.1	29.9	32.2
2571	Non-participating	33.7	32.9	34.0	33.9	35.5	32.6	33.5	35.5
2572	Non-participating	32.6	31.8	32.8	32.8	34.3	31.6	32.3	34.3
2573	Non-participating	31.5	30.7	31.8	31.7	33.2	30.4	30.7	45.3
2574	Non-participating	31.8	31.0	32.0	32.0	33.5	30.6	31.3	33.8
2575	Non-participating	33.3	32.5	33.5	33.4	35.0	32.1	32.7	35.9
2576	Non-participating	33.3	32.5	33.5	33.5	35.0	32.2	33.2	35.0
2577	Non-participating	31.8	31.0	32.1	32.0	33.5	30.7	31.0	45.2
2578	Non-participating	33.6	32.8	33.9	33.9	35.3	32.5	33.5	35.3
2579	Non-participating	32.5	31.7	32.7	32.6	34.2	31.3	32.2	34.2
2580	Non-participating	35.5	34.8	35.7	35.6	37.1	34.4	35.0	37.2
2581	Non-participating	32.9	32.1	33.2	33.2	34.7	32.0	32.9	34.7
2582	Non-participating	26.5	25.7	26.7	26.6	28.5	25.3	26.0	28.9
2583	Non-participating	30.5	29.7	30.7	30.6	32.3	29.3	30.3	32.3
2584	Non-participating	34.6	33.8	34.9	34.9	36.3	33.7	34.6	36.3
2585	Non-participating	29.3	28.5	29.5	29.4	31.1	28.1	28.8	31.1
2586	Non-participating	34.9	34.2	35.3	35.3	36.7	34.1	34.7	36.7
2587	Non-participating	29.9	29.1	30.1	30.1	31.7	28.8	29.4	33.6
2588	Non-participating	34.5	33.7	34.6	34.7	36.1	33.2	34.0	36.3
2589	Non-participating	33.1	32.3	33.3	33.3	34.9	32.0	32.6	35.5
2590	Non-participating	34.3	33.5	34.6	34.5	36.0	33.3	34.2	36.0
2591	Non-participating	32.3	31.5	32.5	32.5	34.0	31.2	32.0	34.0
2592	Non-participating	24.2	23.4	24.4	24.3	26.2	23.0	23.6	30.6
2593	Non-participating	32.0	31.1	32.2	32.1	33.7	30.8	31.7	34.2
2594	Non-participating	33.4	32.6	33.6	33.7	35.1	32.3	32.8	36.5
2595	Non-participating	32.1	31.3	32.4	32.4	33.9	30.9	31.5	36.6
2596	Non-participating	32.8	32.0	33.1	33.1	34.5	31.9	32.6	34.5
2597	Non-participating	32.5	31.7	32.8	32.8	34.2	31.5	32.3	34.2
2598	Non-participating	26.8	25.9	26.9	26.7	28.6	25.4	26.3	28.6
2599	Non-participating	30.0	29.1	30.1	30.0	31.7	28.7	29.3	33.4
2600	Non-participating	35.2	34.4	35.5	35.4	36.9	34.2	34.7	38.0
2601	Non-participating	35.5	34.7	35.7	35.6	37.2	34.4	35.0	37.4
2602	Non-participating	29.2	28.4	29.5	29.5	31.0	28.2	28.8	31.0
2603	Non-participating	34.1	33.3	34.3	34.3	35.8	33.0	33.8	35.8
2604	Non-participating	31.7	30.9	31.9	32.0	33.4	30.6	31.5	33.4

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)
2605	Non-participating	28.7	27.9	28.9	28.8	30.6	27.5	28.0	33.3
2606	Non-participating	35.5	34.7	35.8	35.8	37.3	34.6	35.1	38.0
2607	Non-participating	34.2	33.4	34.5	34.4	35.9	33.2	34.1	35.9
2608	Non-participating	33.1	32.3	33.3	33.3	34.8	32.0	32.8	34.8
2609	Non-participating	29.9	29.1	30.1	30.3	31.6	28.7	29.0	45.9
2610	Non-participating	31.4	30.6	31.6	31.6	33.1	30.3	30.6	43.5
2611	Non-participating	30.6	29.8	30.8	30.7	32.4	29.3	30.3	32.4
2612	Non-participating	36.3	35.5	36.6	36.6	38.1	35.4	35.9	38.5
2613	Non-participating	31.6	30.8	31.8	31.8	33.4	30.4	30.9	35.7
2614	Non-participating	32.9	32.2	33.3	33.2	34.7	32.0	32.7	34.7
2615	Non-participating	31.0	30.1	31.2	31.1	32.7	29.8	30.1	43.7
2616	Non-participating	33.6	32.8	33.9	33.9	35.4	32.6	33.5	35.4
2617	Non-participating	30.6	29.8	30.8	30.8	32.3	29.3	30.3	32.3
2618	Non-participating	27.8	27.0	27.9	28.2	29.5	26.3	27.1	29.9
2619	Non-participating	36.0	35.3	36.4	36.3	37.8	35.2	35.6	38.2
2620	Non-participating	34.5	33.7	34.8	34.7	36.3	33.5	34.0	36.8
2621	Non-participating	31.2	30.4	31.4	31.4	32.9	30.1	30.9	32.9
2622	Non-participating	32.4	31.6	32.6	32.5	34.2	31.2	32.2	34.2
2623	Non-participating	35.4	34.6	35.7	35.7	37.1	34.4	34.9	38.0
2624	Non-participating	31.1	30.2	31.2	31.2	32.8	29.8	30.3	36.1
2625	Non-participating	34.7	33.9	35.0	35.0	36.4	33.7	34.3	36.7
2626	Non-participating	34.3	33.5	34.6	34.6	36.1	33.4	34.3	36.1
2627	Non-participating	31.6	30.7	31.8	31.7	33.3	30.4	31.3	33.3
2628	Non-participating	31.7	30.9	31.9	31.9	33.5	30.5	31.0	35.7
2629	Non-participating	30.0	29.2	30.2	30.1	31.7	28.7	29.7	31.7
2630	Non-participating	31.5	30.7	31.7	31.7	33.3	30.3	31.1	33.3
2631	Non-participating	31.2	30.4	31.4	31.4	33.0	30.0	30.5	36.6
2632	Non-participating	34.0	33.2	34.2	34.2	35.7	32.9	33.4	36.5
2633	Non-participating	31.2	30.4	31.5	31.5	32.9	30.1	30.4	43.7
2634	Non-participating	27.5	26.7	27.7	27.7	29.3	26.3	26.9	32.2
2635	Non-participating	32.6	31.8	32.9	32.9	34.3	31.5	32.0	36.9
2636	Non-participating	30.3	29.5	30.5	30.4	32.1	29.1	30.0	32.1
2637	Non-participating	31.5	30.7	31.8	31.8	33.3	30.5	31.3	33.3
2638	Non-participating	29.7	28.9	29.9	29.9	31.4	28.6	29.4	31.4
2639	Non-participating	34.9	34.1	35.1	35.0	36.5	33.7	34.5	36.7
2640	Non-participating	30.7	29.9	30.9	30.8	32.5	29.4	30.0	36.3
2641	Non-participating	27.2	26.4	27.5	27.3	29.1	26.0	26.7	30.0
2642	Non-participating	24.5	23.7	24.9	25.3	26.7	23.4	24.2	27.5
2643	Non-participating	28.9	28.1	29.1	29.0	30.8	27.7	28.2	33.6
2644	Non-participating	33.3	32.5	33.6	33.6	35.0	32.3	33.1	35.0
2645	Non-participating	34.5	33.7	34.8	34.8	36.2	33.7	34.3	36.2
2646	Non-participating	30.8	30.0	31.0	31.2	32.4	29.7	30.2	33.7

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)
2647	Non-participating	35.1	34.4	35.3	35.2	36.7	34.0	34.8	36.7
2648	Non-participating	33.0	32.2	33.3	33.3	34.8	32.0	32.9	35.1
2649	Non-participating	29.5	28.7	29.9	30.3	31.3	28.8	29.4	31.3
2650	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	31.2	33.2
2651	Non-participating	27.4	26.6	27.6	27.4	29.2	26.1	26.9	29.2
2652	Non-participating	31.2	30.4	31.4	31.4	33.0	30.1	31.0	33.0
2653	Non-participating	31.2	30.4	31.4	31.4	32.9	30.1	30.4	44.0
2654	Non-participating	31.6	30.8	31.9	31.8	33.4	30.5	31.5	33.7
2655	Non-participating	31.1	30.3	31.3	31.3	32.9	29.9	30.4	35.8
2656	Non-participating	28.1	27.2	28.3	28.2	29.9	26.9	27.5	29.9
2657	Non-participating	30.3	29.5	30.5	30.4	32.0	29.1	30.0	32.1
2658	Non-participating	32.0	31.2	32.2	32.2	33.7	30.9	31.2	44.2
2659	Non-participating	36.3	35.5	36.6	36.6	38.0	35.4	35.9	38.6
2660	Non-participating	31.8	30.9	32.0	31.9	33.5	30.6	31.1	35.5
2661	Non-participating	30.9	30.1	31.1	31.1	32.6	29.8	30.6	32.6
2662	Non-participating	33.1	32.3	33.3	33.3	34.8	32.0	32.4	38.9
2663	Non-participating	31.5	30.7	31.7	31.7	33.3	30.3	31.2	33.3
2664	Non-participating	29.5	28.7	29.7	29.6	31.3	28.2	28.9	32.7
2665	Non-participating	30.9	30.1	31.1	31.2	32.6	29.7	30.3	33.7
2666	Non-participating	33.8	33.0	34.1	34.1	35.5	32.8	33.5	35.5
2667	Non-participating	28.7	27.9	28.9	28.8	30.4	27.4	28.2	30.4
2668	Non-participating	31.2	30.3	31.4	31.3	32.9	30.0	30.5	36.1
2669	Non-participating	29.9	29.0	30.1	30.0	31.7	28.7	29.2	35.2
2670	Non-participating	29.6	28.8	29.8	29.7	31.4	28.4	29.0	31.4
2671	Non-participating	32.1	31.2	32.3	32.2	33.8	31.0	31.9	33.8
2672	Non-participating	34.3	33.5	34.5	34.5	36.0	33.1	33.9	36.0
2673	Non-participating	34.9	34.1	35.1	35.0	36.6	33.7	34.5	36.7
2674	Non-participating	32.9	32.1	33.1	33.1	34.6	31.7	32.2	38.5
2675	Non-participating	33.5	32.7	33.7	33.7	35.2	32.5	33.3	35.2
2676	Non-participating	31.9	31.1	32.1	32.1	33.6	30.9	31.2	33.6
2677	Non-participating	28.3	27.5	28.7	29.4	30.2	27.3	28.0	30.4
2678	Non-participating	31.0	30.1	31.2	31.1	32.8	29.8	30.7	32.8
2679	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	30.7	44.0
2680	Non-participating	27.0	26.2	27.3	27.5	28.9	25.9	26.4	32.3
2681	Non-participating	34.1	33.3	34.4	34.3	35.8	33.1	34.0	35.8
2682	Non-participating	29.1	28.3	29.3	29.2	30.8	27.9	28.7	30.8
2683	Non-participating	33.4	32.6	33.6	33.5	35.1	32.2	32.8	35.8
2684	Non-participating	33.0	32.2	33.2	33.1	34.7	31.8	32.4	35.6
2685	Non-participating	30.9	30.1	31.2	31.1	32.7	29.8	30.1	43.7
2686	Non-participating	31.8	31.0	32.0	32.0	33.5	30.7	31.0	46.1
2687	Non-participating	34.0	33.2	34.1	34.4	35.5	32.8	33.5	35.6
2688	Non-participating	30.1	29.3	30.3	30.3	31.9	29.0	29.8	31.9

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)
2689	Non-participating	34.2	33.4	34.5	34.5	35.9	33.1	34.0	35.9
2690	Non-participating	35.2	34.4	35.5	35.5	36.9	34.3	34.9	37.1
2691	Non-participating	33.6	32.8	33.9	33.9	35.3	32.6	33.5	35.3
2692	Non-participating	33.0	32.2	33.3	33.2	34.8	32.0	32.9	34.8
2693	Non-participating	27.8	27.0	28.0	27.8	29.7	26.5	27.4	29.7
2694	Non-participating	34.6	33.8	34.9	34.9	36.4	33.7	34.6	36.4
2695	Non-participating	33.2	32.4	33.4	33.4	34.9	32.1	32.7	34.9
2696	Non-participating	30.8	30.0	31.1	31.0	32.5	29.8	30.6	32.5
2697	Non-participating	25.9	25.0	26.0	25.9	27.8	24.6	25.2	29.1
2698	Non-participating	31.8	31.0	32.1	32.1	33.5	30.8	31.2	33.5
2699	Non-participating	33.8	33.0	34.0	34.0	35.5	32.7	33.6	35.5
2700	Non-participating	33.1	32.3	33.3	33.2	34.8	31.9	32.8	34.8
2701	Non-participating	30.8	30.0	31.0	31.0	32.5	29.6	30.4	32.5
2702	Non-participating	29.1	28.3	29.3	29.3	30.8	28.0	28.5	30.8
2703	Non-participating	31.8	31.0	32.0	32.0	33.5	30.6	31.5	33.5
2704	Non-participating	34.0	33.2	34.3	34.3	35.7	33.1	33.7	35.7
2705	Non-participating	32.4	31.6	32.6	32.6	34.2	31.2	31.8	35.4
2706	Non-participating	35.3	34.5	35.6	35.6	37.0	34.4	35.3	37.0
2707	Non-participating	30.6	29.8	30.8	30.7	32.3	29.4	30.2	32.3
2708	Non-participating	33.6	32.8	33.9	33.8	35.3	32.6	33.5	35.3
2709	Non-participating	31.6	30.8	31.8	31.8	33.3	30.5	30.8	45.9
2710	Non-participating	31.1	30.3	31.4	31.4	32.8	30.0	30.3	43.5
2711	Non-participating	31.7	30.9	32.0	32.0	33.4	30.6	31.2	34.3
2712	Non-participating	30.8	30.0	31.0	31.0	32.6	29.6	30.5	32.6
2713	Non-participating	31.7	30.9	31.9	31.9	33.5	30.5	31.1	36.3
2714	Non-participating	35.7	34.9	36.0	35.9	37.4	34.7	35.2	37.7
2715	Non-participating	33.2	32.4	33.4	33.4	35.0	32.1	32.7	35.6
2716	Non-participating	34.8	34.0	35.1	35.1	36.5	33.9	34.5	36.8
2717	Non-participating	35.8	35.1	36.0	35.9	37.4	34.8	35.3	37.5
2718	Non-participating	31.0	30.2	31.2	31.2	32.7	29.9	30.2	43.3
2719	Non-participating	35.3	34.5	35.6	35.6	37.1	34.4	34.9	37.9
2720	Non-participating	32.2	31.4	32.4	32.4	33.9	31.1	32.0	33.9
2721	Non-participating	28.6	27.7	28.9	28.8	30.5	27.5	28.1	33.1
2722	Non-participating	32.2	31.4	32.4	32.4	34.0	31.1	32.0	34.0
2723	Non-participating	33.3	32.5	33.6	33.5	35.1	32.3	33.0	35.1
2724	Non-participating	29.4	28.6	29.7	29.6	31.2	28.3	29.2	31.2
2725	Non-participating	31.2	30.4	31.4	31.4	32.9	30.1	30.4	43.5
2726	Non-participating	32.2	31.4	32.4	32.6	33.9	31.0	31.5	37.0
2727	Non-participating	26.7	25.8	26.9	26.7	28.6	25.4	26.1	29.0
2728	Non-participating	34.1	33.3	34.4	34.3	35.8	33.0	33.8	35.8
2729	Non-participating	29.8	29.0	30.0	30.0	31.6	28.6	29.0	33.5
2730	Non-participating	35.5	34.7	35.6	35.6	37.0	34.4	35.1	37.0

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)
2731	Non-participating	33.1	32.3	33.3	33.2	34.8	31.9	32.5	35.7
2732	Non-participating	26.1	25.2	26.2	26.1	28.0	24.8	25.4	32.0
2733	Non-participating	27.8	26.9	27.9	27.8	29.6	26.5	27.4	29.6
2734	Non-participating	33.1	32.3	33.4	33.3	34.9	32.1	33.0	34.9
2735	Non-participating	34.4	33.6	34.6	34.6	36.1	33.4	34.3	36.1
2736	Non-participating	33.6	32.8	33.8	33.8	35.2	32.6	33.3	35.2
2737	Non-participating	33.3	32.5	33.6	33.5	35.0	32.3	33.2	35.0
2738	Non-participating	31.5	30.7	31.7	31.6	33.3	30.3	31.0	33.3
2739	Non-participating	26.7	25.9	27.3	28.6	28.5	26.0	26.8	28.5
2740	Non-participating	32.7	31.9	33.0	32.9	34.5	31.6	32.5	34.5
2741	Non-participating	33.1	32.3	33.3	33.3	34.8	32.0	32.8	34.8
2742	Non-participating	31.9	31.2	32.2	32.3	33.6	30.9	31.6	33.6
2743	Non-participating	33.7	32.9	34.0	34.0	35.4	32.9	33.2	35.4
2744	Non-participating	31.7	30.9	32.0	31.9	33.5	30.6	30.9	45.9
2745	Non-participating	33.1	32.2	33.3	33.2	34.8	31.9	32.5	35.4
2746	Non-participating	31.3	30.5	31.5	31.5	33.0	30.2	30.5	43.7
2747	Non-participating	34.0	33.2	34.4	34.3	35.8	33.2	34.0	35.8
2748	Non-participating	30.8	30.0	31.0	31.0	32.6	29.6	30.1	36.8
2749	Non-participating	31.9	31.0	32.1	32.0	33.6	30.7	31.6	33.6
2750	Non-participating	31.6	30.8	31.9	31.8	33.3	30.5	30.8	43.8
2751	Non-participating	31.1	30.3	31.4	31.3	32.9	30.0	30.3	43.5
2752	Non-participating	31.5	30.7	31.7	31.7	33.3	30.3	30.8	36.6
2753	Non-participating	35.2	34.4	35.4	35.4	36.9	34.1	34.7	37.1
2754	Non-participating	27.1	26.2	27.2	27.1	28.9	25.8	26.6	28.9
2755	Non-participating	32.5	31.7	32.7	32.7	34.2	31.3	31.8	37.2
2756	Non-participating	34.9	34.1	35.2	35.2	36.6	33.9	34.6	36.9
2757	Non-participating	32.9	32.1	33.2	33.2	34.6	31.9	32.6	34.6
2758	Non-participating	34.9	34.1	35.2	35.1	36.6	33.8	34.7	36.6
2759	Non-participating	35.7	34.9	36.0	35.9	37.4	34.7	35.2	38.1
2760	Non-participating	30.7	29.9	30.9	31.2	32.2	29.4	30.2	32.2
2761	Non-participating	34.9	34.2	35.3	35.3	36.7	34.2	34.9	36.7
2762	Non-participating	28.7	27.9	28.9	28.9	30.3	27.5	28.2	30.3
2763	Non-participating	35.0	34.2	35.3	35.3	36.7	34.0	34.6	37.0
2764	Non-participating	31.4	30.6	31.6	31.6	33.1	30.3	30.6	43.5
2765	Non-participating	34.5	33.7	34.7	34.7	36.2	33.4	33.9	36.8
2766	Non-participating	30.7	29.9	30.9	30.8	32.5	29.5	30.4	32.5
2767	Non-participating	32.2	31.4	32.5	32.6	33.9	31.3	32.0	33.9
2768	Non-participating	27.4	26.6	27.6	27.5	29.2	26.2	27.0	29.2
2769	Non-participating	33.6	32.8	33.9	33.9	35.3	32.6	33.4	35.3
2770	Non-participating	32.4	31.6	32.7	32.6	34.2	31.3	32.2	34.6
2771	Non-participating	33.5	32.7	33.7	33.7	35.2	32.4	33.3	35.2
2772	Non-participating	33.3	32.5	33.6	33.6	35.1	32.2	32.8	36.5

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)
2773	Non-participating	33.0	32.1	33.2	33.1	34.7	31.8	32.6	35.1
2774	Non-participating	28.4	27.6	28.5	28.5	30.2	27.0	27.9	30.2
2775	Non-participating	30.1	29.3	30.4	30.4	31.8	29.1	29.7	31.8
2776	Non-participating	32.5	31.8	32.8	32.8	34.3	31.5	32.4	34.3
2777	Non-participating	34.4	33.6	34.7	34.7	36.2	33.5	34.4	36.2
2778	Non-participating	34.7	33.9	35.0	35.0	36.4	33.6	34.2	36.6
2779	Non-participating	34.6	33.8	34.9	34.9	36.4	33.6	34.1	36.9
2780	Non-participating	32.8	32.0	33.0	32.9	34.5	31.5	32.3	34.7
2781	Non-participating	32.4	31.6	32.6	32.6	34.1	31.3	32.2	34.1
2782	Non-participating	31.3	30.5	31.5	31.5	33.0	30.2	30.4	44.0
2783	Non-participating	34.1	33.3	34.4	34.3	35.8	33.2	33.4	47.0
2784	Non-participating	29.8	29.0	30.0	29.9	31.6	28.6	29.1	35.2
2785	Non-participating	28.2	27.4	28.4	28.4	30.1	27.0	27.6	32.9
2786	Non-participating	29.9	29.1	30.1	30.4	31.6	28.8	29.1	45.7
2787	Non-participating	29.6	28.8	29.8	29.7	31.4	28.4	29.2	31.4
2788	Non-participating	33.5	32.7	33.9	33.9	35.3	32.6	33.2	35.7
2789	Non-participating	34.9	34.1	35.2	35.2	36.7	33.9	34.4	37.8
2790	Non-participating	31.7	30.9	31.9	31.9	33.5	30.5	31.1	35.8
2791	Non-participating	30.3	29.5	30.5	30.4	32.1	29.1	30.0	32.1
2792	Non-participating	30.9	30.1	31.1	31.0	32.6	29.8	30.3	32.6
2793	Non-participating	25.7	24.8	25.9	25.9	27.5	24.4	25.0	29.7
2794	Non-participating	30.1	29.2	30.3	30.2	31.9	28.9	29.8	32.6
2795	Non-participating	32.4	31.6	32.6	32.5	34.1	31.2	32.1	34.1
2796	Non-participating	28.4	27.6	28.7	28.6	30.3	27.3	27.8	33.1
2797	Non-participating	31.0	30.2	31.2	31.1	32.8	29.7	30.3	35.9
2798	Non-participating	28.1	27.3	28.3	28.3	29.9	27.0	27.8	29.9
2799	Non-participating	34.0	33.2	34.3	34.2	35.8	33.0	33.5	36.4
2800	Non-participating	32.9	32.1	33.1	33.0	34.6	31.7	32.6	34.6
2801	Non-participating	33.0	32.2	33.2	33.2	34.7	32.0	32.7	34.7
2802	Non-participating	30.9	30.1	31.1	31.1	32.5	29.6	30.5	32.5
2803	Non-participating	30.9	30.1	31.1	31.0	32.6	29.7	30.6	32.6
2804	Non-participating	27.7	26.8	27.8	27.7	29.5	26.4	27.3	29.5
2805	Non-participating	31.2	30.4	31.4	31.3	33.0	30.0	30.9	33.0
2806	Non-participating	31.2	30.3	31.4	31.3	32.9	30.0	30.7	32.9
2807	Non-participating	33.1	32.3	33.4	33.3	34.8	32.1	32.4	44.8
2808	Non-participating	29.2	28.3	29.4	29.4	31.0	28.1	28.6	33.3
2809	Non-participating	34.7	33.9	34.9	34.8	36.4	33.5	34.3	36.6
2810	Non-participating	34.2	33.5	34.4	34.6	35.9	33.1	34.0	35.9
2811	Non-participating	32.9	32.0	33.1	33.0	34.6	31.7	32.3	35.7
2812	Non-participating	28.1	27.3	28.3	28.4	29.8	26.9	27.6	29.8
2813	Non-participating	29.3	28.5	29.5	29.6	31.0	28.2	28.8	31.0
2814	Non-participating	30.7	29.9	30.9	30.8	32.5	29.5	30.0	36.6

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)
2815	Non-participating	31.3	30.5	31.5	31.5	33.0	30.2	30.5	43.7
2816	Non-participating	29.0	28.2	29.2	29.1	30.8	27.8	28.6	30.8
2817	Non-participating	36.9	36.1	37.3	37.2	38.7	36.1	36.5	39.2
2818	Non-participating	29.0	28.2	29.2	29.3	30.7	27.6	28.4	30.7
2819	Non-participating	29.8	29.0	30.0	29.9	31.5	28.6	29.4	31.5
2820	Non-participating	37.2	36.4	37.6	37.5	38.9	36.4	37.1	38.9
2821	Non-participating	27.1	26.3	27.3	27.2	29.1	25.9	26.6	29.3
2822	Non-participating	31.1	30.2	31.2	31.2	32.8	29.8	30.3	36.6
2823	Non-participating	31.2	30.4	31.4	31.4	32.9	30.0	30.9	32.9
2824	Non-participating	28.7	27.8	28.9	28.8	30.4	27.4	28.2	30.4
2825	Non-participating	31.7	30.9	31.9	31.8	33.4	30.5	31.0	36.2
2826	Non-participating	34.8	34.0	35.0	34.9	36.5	33.6	34.4	36.6
2827	Non-participating	31.2	30.4	31.4	31.4	33.0	30.0	30.5	35.9
2828	Non-participating	35.1	34.3	35.4	35.3	36.8	34.1	34.6	37.2
2829	Non-participating	28.5	27.7	28.7	28.5	30.3	27.2	27.9	31.0
2830	Non-participating	30.7	29.8	30.9	30.8	32.4	29.5	30.3	32.4
2831	Non-participating	30.1	29.3	30.3	30.3	31.9	28.9	29.8	31.9
2832	Non-participating	29.7	28.9	29.9	29.8	31.5	28.5	29.4	31.5
2833	Non-participating	30.4	29.5	30.6	30.5	32.1	29.2	30.1	32.2
2834	Non-participating	34.9	34.2	35.1	35.0	36.5	33.7	34.6	36.5
2835	Non-participating	34.7	33.9	35.0	35.0	36.5	33.8	34.6	36.7
2836	Non-participating	31.1	30.3	31.3	31.4	32.8	29.8	30.6	32.9
2837	Non-participating	28.6	27.7	28.8	28.8	30.5	27.4	27.9	33.2
2838	Non-participating	31.6	30.8	31.9	31.8	33.4	30.5	31.5	33.7
2839	Non-participating	31.5	30.7	31.7	31.7	33.3	30.3	30.8	35.7
2840	Non-participating	29.3	28.6	29.6	30.5	30.9	28.3	29.0	30.9
2841	Non-participating	30.3	29.5	30.5	30.5	31.9	29.0	29.9	31.9
2842	Non-participating	32.2	31.4	32.5	32.5	33.9	31.2	32.0	33.9
2843	Non-participating	31.6	30.8	31.9	31.8	33.3	30.5	30.8	43.9
2844	Non-participating	36.1	35.3	36.4	36.4	37.9	35.2	35.7	38.2
2845	Non-participating	33.8	33.0	34.1	34.1	35.4	32.9	33.6	35.4
2846	Non-participating	30.1	29.3	30.3	30.3	31.8	29.0	29.9	31.8
2847	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	30.8	33.2
2848	Non-participating	35.0	34.2	35.4	35.3	36.8	34.1	35.0	37.0
2849	Non-participating	31.6	30.8	31.9	31.8	33.3	30.5	30.8	45.9
2850	Non-participating	36.2	35.4	36.4	36.3	37.8	35.2	35.7	37.9
2851	Non-participating	32.9	32.1	33.1	33.2	34.6	31.7	32.2	37.3
2852	Non-participating	28.3	27.5	28.5	28.4	30.1	27.0	27.8	30.1
2853	Non-participating	29.1	28.3	29.3	29.3	30.8	28.0	28.5	30.8
2854	Non-participating	29.4	28.6	29.6	29.6	31.2	28.2	28.9	31.2
2855	Non-participating	31.9	31.1	32.1	32.1	33.7	30.8	31.7	33.7
2856	Non-participating	31.7	30.9	32.0	31.9	33.4	30.7	31.1	33.4

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)
2857	Non-participating	34.9	34.1	35.1	35.0	36.5	33.7	34.5	36.7
2858	Non-participating	32.3	31.5	32.5	32.5	34.0	31.1	32.0	34.0
2859	Non-participating	28.2	27.3	28.4	28.4	30.0	27.0	27.5	32.8
2860	Non-participating	34.7	33.9	35.1	35.1	36.4	33.9	34.5	36.4
2861	Non-participating	34.3	33.5	34.5	34.5	35.9	33.1	33.9	35.9
2862	Non-participating	33.8	33.0	34.1	34.0	35.5	32.8	33.7	35.5
2863	Non-participating	34.0	33.2	34.3	34.3	35.8	33.0	33.5	38.3
2864	Non-participating	32.3	31.5	32.6	32.5	34.1	31.2	32.0	34.1
2865	Non-participating	34.0	33.2	34.4	34.3	35.7	33.2	34.0	35.7
2866	Non-participating	31.5	30.7	31.7	31.6	33.2	30.3	31.1	33.2
2867	Non-participating	28.5	27.6	28.6	28.4	30.3	27.1	28.0	30.3
2868	Non-participating	33.3	32.5	33.5	33.4	35.0	32.1	32.7	35.8
2869	Non-participating	31.8	31.0	32.0	31.9	33.6	30.6	31.6	33.6
2870	Non-participating	31.3	30.5	31.6	31.6	33.1	30.2	31.2	33.1
2871	Non-participating	27.5	26.7	27.7	27.7	29.3	26.3	26.9	32.5
2872	Non-participating	29.6	28.8	29.7	29.7	31.2	28.1	29.1	31.2
2873	Non-participating	31.9	31.1	32.1	32.2	33.7	30.7	31.2	38.1
2874	Non-participating	33.0	32.2	33.2	33.2	34.7	31.8	32.3	38.2
2875	Non-participating	31.2	30.4	31.4	31.4	33.0	30.0	30.9	33.0
2876	Non-participating	32.9	32.1	33.2	33.2	34.6	32.0	32.7	34.6
2877	Non-participating	36.0	35.2	36.3	36.2	37.7	35.0	35.5	38.0
2878	Non-participating	31.6	30.7	31.8	31.7	33.3	30.5	30.7	45.7
2879	Non-participating	31.8	31.0	32.0	32.0	33.6	30.6	31.2	36.0
2880	Non-participating	36.4	35.6	36.7	36.7	38.1	35.5	36.0	38.6
2881	Non-participating	31.6	30.7	31.8	31.7	33.3	30.3	30.9	35.4
2882	Non-participating	31.3	30.6	31.5	31.5	33.0	30.1	30.9	33.0
2883	Non-participating	31.7	30.9	31.9	32.2	33.3	30.5	31.3	33.3
2884	Non-participating	32.4	31.6	32.7	32.7	34.1	31.3	32.1	34.1
2885	Non-participating	30.7	29.9	30.9	30.9	32.4	29.6	30.1	32.4
2886	Non-participating	31.9	31.1	32.2	32.1	33.7	30.8	31.7	33.7
2887	Non-participating	28.0	27.2	28.7	28.7	29.5	27.2	27.7	29.5
2888	Non-participating	31.3	30.5	31.5	31.5	33.0	30.2	30.4	43.8
2889	Non-participating	31.9	31.1	32.2	32.1	33.7	30.9	31.2	34.6
2890	Non-participating	36.2	35.4	36.4	36.3	37.8	35.1	35.7	37.9
2891	Non-participating	34.7	33.9	35.0	35.0	36.4	33.7	34.2	37.3
2892	Non-participating	32.5	31.7	32.7	32.6	34.2	31.3	32.2	34.2
2893	Non-participating	31.1	30.3	31.4	31.7	32.8	30.2	30.9	32.8
2894	Non-participating	32.5	31.7	32.8	32.8	34.2	31.6	31.9	34.2
2895	Non-participating	31.1	30.3	31.4	31.3	32.9	30.0	30.3	43.4
2896	Non-participating	30.5	29.7	30.8	30.9	32.3	29.4	30.0	33.6
2897	Non-participating	34.9	34.1	35.1	35.1	36.6	33.7	34.4	36.8
2898	Non-participating	31.2	30.4	31.4	31.4	33.0	30.0	30.5	36.3

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)
2899	Non-participating	35.9	35.1	36.2	36.2	37.6	35.0	35.9	37.6
2900	Non-participating	27.7	26.9	27.9	27.9	29.4	26.5	27.4	29.4
2901	Non-participating	25.0	24.1	25.2	25.1	27.0	23.8	24.4	28.7
2902	Non-participating	33.7	32.9	34.0	34.0	35.4	32.7	33.0	45.6
2903	Non-participating	30.2	29.4	30.6	30.7	32.0	29.2	29.5	45.7
2904	Non-participating	28.4	27.6	28.7	28.5	30.2	27.2	27.8	31.6
2905	Non-participating	31.4	30.6	31.6	31.5	33.1	30.1	30.7	36.7
2906	Non-participating	32.3	31.5	32.5	32.6	34.0	31.1	31.6	36.8
2907	Non-participating	30.6	29.8	30.8	30.7	32.4	29.3	29.8	36.4
2908	Non-participating	31.5	30.7	31.8	31.7	33.2	30.4	30.7	45.3
2909	Non-participating	31.4	30.6	31.6	31.6	33.1	30.3	30.6	43.5
2910	Non-participating	33.4	32.6	33.6	33.6	35.2	32.3	32.9	35.8
2911	Non-participating	32.4	31.6	32.6	32.6	34.1	31.3	32.2	34.1
2912	Non-participating	31.0	30.2	31.2	31.1	32.8	29.8	30.3	35.7
2913	Non-participating	31.3	30.5	31.5	31.5	33.0	30.2	30.9	33.0
2914	Non-participating	33.6	32.8	33.9	33.9	35.3	32.6	33.4	35.3
2915	Non-participating	33.1	32.3	33.4	33.3	34.9	32.1	33.0	34.9
2916	Non-participating	32.3	31.5	32.5	32.5	34.0	31.2	32.0	34.0
2917	Non-participating	31.4	30.6	31.7	31.7	33.1	30.3	31.2	33.1
2918	Non-participating	31.3	30.5	31.5	31.5	33.0	30.2	30.5	44.0
2919	Non-participating	35.3	34.6	35.5	35.4	36.9	34.2	34.9	37.1
2920	Non-participating	33.0	32.2	33.2	33.2	34.7	31.9	32.4	38.6
2921	Non-participating	30.3	29.4	30.4	30.3	32.0	28.9	29.7	32.0
2922	Non-participating	31.9	31.1	32.1	32.1	33.7	30.8	31.6	34.2
2923	Non-participating	35.0	34.2	35.3	35.3	36.7	34.1	35.0	36.7
2924	Non-participating	33.5	32.7	33.8	33.8	35.2	32.5	33.4	35.2
2925	Non-participating	29.5	28.7	29.7	29.6	31.3	28.2	28.7	33.4
2926	Non-participating	33.3	32.5	33.5	33.4	35.1	32.2	32.7	35.8
2927	Non-participating	25.9	25.0	26.0	25.9	27.8	24.6	25.2	29.1
2928	Non-participating	24.0	23.1	24.2	24.0	26.0	22.8	23.4	28.4
2929	Non-participating	32.0	31.2	32.3	32.2	33.7	30.9	31.8	33.7
2930	Non-participating	31.0	30.1	31.1	31.1	32.7	29.7	30.2	36.0
2931	Non-participating	31.3	30.5	31.5	31.5	33.1	30.1	30.6	36.0
2932	Non-participating	30.8	30.0	31.0	30.9	32.6	29.6	30.1	36.5
2933	Non-participating	34.5	33.7	34.7	34.7	36.1	33.3	34.2	36.1
2934	Non-participating	32.1	31.3	32.3	32.3	33.7	30.9	31.3	40.7
2935	Non-participating	31.9	31.1	32.2	32.3	33.7	30.9	31.8	33.7
2936	Non-participating	32.8	32.1	33.1	33.1	34.5	31.8	32.6	34.5
2937	Non-participating	30.6	29.8	30.8	30.8	32.3	29.5	29.9	32.3
2938	Non-participating	35.3	34.5	35.5	35.5	37.0	34.2	34.8	37.2
2939	Non-participating	31.2	30.4	31.5	31.5	32.9	30.1	30.4	43.7
2940	Non-participating	31.8	31.0	32.0	32.0	33.5	30.7	31.0	44.2

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)
2941	Non-participating	32.7	31.8	32.9	32.9	34.4	31.5	32.0	37.5
2942	Non-participating	31.7	30.8	31.9	31.8	33.4	30.4	31.0	36.5
2943	Non-participating	33.2	32.4	33.4	33.3	35.0	32.0	32.6	35.8
2944	Non-participating	30.7	29.9	30.9	30.9	32.4	29.6	30.3	32.4
2945	Non-participating	35.1	34.4	35.3	35.2	36.7	34.0	34.7	36.8
2946	Non-participating	30.5	29.6	30.7	30.6	32.3	29.3	30.1	33.0
2947	Non-participating	32.7	31.9	32.9	32.9	34.4	31.5	32.5	34.4
2948	Non-participating	32.0	31.2	32.2	32.1	33.8	30.8	31.8	33.8
2949	Non-participating	31.5	30.7	31.7	31.7	33.1	30.2	31.2	33.1
2950	Non-participating	33.9	33.1	34.2	34.2	35.6	32.8	33.4	36.9
2951	Non-participating	33.6	32.8	33.8	33.7	35.3	32.5	33.3	35.7
2952	Non-participating	31.4	30.6	31.6	31.6	33.1	30.2	30.6	38.1
2953	Non-participating	31.3	30.5	31.5	31.4	33.0	30.0	30.5	37.0
2954	Non-participating	35.0	34.2	35.3	35.2	36.7	34.0	34.6	36.9
2955	Non-participating	31.7	30.9	32.0	31.9	33.5	30.6	30.9	44.1
2956	Non-participating	31.7	30.9	31.9	31.8	33.4	30.5	31.0	35.6
2957	Non-participating	31.0	30.1	31.1	31.1	32.7	29.7	30.2	36.6
2958	Non-participating	34.8	34.1	35.1	35.1	36.6	33.9	34.5	36.8
2959	Non-participating	31.6	30.8	31.8	31.8	33.3	30.4	31.3	33.3
2960	Non-participating	31.1	30.3	31.3	31.3	32.8	30.0	30.2	43.8
2961	Non-participating	35.0	34.3	35.2	35.1	36.6	33.9	34.6	36.7
2962	Non-participating	35.6	34.8	35.9	35.8	37.3	34.6	35.1	38.1
2963	Non-participating	32.1	31.2	32.3	32.2	33.8	30.8	31.6	34.4
2964	Non-participating	34.1	33.3	34.5	34.5	35.9	33.3	34.1	35.9
2965	Non-participating	31.3	30.5	31.5	31.5	33.0	30.0	30.6	35.9
2966	Non-participating	30.8	30.0	31.1	31.0	32.6	29.7	30.0	43.1
2967	Non-participating	32.1	31.3	32.3	32.3	33.8	31.0	31.3	44.5
2968	Non-participating	35.0	34.2	35.2	35.2	36.6	33.8	34.7	36.7
2969	Non-participating	35.1	34.3	35.3	35.2	36.8	33.9	34.6	37.0
2970	Non-participating	32.4	31.6	32.7	32.8	34.1	31.3	31.9	34.1
2971	Non-participating	32.5	31.7	32.8	32.9	34.2	31.4	32.2	34.2
2972	Non-participating	35.8	35.0	36.1	36.1	37.5	34.8	35.7	37.5
2973	Non-participating	31.8	31.0	32.0	32.0	33.5	30.7	31.0	44.0
2974	Non-participating	37.3	36.6	37.6	37.6	38.9	36.4	37.0	39.0
2975	Non-participating	34.0	33.2	34.3	34.2	35.7	33.0	33.8	35.7
2976	Non-participating	33.2	32.4	33.4	33.4	34.9	32.2	32.9	34.9
2977	Non-participating	31.5	30.7	31.7	31.7	33.2	30.4	31.2	33.2
2978	Non-participating	33.0	32.2	33.3	33.3	34.7	32.1	32.8	34.7
2979	Non-participating	28.4	27.6	28.6	28.6	30.2	27.2	28.1	30.2
2980	Non-participating	34.6	33.8	35.0	34.9	36.3	33.8	34.4	36.3
2981	Non-participating	28.1	27.2	28.4	28.5	29.9	27.0	27.4	32.7
2982	Non-participating	33.3	32.5	33.6	33.6	35.1	32.4	33.0	36.5

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)
2983	Non-participating	31.6	30.7	31.7	31.8	33.3	30.4	30.8	35.9
2984	Non-participating	32.1	31.3	32.3	32.3	33.8	31.0	31.9	33.8
2985	Non-participating	31.2	30.4	31.5	31.4	33.0	30.2	30.9	33.0
2986	Non-participating	28.7	27.9	29.0	28.9	30.5	27.5	28.3	30.5
2987	Non-participating	27.9	27.1	28.1	28.0	29.7	26.7	27.3	29.7
2988	Non-participating	32.4	31.5	32.6	32.6	34.1	31.3	32.2	34.1
2989	Non-participating	35.1	34.4	35.3	35.2	36.7	34.0	34.7	36.8
2990	Non-participating	34.3	33.5	34.6	34.6	36.0	33.4	34.0	36.1
2991	Non-participating	28.4	27.6	28.7	28.7	30.3	27.1	27.8	32.3
2992	Non-participating	35.1	34.3	35.4	35.3	36.8	34.1	34.8	37.0
2993	Non-participating	29.1	28.2	29.3	29.2	30.9	27.9	28.5	33.2
2994	Non-participating	31.5	30.7	31.7	31.6	33.2	30.3	30.8	36.2
2995	Non-participating	30.8	29.9	30.9	30.9	32.5	29.5	30.0	36.4
2996	Non-participating	30.7	29.9	30.9	30.9	32.4	29.6	29.8	43.1
2997	Non-participating	34.2	33.4	34.4	34.5	35.9	33.1	33.6	37.3
2998	Non-participating	34.0	33.2	34.3	34.3	35.7	33.1	33.8	35.7
2999	Non-participating	27.2	26.4	27.4	27.2	29.0	25.9	26.7	29.0
3000	Non-participating	28.5	27.7	28.7	28.6	30.3	27.3	28.0	30.3
3001	Non-participating	27.3	26.4	27.4	27.3	29.1	25.9	26.6	30.0
3002	Non-participating	32.0	31.2	32.2	32.1	33.7	30.8	31.7	33.7
3003	Non-participating	32.1	31.3	32.3	32.4	33.8	31.0	31.9	33.8
3004	Non-participating	29.2	28.4	29.3	29.6	30.7	27.8	28.7	30.7
3005	Non-participating	34.9	34.1	35.0	35.0	36.5	33.7	34.5	36.7
3006	Non-participating	29.8	29.0	30.0	29.9	31.6	28.6	29.6	31.6
3007	Non-participating	35.3	34.5	35.6	35.6	37.0	34.4	35.3	37.0
3008	Non-participating	32.1	31.3	32.4	32.4	33.9	30.9	31.5	36.6
3009	Non-participating	31.6	30.8	31.8	31.7	33.4	30.4	30.9	36.4
3010	Non-participating	26.9	26.1	27.3	27.7	28.9	25.8	26.7	28.9
3011	Non-participating	32.5	31.7	32.8	32.7	34.3	31.5	32.3	34.3
3012	Non-participating	31.3	30.5	31.5	31.5	33.0	30.2	30.5	43.8
3013	Non-participating	34.6	33.8	34.8	34.7	36.3	33.4	34.2	36.4
3014	Non-participating	33.3	32.5	33.6	33.5	35.1	32.2	32.7	35.9
3015	Non-participating	31.3	30.5	31.4	31.3	33.0	30.0	31.0	33.0
3016	Non-participating	31.4	30.6	31.6	31.6	33.1	30.2	31.1	33.1
3017	Non-participating	31.3	30.5	31.5	31.5	33.0	30.2	30.4	43.7
3018	Non-participating	30.9	30.1	31.0	31.9	32.4	29.5	30.4	32.4
3019	Non-participating	31.4	30.6	31.6	31.6	33.1	30.3	31.2	33.2
3020	Non-participating	34.6	33.8	34.9	34.9	36.3	33.6	34.5	36.3
3021	Non-participating	35.3	34.5	35.7	35.6	37.0	34.5	35.3	37.0
3022	Non-participating	35.3	34.5	35.7	35.7	37.1	34.6	35.3	37.1
3023	Non-participating	29.7	28.9	29.9	29.9	31.4	28.6	29.1	31.4
3024	Non-participating	30.1	29.3	30.3	30.2	31.8	28.9	29.5	31.8

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)
3025	Non-participating	29.3	28.5	29.5	29.4	31.1	28.1	29.0	31.1
3026	Non-participating	33.6	32.8	33.8	33.8	35.3	32.6	32.8	44.7
3027	Non-participating	30.2	29.4	30.4	30.3	31.9	29.0	29.3	44.9
3028	Non-participating	34.7	33.9	34.9	34.8	36.4	33.5	34.2	36.5
3029	Non-participating	28.5	27.6	28.7	28.6	30.3	27.3	27.8	33.2
3030	Non-participating	28.6	27.7	28.8	28.8	30.4	27.4	28.0	33.1
3031	Non-participating	29.6	28.8	29.8	29.8	31.4	28.5	29.1	33.5
3032	Non-participating	31.7	30.9	31.9	31.9	33.5	30.5	31.0	36.4
3033	Non-participating	31.2	30.3	31.3	31.3	32.9	29.8	30.8	32.9
3034	Non-participating	29.5	28.7	29.8	29.8	31.2	28.4	29.2	31.2
3035	Non-participating	30.8	30.0	31.0	31.0	32.5	29.7	30.4	32.5
3036	Non-participating	28.9	28.1	29.0	28.9	30.7	27.5	28.5	30.7
3037	Non-participating	35.6	34.8	35.8	35.7	37.3	34.5	35.1	37.5
3038	Non-participating	28.5	27.6	28.6	28.4	30.3	27.1	28.0	30.3
3039	Non-participating	30.2	29.4	30.5	30.5	31.9	29.2	29.7	31.9
3040	Non-participating	24.1	23.2	24.3	24.1	26.1	22.9	23.4	28.3
3041	Non-participating	32.0	31.2	32.3	32.2	33.8	31.0	31.3	34.7
3042	Non-participating	33.2	32.4	33.4	33.4	34.9	32.1	33.0	34.9
3043	Non-participating	33.2	32.4	33.4	33.4	34.9	32.0	32.5	38.3
3044	Non-participating	33.1	32.3	33.3	33.3	34.8	32.0	32.9	34.8
3045	Non-participating	30.9	30.1	31.1	31.1	32.5	29.7	30.5	32.5
3046	Non-participating	30.6	29.8	30.9	30.8	32.3	29.5	30.2	32.3
3047	Non-participating	29.9	29.1	30.1	30.0	31.7	28.7	29.7	32.0
3048	Non-participating	29.4	28.6	29.6	29.5	31.2	28.2	29.1	31.2
3049	Non-participating	32.3	31.5	32.6	32.5	34.1	31.2	32.1	34.1
3050	Non-participating	29.6	28.8	29.8	29.8	31.4	28.4	28.9	31.4
3051	Non-participating	28.6	27.8	28.9	28.8	30.5	27.5	28.0	33.2
3052	Non-participating	30.3	29.5	30.6	30.5	32.1	29.2	29.8	33.8
3053	Non-participating	29.8	29.0	30.0	29.9	31.6	28.6	29.5	31.6
3054	Non-Participating	35.7	34.9	36.0	35.9	37.5	34.8	35.2	37.8
3055	Non-Participating	35.6	34.8	35.9	35.9	37.4	34.7	35.1	37.7
3056	Non-Participating	35.7	34.9	36.0	36.0	37.5	34.8	35.2	37.8
3057	Non-Participating	35.7	34.9	36.0	36.0	37.5	34.8	35.2	37.8
3058	Non-Participating	35.7	34.9	36.0	36.0	37.4	34.8	35.2	37.7
3059	Non-Participating	35.7	34.9	36.0	36.0	37.5	34.8	35.3	37.8
3060	Non-Participating	36.3	35.5	36.6	36.6	38.0	35.4	35.8	38.3
3061	Non-Participating	36.1	35.3	36.4	36.4	37.9	35.2	35.7	38.1
3062	Non-Participating	36.0	35.2	36.3	36.3	37.7	35.1	35.5	38.1
3063	Non-Participating	36.0	35.2	36.3	36.2	37.7	35.1	35.5	38.1
3064	Non-Participating	35.9	35.2	36.3	36.2	37.7	35.0	35.5	38.0
3065	Non-Participating	35.9	35.1	36.2	36.2	37.6	35.0	35.4	37.9
3066	Non-Participating	35.9	35.1	36.2	36.2	37.6	35.0	35.4	38.0

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)
3067	Non-Participating	36.1	35.3	36.4	36.3	37.8	35.1	35.6	38.1
3068	Non-Participating	35.9	35.1	36.2	36.2	37.6	35.0	35.4	38.0
3069	Non-Participating	35.6	34.8	35.9	35.9	37.4	34.7	35.1	37.7
3070	Non-Participating	35.7	34.9	36.0	35.9	37.4	34.7	35.2	37.8
3071	Non-Participating	35.7	34.9	36.0	35.9	37.4	34.7	35.2	37.8
3072	Non-Participating	36.6	35.8	37.0	36.9	38.4	35.8	36.2	38.6
3073	Non-Participating	35.9	35.2	36.2	36.2	37.7	35.0	35.5	37.9
3074	Non-Participating	35.6	34.8	35.8	35.8	37.3	34.6	35.1	37.7
3075	Non-Participating	35.5	34.7	35.8	35.8	37.2	34.5	35.0	37.6
3076	Non-Participating	35.5	34.7	35.8	35.7	37.2	34.5	35.0	37.6
3077	Non-Participating	35.4	34.6	35.7	35.7	37.2	34.5	34.9	37.6
3078	Non-Participating	35.4	34.6	35.7	35.6	37.1	34.4	34.9	37.5
3079	Non-Participating	35.3	34.5	35.6	35.6	37.1	34.4	34.8	37.5
3080	Non-Participating	35.3	34.5	35.6	35.5	37.0	34.3	34.8	37.5
3081	Non-Participating	35.7	34.9	36.0	36.0	37.5	34.8	35.3	37.9
3082	Non-Participating	35.8	35.0	36.1	36.1	37.6	34.9	35.4	38.0
3083	Non-Participating	35.8	35.0	36.1	36.1	37.6	34.9	35.4	38.0
3084	Non-Participating	35.5	34.7	35.8	35.8	37.3	34.6	35.0	37.7
3085	Non-Participating	35.6	34.8	35.9	35.9	37.4	34.7	35.2	37.8
3086	Non-Participating	35.7	34.9	36.0	35.9	37.4	34.7	35.2	37.8
3087	Non-Participating	35.0	34.2	35.2	35.2	36.7	33.9	34.4	37.2
3088	Non-Participating	34.6	33.8	34.9	34.9	36.4	33.6	34.1	36.9
3089	Non-Participating	34.9	34.1	35.1	35.1	36.6	33.9	34.4	37.1
3090	Non-Participating	34.7	33.9	35.0	34.9	36.5	33.7	34.2	37.0
3091	Non-Participating	34.7	33.9	35.0	34.9	36.5	33.7	34.2	37.0
3092	Non-Participating	34.6	33.8	34.9	34.8	36.4	33.6	34.1	36.9
3093	Non-Participating	34.5	33.7	34.7	34.7	36.2	33.4	33.9	36.8
3094	Non-Participating	34.4	33.6	34.6	34.5	36.1	33.3	33.8	36.7
3095	Non-Participating	34.3	33.4	34.5	34.4	36.0	33.2	33.7	36.7
3096	Non-Participating	34.8	34.0	35.1	35.0	36.5	33.8	34.3	37.1
3097	Church	37.7	36.9	38.1	38.1	39.5	37.0	37.4	39.9
3098	Non-Participating	37.4	36.6	37.8	37.8	39.2	36.6	37.1	39.6
3099	Church	37.4	36.7	37.7	37.6	39.0	36.5	37.1	39.0
3100	Non-Participating	36.7	35.9	37.0	36.9	38.4	35.7	36.6	38.5
3101	Non-Participating	36.4	35.6	36.7	36.6	38.1	35.4	36.3	38.2
3102	Non-Participating	36.7	35.9	37.0	37.0	38.4	35.7	36.6	38.5
3103	Non-Participating	36.7	35.9	37.0	36.9	38.4	35.7	36.6	38.5
3104	Non-Participating	36.9	36.1	37.2	37.2	38.6	35.9	36.8	38.7
3105	Non-Participating	36.4	35.6	36.7	36.7	38.2	35.5	36.4	38.3
3106	Non-Participating	36.3	35.5	36.7	36.6	38.1	35.5	36.3	38.2
3107	Non-Participating	35.9	35.1	36.3	36.2	37.7	35.0	35.9	37.8
3108	Non-Participating	34.2	33.4	34.4	34.4	35.9	33.2	34.0	36.2

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)
3109	Non-Participating	34.2	33.4	34.5	34.5	36.0	33.3	34.1	36.3
3110	Non-Participating	34.1	33.3	34.3	34.3	35.8	33.1	33.9	36.1
3111	Non-Participating	33.9	33.1	34.2	34.2	35.7	32.9	33.8	36.0
3112	Non-Participating	33.8	33.0	34.1	34.1	35.6	32.9	33.7	35.9
3113	Non-Participating	33.8	33.0	34.1	34.0	35.5	32.8	33.6	35.8
3114	Non-Participating	33.7	32.9	34.0	33.9	35.4	32.7	33.5	35.7
3115	Non-Participating	33.6	32.8	33.8	33.8	35.3	32.6	33.4	35.6
3116	Non-Participating	33.5	32.6	33.7	33.6	35.2	32.4	33.3	35.5
3117	Non-Participating	32.9	32.1	33.2	33.1	34.7	31.9	32.8	35.0
3118	Non-Participating	33.2	32.4	33.5	33.4	35.0	32.2	33.0	35.3
3119	Non-Participating	33.3	32.5	33.6	33.5	35.1	32.3	33.2	35.4
3120	Non-Participating	33.5	32.7	33.8	33.7	35.2	32.5	33.3	35.5
3121	School	32.3	31.5	32.6	32.6	34.1	31.2	32.1	34.6
3122	Non-Participating	36.3	35.5	36.7	36.6	38.1	35.6	36.4	38.2
3123	Non-Participating	36.6	35.8	37.0	37.0	38.4	35.9	36.7	38.5
3124	Non-Participating	35.3	34.5	35.7	35.6	37.1	34.5	35.4	37.2
3125	Non-Participating	35.3	34.5	35.6	35.6	37.0	34.5	35.3	37.2
3126	Non-Participating	35.1	34.3	35.5	35.4	36.9	34.3	35.1	37.1
3127	Non-Participating	35.0	34.2	35.3	35.3	36.7	34.1	35.0	36.9
3128	Non-Participating	34.8	34.0	35.1	35.1	36.6	34.0	34.8	36.8
3129	Non-Participating	34.7	33.9	35.0	34.9	36.4	33.8	34.7	36.6
3130	Non-Participating	34.5	33.7	34.8	34.8	36.3	33.6	34.5	36.5
3131	Non-Participating	34.3	33.5	34.6	34.6	36.1	33.4	34.3	36.3
3132	Non-Participating	34.2	33.4	34.5	34.4	35.9	33.2	34.1	36.2
3133	Non-Participating	34.0	33.2	34.3	34.3	35.8	33.1	34.0	36.0
3134	Non-Participating	33.9	33.1	34.2	34.1	35.7	33.0	33.8	35.9
3135	Non-Participating	33.8	33.0	34.1	34.0	35.5	32.8	33.7	35.8
3136	Non-Participating	33.7	32.9	33.9	33.9	35.4	32.7	33.5	35.7
3137	Non-Participating	38.5	37.7	39.0	39.0	40.4	38.0	38.8	40.4
3138	Non-Participating	37.4	36.6	37.9	37.8	39.2	36.9	37.6	39.3
3139	Non-Participating	36.6	35.8	37.0	37.0	38.4	35.9	36.7	38.4
3140	Non-Participating	36.4	35.6	36.8	36.7	38.1	35.7	36.5	38.2
3141	Non-Participating	36.3	35.5	36.7	36.6	38.0	35.6	36.4	38.1
3142	Non-Participating	35.8	35.0	36.1	36.1	37.5	35.0	35.8	37.5
3143	Non-Participating	33.9	33.1	34.2	34.2	35.6	32.9	33.8	35.6
3144	Non-Participating	34.2	33.4	34.5	34.5	35.9	33.2	34.1	35.9
3145	Non-Participating	34.2	33.4	34.5	34.5	35.9	33.2	34.2	35.9
3146	Church	41.6	40.8	42.2	42.1	43.5	41.3	42.0	43.5
3147	Non-Participating	40.3	39.5	40.8	40.8	42.2	39.8	40.6	42.2
3148	Church	35.4	34.6	35.7	35.7	37.1	34.4	35.1	37.1
3149	Non-Participating	36.1	35.4	36.6	36.6	37.9	35.5	36.1	37.9
3150	Church	32.9	32.1	33.2	33.2	34.6	32.0	32.4	34.6

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)
3151	Non-participating	35.5	34.7	35.7	35.7	37.2	34.5	35.0	37.7
3152	Non-participating	36.0	35.3	36.5	36.5	37.8	35.4	35.8	37.8
3153	Non-participating	35.9	35.1	36.3	36.3	37.7	35.2	35.7	37.7
3154	Non-participating	35.5	34.7	35.8	35.8	37.2	34.6	35.3	37.2
3155	Non-participating	35.3	34.5	35.6	35.6	37.0	34.4	35.1	37.0
3156	Non-participating	34.9	34.1	35.2	35.2	36.6	34.0	34.6	36.9
3157	Non-participating	40.5	40.0	40.8	40.8	41.8	40.1	40.5	41.8
3158	Non-participating	40.5	39.8	41.0	40.9	42.3	40.1	40.7	42.3
3159	Church	34.4	33.6	34.7	34.7	36.2	33.5	34.3	36.2
3160	Non-participating	35.2	34.4	35.5	35.4	36.9	34.2	34.7	37.4
3161	Non-participating	35.1	34.3	35.5	35.4	36.9	34.3	35.1	36.9
3162	Participating	35.1	34.3	35.4	35.4	36.9	34.2	35.0	36.9
3163	Non-participating	34.9	34.1	35.2	35.2	36.6	34.0	34.9	36.6
3164	Non-participating	35.5	34.7	35.8	35.8	37.2	34.6	34.9	39.7
3165	Non-participating	35.9	35.2	36.3	36.3	37.7	35.0	35.5	38.5
3166	Non-participating	36.0	35.2	36.3	36.3	37.7	35.1	35.6	38.5
3167	Non-participating	36.1	35.3	36.4	36.4	37.8	35.2	35.7	38.5
3168	Non-participating	36.3	35.6	36.7	36.6	38.1	35.5	35.9	38.7
3169	Non-participating	36.2	35.4	36.5	36.5	37.9	35.3	35.8	38.6
3170	Non-participating	36.1	35.3	36.5	36.4	37.9	35.2	35.7	38.5
3171	Non-participating	36.2	35.4	36.6	36.5	38.0	35.4	35.8	38.6
3172	Non-participating	36.5	35.7	36.8	36.8	38.2	35.6	36.1	38.8
3173	Non-participating	36.5	35.8	36.9	36.9	38.3	35.7	36.2	38.9
3174	Non-participating	36.8	36.0	37.1	37.1	38.5	36.0	36.4	39.1
3175	Participating	43.5	43.4	43.6	43.6	44.0	43.4	43.5	44.0
3176	Participating	44.6	44.5	44.7	44.6	44.9	44.5	44.6	44.9
3177	Non-participating	39.9	39.1	40.3	40.3	41.7	39.3	40.1	41.7
3178	Non-participating	36.3	35.5	36.6	36.5	38.0	35.3	36.2	38.1
3179	Non-participating	36.7	35.9	37.2	37.1	38.5	36.1	36.9	38.6
3180	Non-participating	35.2	34.4	35.5	35.5	36.9	34.3	35.2	36.9
3181	Non-participating	33.2	32.4	33.5	33.5	35.0	32.3	32.8	35.0
3182	Non-participating	32.7	31.9	33.0	33.0	34.5	31.8	32.2	34.5
3183	Non-participating	34.5	33.7	34.8	34.8	36.2	33.6	34.3	36.2
3184	Non-participating	34.1	33.3	34.4	34.4	35.8	33.2	33.9	35.8
3185	Non-participating	33.3	32.5	33.6	34.2	34.9	32.3	33.0	34.9
3186	Non-participating	35.0	34.2	35.3	35.3	36.7	34.2	34.8	36.7
3187	Non-participating	34.9	34.1	35.2	35.2	36.6	34.0	34.7	36.6
3188	Non-participating	35.7	34.9	36.1	36.1	37.5	35.0	35.6	37.5
3189	Non-participating	39.5	38.7	40.1	40.0	41.4	39.2	39.6	41.4
3190	Non-participating	38.8	38.1	39.4	39.4	40.7	38.5	39.0	40.7
3191	Non-participating	37.6	36.8	38.1	38.2	39.4	37.1	37.6	39.4
3192	Non-participating	38.6	37.8	39.1	39.1	40.4	38.1	38.6	40.4

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)
3193	Non-participating	38.2	37.4	38.7	38.6	40.0	37.7	38.2	40.0
3194	Non-participating	37.8	37.1	38.3	38.3	39.7	37.3	37.8	39.7
3195	Non-participating	36.5	35.7	36.9	37.0	38.2	35.8	36.4	38.2
3196	Non-participating	36.1	35.3	36.5	36.4	37.8	35.3	36.0	37.8
3197	Non-participating	36.1	35.3	36.5	36.5	37.9	35.4	36.0	37.9
3198	Non-participating	37.1	36.3	37.5	37.5	38.8	36.4	37.0	38.8
3199	Non-participating	36.4	35.6	36.9	36.9	38.2	35.8	36.4	38.2
3200	Non-participating	36.9	36.1	37.3	37.3	38.7	36.2	36.8	38.7
3201	Non-participating	35.9	35.1	36.3	36.3	37.6	35.1	35.8	37.6
3202	Non-participating	36.3	35.5	36.7	36.7	38.1	35.6	36.2	38.1
3203	Non-participating	32.8	32.1	33.4	34.8	34.6	32.3	32.8	34.6
3204	Non-participating	36.0	35.2	36.3	36.3	37.7	35.2	35.8	37.7
3205	Non-participating	36.5	35.7	36.9	36.9	38.3	35.8	36.4	38.3
3206	Non-participating	35.9	35.1	36.3	36.2	37.6	35.1	35.8	37.6
3207	Non-participating	35.9	35.1	36.2	36.2	37.6	35.1	35.7	37.6
3208	Non-participating	35.0	34.3	35.4	35.4	36.7	34.1	34.8	36.7
3209	Non-participating	35.7	34.9	36.1	36.1	37.5	34.9	35.6	37.5
3210	Non-participating	35.6	34.8	35.9	35.9	37.3	34.7	35.4	37.3
3211	Non-participating	35.9	35.1	36.2	36.2	37.6	35.0	35.7	37.6
3212	Participating	36.4	35.7	36.8	36.9	38.2	35.7	36.3	38.2
3213	Non-participating	36.5	35.7	36.9	36.9	38.2	35.8	36.4	38.2
3214	Non-participating	36.8	36.0	37.2	37.2	38.5	36.1	36.7	38.5
3215	Non-participating	35.6	34.8	36.0	35.9	37.3	34.8	35.5	37.3
3216	Non-participating	34.2	33.4	34.5	34.7	35.9	33.3	34.0	35.9
3217	Non-participating	34.5	33.7	34.8	34.9	36.2	33.5	34.2	36.2
3218	Non-participating	34.9	34.1	35.2	35.2	36.6	34.0	34.7	36.6
3219	Non-participating	34.6	33.9	35.0	35.2	36.3	34.0	34.5	36.3
3220	Non-participating	34.7	33.9	35.0	35.0	36.4	33.8	34.5	36.4
3221	Non-participating	34.0	33.2	34.3	34.4	35.6	33.1	33.7	35.6
3222	Non-participating	34.3	33.5	34.6	34.6	36.0	33.4	34.1	36.0
3223	Non-participating	34.6	33.8	34.9	35.0	36.3	33.6	34.4	36.3
3224	Non-participating	35.1	34.3	35.4	35.4	36.8	34.2	35.1	36.8
3225	Non-participating	34.2	33.4	34.5	34.5	35.9	33.3	34.1	35.9
3226	Non-participating	34.6	33.8	34.9	34.8	36.3	33.7	34.5	36.3
3227	Non-participating	36.7	35.9	37.0	37.0	38.4	35.8	36.4	38.4
3228	Non-participating	35.3	34.5	35.6	35.5	37.0	34.3	35.1	37.0
3229	Non-participating	35.7	35.0	36.2	36.2	37.5	35.1	35.7	37.5
3230	Non-participating	42.9	42.1	43.6	43.5	44.9	42.8	43.0	45.0
3231	Non-participating	37.8	37.0	38.2	38.1	39.6	37.1	37.4	39.8
3232	Non-participating	38.9	38.1	39.4	39.4	40.7	38.4	38.7	40.9
3233	Non-participating	38.8	38.1	39.2	39.2	40.4	38.2	38.8	40.4
3234	Participating	41.9	41.1	42.5	42.4	43.8	41.6	42.2	43.8

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)
3235	Non-participating	36.7	35.9	37.0	37.0	38.4	35.8	36.6	38.5
3236	Non-participating	38.2	37.4	38.7	38.7	40.1	37.8	38.0	40.1

Attachment 2

Coordination Efforts with USFWS

/s/ Christine M.T. Pirik

Christine M.T. Pirik (0029759)

(Counsel of Record)

Terrence O'Donnell (0074213)

William V. Vorys (0093479)

Dickinson Wright PLLC

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Phone: (614) 591-5461

Email: cpirik@dickinsonwright.com

todonnell@dickinsonwright.com

wvorys@dickinsonwright.com

(Counsel agrees to receive service by email.)

Attorneys for Firelands Wind, LLC

Attachment 2

1. Correspondence with USFWS December 21, 2017

April M. Popp

From: Jennie Geiger
Sent: Thursday, December 21, 2017 9:50 AM
To: Mensing, Chris
Cc: Dave Phillips (dave.phillips@apexcleanenergy.com); Sarah Moser (sarah.moser@apexcleanenergy.com)
Subject: BUSINESS CONFIDENTIAL: Follow Up on Emerson Creek Eagle Discussion
Attachments: Emerson Creek Eagle PPT_2017-12-13.pdf; Emerson Creek (pka Firelands)_ProjBoundary_20171120.zip

Hi Chris –

Thank you for your time and helpful input on the existing eagle use data for the Emerson Creek Wind Project (previously known as Firelands – shps attached). As discussed, two years of eagle use data have been collected for the Project; however, the 2011-2012 data was collected prior to issuance of the Eagle Conservation Plan Guidance (ECPG), and only one year of data has been collected for the NW portion of the current boundary (ppt slides attached). It is understood that there is a waiver process in place which accounts for data gaps and allows for the use of older data in the take model; however, USFWS recommends an additional year of ECPG-level surveys be completed for the Project in order to meet the required data should an eagle take permit be sought for operations.

Additional measures to reduce potential risk to eagles were also discussed, including the removal of obvious attractants (e.g., carrion) and implementation of ½ inter-nest distance turbine setback from known nests. As recommended, additional eagle nest surveys will be completed in spring 2018 to ensure appropriate setbacks are being applied.

Please let me know if there is any additional information that would be useful for your records at this time. If you could please confirm receipt due to the large file size I would appreciate it.

Thanks and Happy Holidays,
Jennie

JENNIE GEIGER
Environmental Permitting Manager

Apex Clean Energy, Inc.
310 4th St NE, Suite 200, Charlottesville, VA 22902
office: 434-260-6982 | cell: 720-320-9450 | fax: 434-220-3712
jennie.geiger@apexcleanenergy.com | www.apexcleanenergy.com



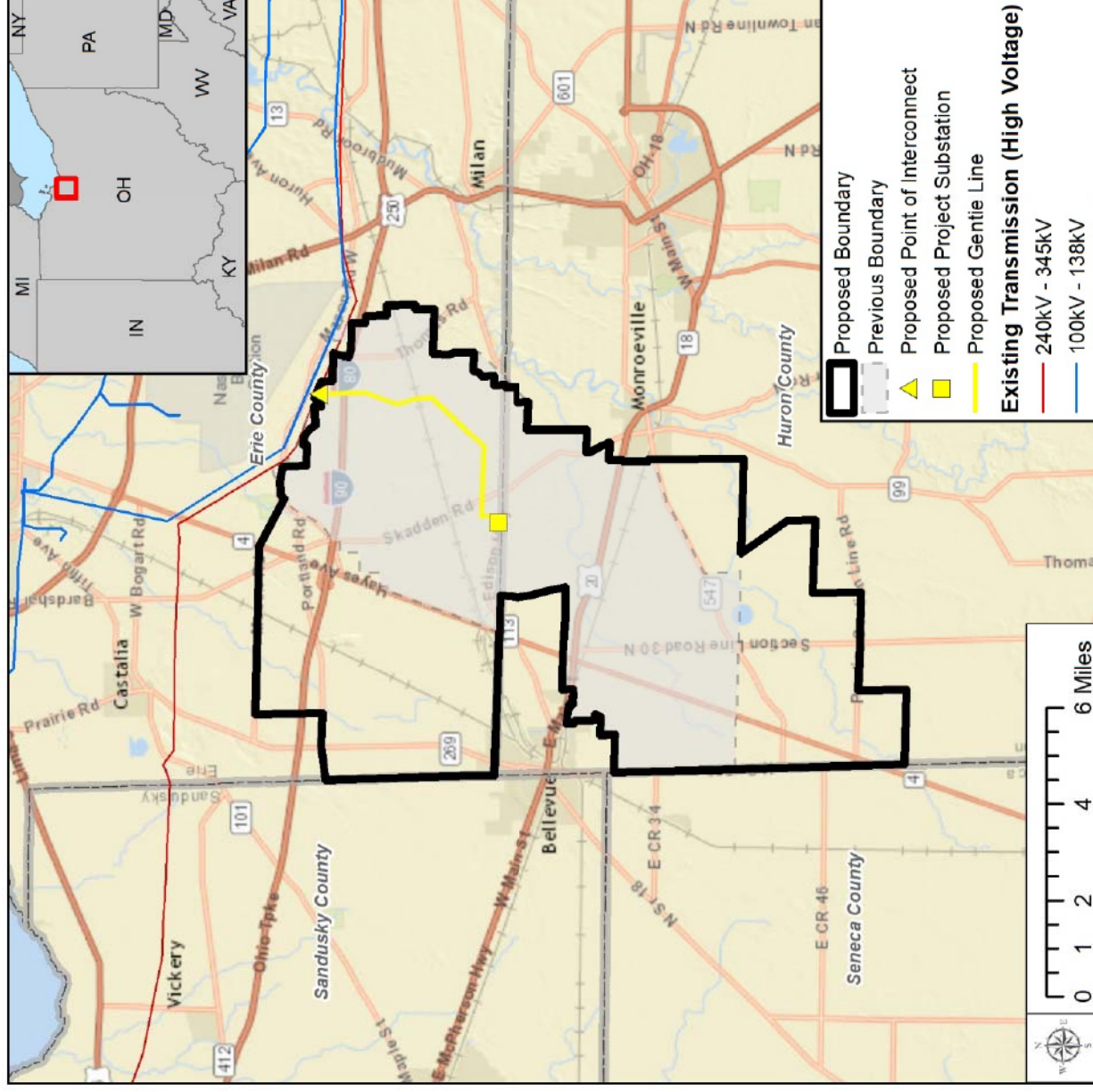


Emerson Creek Wind Project

USFWS Eagle Coordination Meeting

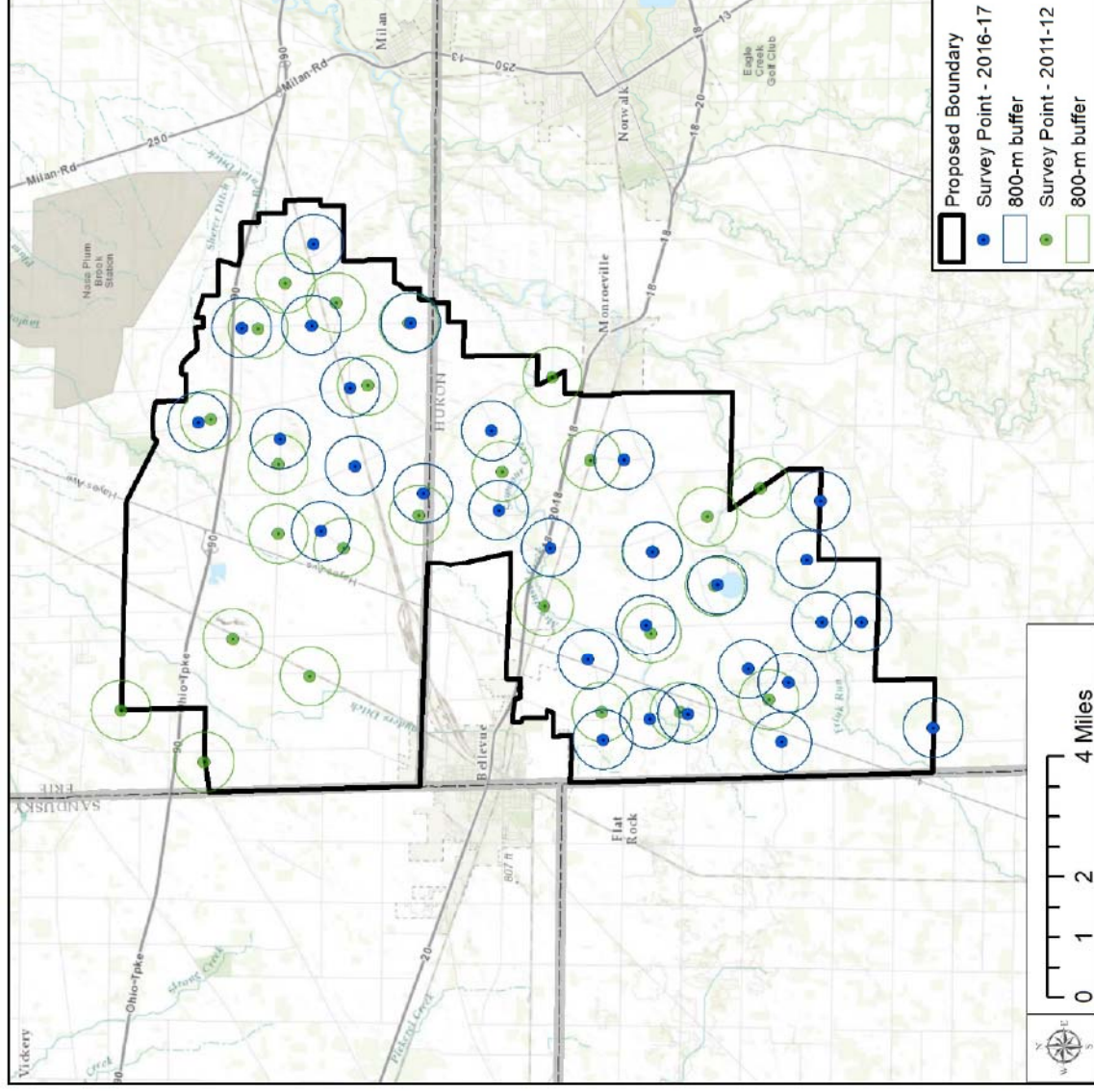
December 13, 2017

Project Status and Drivers



Project Capacity and Details	300 MW, up to 89 turbines
Commercial Operations	Q4 2020 COD Target
Project Drivers	<p>High NCF project located in PJM</p> <p>Existing interconnection agreement</p> <p>Strong local project support</p>
Project Status	<p>Tier 1&2, Stage 1 reviews completed</p> <p>Tier 3/Stage 2 studies completed 2009 to present</p> <p>OPSB permit application planned in Q1 2018</p>
Meeting Objectives	<p>Review Tier 3 studies and project boundary revision</p> <p>Agree on avoidance and minimization measures</p> <p>Discuss and agree on next steps</p>

Avian Use Surveys – Methods



- Mar 2, 2011 – Mar 22, 2012
 - 26 points, 2x/mo
 - 20 min (eagles only), 800-m radius
- Sep 18, 2016 – Sep 17, 2017
 - 23 points, 1x/mo
 - 60 min, 800-m radius
 - 20-min all large birds
 - 60-min eagles (ECPG protocol)
- Points shifted/added/ removed in response to changing boundary
- Studies sufficient to characterize risk with 336 hrs raptor migration surveys & 482 hrs of eagle surveys across 2 years within the project area

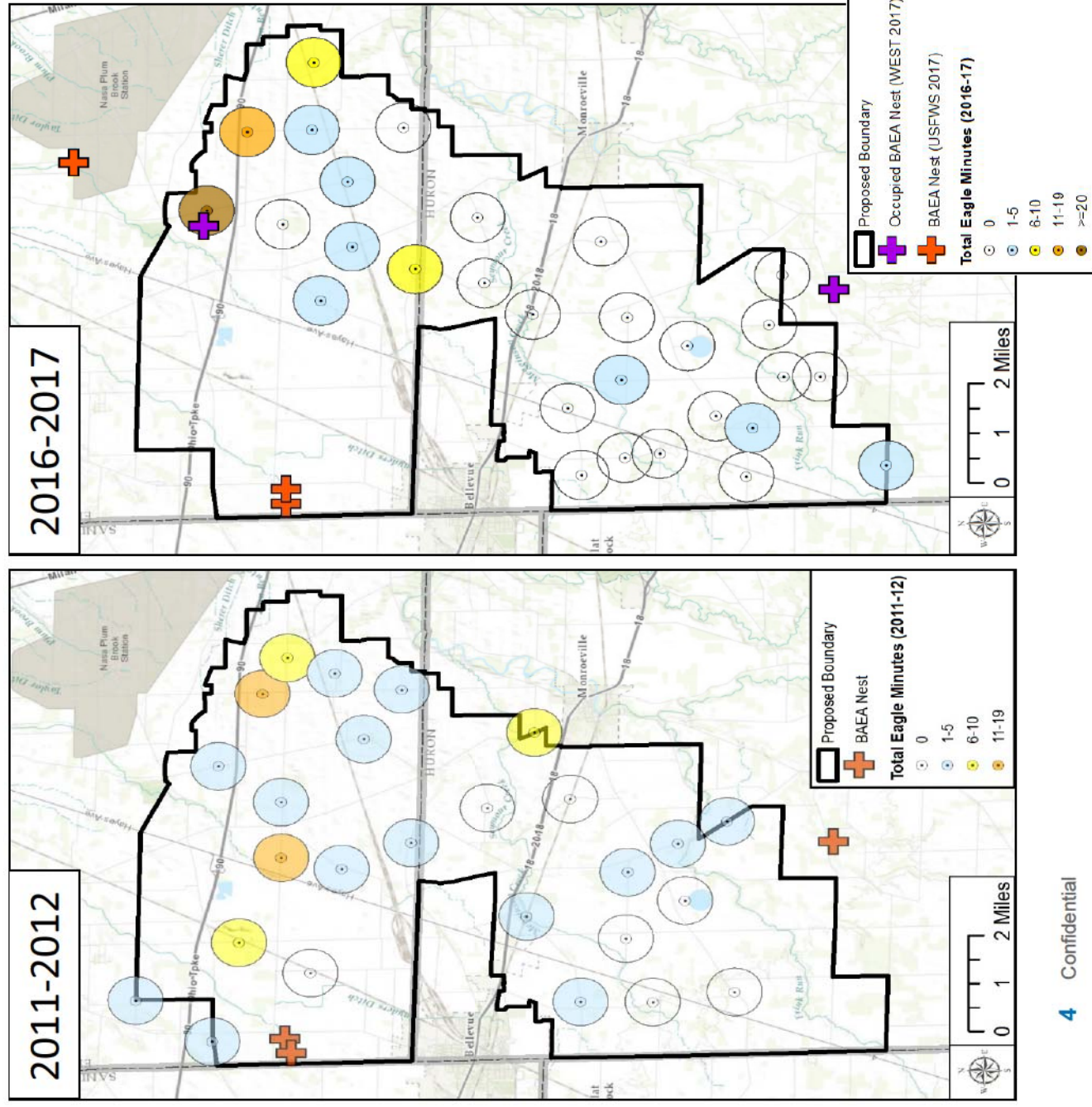
Avian Use Surveys – Results and Response Plan

Results

- No GOEA documented
- 146 BAEA risk minutes (80 in 2011-2012, 66 in 2016-2017)
- Eagle use higher in Nov-Dec and Mar-May, and concentrated near nests

Response

- Robust data set to inform siting and evaluate risk
- Low risk site for BAEA with turbines sited to avoid areas of concentrated activity
- Additional nest surveys out to 2 miles planned for spring 2018 to inform siting
 - Site turbines > 1/2 inter-nest distance from nests



Attachment 2

2. Correspondence with USFWS January 29, 2020 et al.

Jennie Geiger

From: Jennie Geiger
Sent: Wednesday, January 29, 2020 9:25 PM
To: Rheude, Margaret G; Lott, Keith; Lynch, James M.; Tabor, Adam N.; Goni Iskali; Quintana Hayden; Ashfield, Patrice
Cc: Dalton Carr; Nate Pedder; John Arehart III
Subject: RE: USFWS_Apex Meeting on Republic and Emerson Creek Wind Projects

Hi Mags –

So sorry to hear about your daughter – I hope she feels better soon! The most recent data for Emerson Creek will be the 2018 Raptor Nest Survey Reports (there are two – FIR and HRN), 2018 Eagle Nest Monitoring Survey Report, and the 2016-2017 Large Bird and Eagle Use Reports (there are two – FIR and HRN). We have completed a second year of surveys for Emerson Creek but the report is not yet final.

For Republic, the most recent reports are the 2016 Raptor Nest Survey Report (this is for the project to the south but covers Republic), the 2016/2017 eagle nest monitoring reports, and the 2011-2012 Eagle Use Survey Report. We are in the process of completing a second year of eagle use surveys.

I know I owe you some additional shps that you requested last week – I will get those to you shortly and schedule a time for us to go over all things eagle related at these projects.

Thanks,
jennie

JENNIE GEIGER
office: 434-260-6982 | cell: 720-320-9450
jennie.geiger@apexcleanenergy.com

From: Rheude, Margaret G <margaret_rheude@fws.gov>
Sent: Wednesday, January 29, 2020 4:07 PM
To: Jennie Geiger <jennie.geiger@apexcleanenergy.com>; Lott, Keith <keith_lott@fws.gov>; Lynch, James M. <jim.lynn@klgates.com>; Tabor, Adam N. <Adam.Tabor@klgates.com>; Goni Iskali <goni.iskali@apexcleanenergy.com>; Quintana Hayden <qhayden@west-inc.com>; Ashfield, Patrice <patrice_ashfield@fws.gov>
Cc: Dalton Carr <dalton.carr@apexcleanenergy.com>; Nate Pedder <nate.pedder@apexcleanenergy.com>; John Arehart III <john.arehart@apexcleanenergy.com>
Subject: Re: USFWS_Apex Meeting on Republic and Emerson Creek Wind Projects

Hi everyone,

I apologize for the late notice, but I am not going to be able to make the meeting tomorrow morning. My daughter came home sick from school today and they won't let her back until Friday. Jennie - I can set up another time to talk to you about eagle issues with these projects. I have a bunch of files you have sent me - can you tell me what are the most recent versions of the eagle monitoring, site plans, etc that I can review? I'm hoping I'll be back in on Friday.

Thanks for your patience,
Mags

Mags Rheude (she/her)

US Fish and Wildlife Service

New Address:

Midwest Migratory Bird Program
U.S. Fish and Wildlife Service
5600 American Blvd. West, Suite 990
Bloomington, MN 55437-1458

612-713-5438

margaret_rheude@fws.gov

*Work Schedule: M-F, 7-3:30

From: Jennie Geiger <jennie.geiger@apexcleanenergy.com>

Sent: Monday, January 27, 2020 9:48 AM

To: Lott, Keith <keith_lott@fws.gov>; Rheude, Margaret G <margaret_rheude@fws.gov>; Lynch, James M. <jim.lynch@klgates.com>; Tabor, Adam N. <Adam.Tabor@klgates.com>; Goni Iskali <goni.iskali@apexcleanenergy.com>; Quintana Hayden <ghayden@west-inc.com>; Ashfield, Patrice <patrice_ashfield@fws.gov>

Cc: Dalton Carr <dalton.carr@apexcleanenergy.com>; Nate Pedder <nate.pedder@apexcleanenergy.com>; John Arehart III <john.arehart@apexcleanenergy.com>

Subject: [EXTERNAL] USFWS_Apex Meeting on Republic and Emerson Creek Wind Projects

When: Thursday, January 30, 2020 8:00-9:30.

Where: 6699006833,,7203209450#, <https://apexcleanenergy.zoom.us/j/7203209450>

The purpose of this meeting is to discuss the status of two of our Ohio wind projects to ensure ESA and BGEPA compliance moving forward. We plan to do this meeting at USFWS office in Columbus.

Jennie Geiger is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

<https://apexcleanenergy.zoom.us/j/7203209450>

Meeting ID: [REDACTED]

One tap mobile

[REDACTED]

Dial by your location

[REDACTED]

Meeting ID: [REDACTED]

Join by SIP

[REDACTED]

Join by H.323

[REDACTED]



Jennie Geiger

From: Rheude, Margaret <margaret_rheude@fws.gov>
Sent: Friday, January 24, 2020 7:02 AM
To: Jennie Geiger
Subject: Re: [EXTERNAL] Update on Republic Wind

Hi Jenny,
thanks for the files - I was able to download them and I opened a few to make sure they came through. I had another question - for each project - can you point me to the most recent reports that include a summary of all the work done to date? Then I can work backwards to review the other reports as needed. Additionally, can you send me shapefiles of the most recent proposed project boundaries and eagle nests in the area?
Thanks so much,
Mags

On Thu, Jan 23, 2020 at 4:04 PM Jennie Geiger <jennie.geiger@apexcleanenergy.com> wrote:

Great – glad you will be able to make the meeting. I have uploaded all eagle-related items to this box site: <https://apexcleanenergy.box.com/s/un0j5rta1n2jrwrwafmd5hne7h36rj3o>. Please let me know if you have any issues accessing the site.

As a little background, both the Republic and Emerson Creek Wind Projects have been in development for over 10 years and there have been many studies and many boundary changes over that time. I have included the most recent agency meeting summaries in the info I uploaded, which will help to tell the story of how the boundaries have changed over time and how the surveys fit together. To make matters more complicated, the current Emerson Creek Project boundary is a combination of what was once Firelands (aka Emerson North) and Emerson Creek (aka Emerson South). So you will see a variety of projects names in the reports. Welcome to Ohio!

JENNIE GEIGER

office: 434-260-6982 | cell: 720-320-9450

jennie.geiger@apexcleanenergy.com

From: Rheude, Margaret <margaret_rheude@fws.gov>
Sent: Thursday, January 23, 2020 1:29 PM
To: Jennie Geiger <jennie.geiger@apexcleanenergy.com>
Subject: Re: [EXTERNAL] Update on Republic Wind

Hi Jennie,

I talked with Keith yesterday, and we agreed it would be a good idea for me to call in to the meeting - it's on my calendar. In preparation for the meeting, can you send me any information you have on the site, eagle surveys done to date, maps, known nests, known eagle use, etc? That would be helpful in getting up to speed on the project.

Thanks,

Mags

On Thu, Jan 16, 2020 at 9:13 AM Jennie Geiger <jennie.geiger@apexcleanenergy.com> wrote:

Hi Mags –

I left you a very long VM yesterday (apologies!) but was hoping to get the meeting to discuss the Emerson Creek and Republic Wind Projects this week. It looks like we will be moving forward with January 30 either 9-10:30 CT or 10-11:30 CT. Would either of those work for you?

Thanks,
jennie

JENNIE GEIGER

office: 434-260-6982 | cell: 720-320-9450

jennie.geiger@apexcleanenergy.com

From: Rheude, Margaret <margaret_rheude@fws.gov>

Sent: Friday, January 10, 2020 2:06 PM

To: Jennie Geiger <jennie.geiger@apexcleanenergy.com>

Cc: Mensing, Chris <chris_mensing@fws.gov>; Keith Lott <keith_lott@fws.gov>; Ryan Anthony <ryan_anthony@fws.gov>

Subject: Re: [EXTERNAL] Update on Republic Wind

Thanks for that information Jennie,

We've recently changed how we are handling our eagle coordination and we need to have some internal conversations about how best to handle early coordination. I'll talk to folks and get back to you early next week.

Thanks,

Mags

On Fri, Jan 10, 2020 at 2:59 PM Jennie Geiger <jennie.geiger@apexcleanenergy.com> wrote:

Hi Mags –

I was hoping to set up a call with you/Ryan and Keith to provide the status of wildlife studies at two of our Ohio projects so that we can discuss next steps in terms of regulatory compliance.

If you could please provide your availability in the following doodle poll (<https://doodle.com/poll/ypgese7nhmxxdrz3>) I would appreciate it.

Thanks and have a great weekend,

Jennie

JENNIE GEIGER

office: 434-260-6982 | cell: 720-320-9450

jennie.geiger@apexcleanenergy.com

From: Rheude, Margaret <margaret_rheude@fws.gov>

Sent: Friday, January 10, 2020 12:12 PM

To: Jennie Geiger <jennie.geiger@apexcleanenergy.com>

Cc: Mensing, Chris <chris_mensing@fws.gov>; Keith Lott <keith_lott@fws.gov>; Ryan Anthony <ryan_anthony@fws.gov>

Subject: Re: [EXTERNAL] Update on Republic Wind

Thanks everyone,

I am now the primary contact for Ohio, although Ryan and I are working jointly on long-term wind projects. Ryan is out today but I can touch base with him and figure out the best way to help you with your project. It would be helpful to know specifically what your questions are regarding eagle compliance.

Thanks,

Mags

On Fri, Jan 10, 2020 at 12:22 PM Jennie Geiger <jennie.geiger@apexcleanenergy.com> wrote:

Thanks Chris – I missed that change in Keith's original email so I appreciate the clarification.

Mags/Ryan – should you both be included in meetings for Ohio projects or will one of you be taking the lead?

Thanks,

Jennie

JENNIE GEIGER

office: 434-260-6982 | cell: 720-320-9450

jennie.geiger@apexcleanenergy.com

From: Mensing, Chris <chris_mensing@fws.gov>

Sent: Friday, January 10, 2020 11:03 AM

To: Jennie Geiger <jennie.geiger@apexcleanenergy.com>

Cc: Keith Lott <keith_lott@fws.gov>; Margaret Rheude <margaret_rheude@fws.gov>; Ryan Anthony <ryan_anthony@fws.gov>

Subject: Fwd: [EXTERNAL] Update on Republic Wind

Jennie,

As Keith mentioned, I am no longer working directly on bald eagle permit issues. Your new contacts are Ryan Anthony and Mags Rheude (cc'ed).

Chris

Chris Mensing, Fish and Wildlife Biologist

U.S. Fish and Wildlife Service

Michigan Ecological Services Field Office

2651 Coolidge Road, Suite 101

East Lansing, MI 48823

517-351-8316 (office)

517-351-1443 (fax)

chris_mensing@fws.gov

----- Forwarded message -----

From: Jennie Geiger <jennie.geiger@apexcleanenergy.com>

Date: Thu, Jan 9, 2020 at 3:06 PM

Subject: RE: [EXTERNAL] Update on Republic Wind

To: Lott, Keith (keith_lott@fws.gov) <keith_lott@fws.gov>, Chris Mensing - USFWS, East Lansing Ecological Services Field Office (chris_mensing@fws.gov) <chris_mensing@fws.gov>

Hi Keith/Chris -

Happy New Year and many apologies for not following up with you before the holidays on the Republic Wind Project (below emails).

I would like to set up a call with both of you to provide updates on our Republic and Emerson Creek Wind Projects in Ohio to ensure ESA and BGEPA compliance. I have put together a doodle poll to align schedules (<https://doodle.com/poll/ypge7nhmxxdr3>) – please let me know if none of these options work for you. Happy to have the meeting over the phone or in person depending on your schedules.

Feel free to call me at (720) 320-9450 if you have any questions.

Thanks,

Jennie

JENNIE GEIGER

jennie.geiger@apexcleanenergy.com

From: Lott, Keith <keith_lott@fws.gov>

Sent: Monday, November 18, 2019 8:59 AM

To: Jennie Geiger <jennie.geiger@apexcleanenergy.com>

Cc: Dalton Carr <dalton.carr@apexcleanenergy.com>; John Arehart III <john.arehart@apexcleanenergy.com>

Subject: Re: [EXTERNAL] Update on Republic Wind

Jennie,

I'm back in the office and wading through my emails. I can do Wednesday or Friday of this week, or Monday or Tuesday of next week. As you may know, eagle permits are now being handled by the Office of Migratory Birds, not Ecological Services (i.e., Chris Mensing). If that's a route you'd like to discuss than I may need to find out who from that office is handling eagle issues in Ohio.

Keith

On Wed, Nov 6, 2019 at 6:22 AM Jennie Geiger <jennie.geiger@apexcleanenergy.com> wrote:

Hi Keith -

I wanted to let you know that we were recently made aware of a new eagle nest located within the Republic Wind Project. WEST confirmed the location of the nest, which I have attached to this email. The nest is located within the overall project boundary, but is ~ 1.27 miles from the nearest proposed turbine. Given this new information, and the fact that we haven't discussed this project with USFWS in awhile, we were hoping to set up a day/time to meet with you in the next few weeks to discuss the project and our thoughts on next steps.

I will give you a call later today to follow up on this.

Thanks,
Jennie

JENNIE GEIGER
Sr. Environmental Permitting Manager

Apex Clean Energy, Inc.
75 Waneka Parkway, Lafayette, CO 80026
office: 434-260-6982 | cell: 720-320-9450

jennie.geiger@apexcleanenergy.com <<mailto:jennie.geiger@apexcleanenergy.com>> | www.apexcleanenergy.com
<<http://www.apexcleanenergy.com/>>

[cid:image001.png@01CE6DB9.0BF695D0]<<http://www.apexcleanenergy.com/>>

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Keith Lott

Wildlife Biologist

U.S. Fish and Wildlife Service

4625 Morse Road, Suite 104

Columbus, Ohio 43230

Phone: (614) 416-8993 ext. 31

Fax: (614) 416-8994

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--

Mags Rheude (she/her)

US Fish and Wildlife Service

New Address:

Midwest Migratory Bird Program

U.S. Fish and Wildlife Service

5600 American Blvd. West, Suite 990

Bloomington, MN 55437-1458

612-713-5438

margaret_rheude@fws.gov

*Work Schedule: M-F, 7-3:30

--

Mags Rheude (she/her)

US Fish and Wildlife Service

New Address:

Midwest Migratory Bird Program

U.S. Fish and Wildlife Service

5600 American Blvd. West, Suite 990

Bloomington, MN 55437-1458

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*Work Schedule: M-F, 7-3:30

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Mags Rheude (she/her)

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5600 American Blvd. West, Suite 990

Bloomington, MN 55437-1458

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margaret_rheude@fws.gov

*Work Schedule: M-F, 7-3:30

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Mags Rheude (she/her)

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Midwest Migratory Bird Program

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5600 American Blvd. West, Suite 990

Bloomington, MN 55437-1458

612-713-5438

margaret_rheude@fws.gov

*Work Schedule: M-F, 7-3:30

Jennie Geiger

From: Erin.Hazelton@dnr.state.oh.us
Sent: Friday, March 22, 2019 1:36 PM
To: Jennie Geiger
Subject: RE: BUSINESS CONFIDENTIAL: Follow Up on the Emerson Creek Wind Project

Hi Jennie,

ODNR is currently reviewing the pre-construction wildlife surveys submitted to OPSB with the project application and will provide comments to OPSB. However, no additional pre-construction wildlife surveys are anticipated for the Emerson Creek project at this time.

Sincerely,

Erin

Erin Hazelton

Wind Energy/Wildlife Administrator
ODNR Division of Wildlife
2045 Morse Road
Columbus, OH 43229
Phone: 614-265-6349
Email: Erin.Hazelton@dnr.state.oh.us

Good intentions can hurt, leave wildlife in the wild. Visit wildohio.gov/staywild to find out more.

From: Jennie Geiger <jennie.geiger@apexcleanenergy.com>
Sent: Thursday, March 21, 2019 1:45 PM
To: Hazelton, Erin <Erin.Hazelton@dnr.state.oh.us>
Subject: RE: BUSINESS CONFIDENTIAL: Follow Up on the Emerson Creek Wind Project

Hi Erin –

I just wanted to check in with you on the status of the updated Honey Creek survey recommendation letter and on the email confirming surveys are all good at Emerson Creek. Do you have an idea on when you think you will have time to get to those? No rush on the Honey Creek stuff, but the Emerson Creek letter would be good for the files as we get into the OPSB review process.

Thanks!

Jennie

JENNIE GEIGER
office: 434-260-6982 | cell: 720-320-9450
jennie.geiger@apexcleanenergy.com

From: Erin.Hazelton@dnr.state.oh.us <Erin.Hazelton@dnr.state.oh.us>
Sent: Thursday, February 28, 2019 11:52 AM
To: Jennie Geiger <jennie.geiger@apexcleanenergy.com>
Subject: RE: BUSINESS CONFIDENTIAL: Follow Up on the Emerson Creek Wind Project

Hi Jennie,

No apology necessary—I understand how that goes. I'll catch Kate today or tomorrow and get back with you as soon as I run it by her. And I'll run the new Honey Creek boundary and email the updated letter next week. Our servers where my GIS lives are down currently....

Thanks,
Erin

Erin Hazelton

Wind Energy/Wildlife Administrator
ODNR Division of Wildlife
2045 Morse Road
Columbus, OH 43229
Phone: 614-265-6349
Email: Erin.Hazelton@dnr.state.oh.us

Good intentions can hurt, leave wildlife in the wild. Visit wildohio.gov/staywild to find out more.

From: Jennie Geiger <jennie.geiger@apexcleanenergy.com>
Sent: Tuesday, February 26, 2019 7:14 PM
To: Hazelton, Erin <Erin.Hazelton@dnr.state.oh.us>
Cc: Nate Pedder <nate.pedder@apexcleanenergy.com>
Subject: RE: BUSINESS CONFIDENTIAL: Follow Up on the Emerson Creek Wind Project

Hi Erin –

Apologies for my delay in responding to you (it has been more chaotic than usual around the office these days). In response to your question, the closest proposed turbine is 0.4 miles SW of the reservoir (see snip below). And a friendly reminder to provide responses on the other items when you get a chance as well 😊

Thanks,
Jennie



JENNIE GEIGER
office: 434-260-6982 | cell: 720-320-9450
jennie.geiger@apexcleanenergy.com

From: Erin.Hazelton@dnr.state.oh.us <Erin.Hazelton@dnr.state.oh.us>
Sent: Friday, February 15, 2019 11:46 AM
To: Jennie Geiger <jennie.geiger@apexcleanenergy.com>
Subject: RE: BUSINESS CONFIDENTIAL: Follow Up on the Emerson Creek Wind Project

Hi Jennie,
Thanks for the reminder—I see your point about documentation of waterfowl in that portion of the project site. How close to the reservoir will the nearest turbine be?
Thanks,
Erin
PS—will be able to give you an answer to everything on Tuesday. Sorry for the delay.

Erin Hazelton
Wind Energy/Wildlife Administrator
ODNR Division of Wildlife
2045 Morse Road
Columbus, OH 43229
Phone: 614-265-6349
Email: Erin.Hazelton@dnr.state.oh.us

Good intentions can hurt, leave wildlife in the wild. Visit wildohio.gov/staywild to find out more.

From: Jennie Geiger <jennie.geiger@apexcleanenergy.com>
Sent: Wednesday, February 13, 2019 1:11 PM
To: Hazelton, Erin <Erin.Hazelton@dnr.state.oh.us>
Subject: RE: BUSINESS CONFIDENTIAL: Follow Up on the Emerson Creek Wind Project

Hi Erin –

I just wanted to circle back with you on my email below. Can you let me know your thoughts on surveys completed to date for Emerson Creek?

Thanks!
jennie

JENNIE GEIGER
office: 434-260-6982 | cell: 720-320-9450
jennie.geiger@apexcleanenergy.com

From: Jennie Geiger
Sent: Monday, January 21, 2019 3:04 PM
To: 'Erin Hazelton - ODNR (Erin.Hazelton@dnr.state.oh.us)' <Erin.Hazelton@dnr.state.oh.us>
Cc: Nate Pedder <nate.pedder@apexcleanenergy.com>
Subject: BUSINESS CONFIDENTIAL: Follow Up on the Emerson Creek Wind Project

Hi Erin –

As a follow up to our phone discussion last year, I have attached a map illustrating all points surveyed to date in relation to the Bellevue Reservoir. As you can see, there are 3 large bird survey points, 4 breeding bird survey points, and 1 passerine migration survey point within one mile of the reservoir. Waterfowl have been documented at the large bird survey points and passerine migration point, including the following:

- Canada goose (9)
- Common merganser (1)
- Great blue heron (5)
- Mallard (3)
- Ring-billed gull (62)
- Tundra swan (94)

Given the proximity of the large bird points to the reservoir and the fact that they are surveyed monthly, waterfowl using the reservoir are being documented if present and this data will be incorporated into the final avian use survey report. As such, can you please confirm that this is sufficient to meet ODNR Guidelines and that no additional surveys are needed at Emerson Creek? If you could also speak to the fact that additional owl, breeding bird, and passerine surveys are not being required in your response to this email I would appreciate it!

Thanks,
Jennie

JENNIE GEIGER
Sr. Environmental Permitting Manager

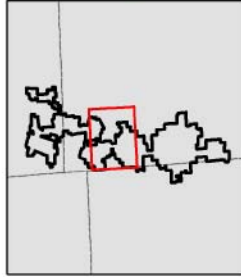
Apex Clean Energy, Inc.
310 4th St. NE, Suite 200, Charlottesville, VA 22902
office: 434-260-6982 | cell: 720-320-9450
jennie.geiger@apexcleanenergy.com | www.apexcleanenergy.com



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EMERSON CREEK PROJECT AREA

Project Boundary

Breeding Bird
Survey Point

- 2018
- 2017
- 2012
- 2011

Passerine
Migration Survey
Point

- 2016-17
- 2010-11

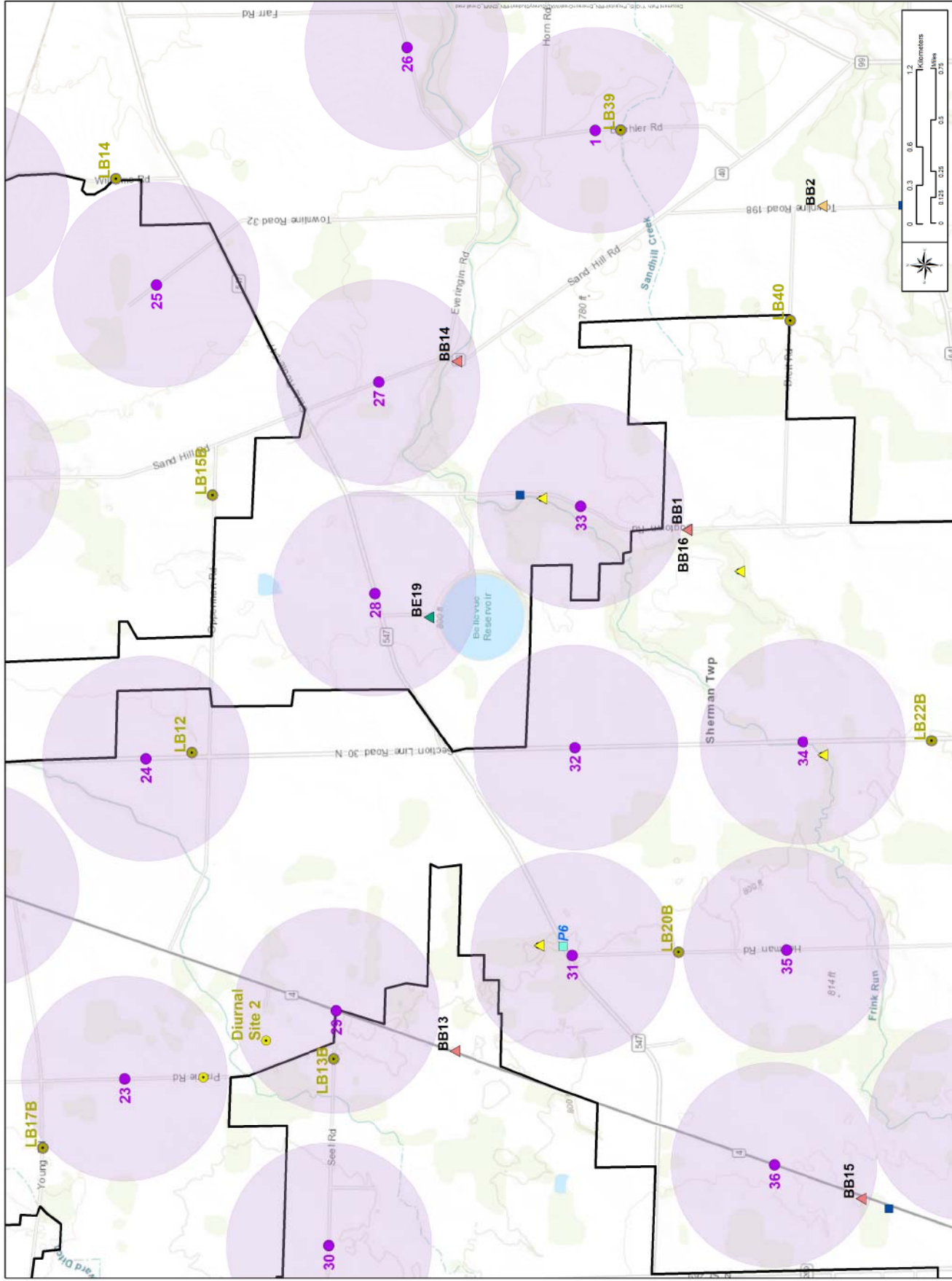
Raptor Migration
Survey Point

- 2016-17
- 2010-11

Avian Use Survey
Point

- 2018-19
- 2016-17
- 800-m buffer

Date: 1/17/2018 Author: SML
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Emerson Creek Energy Services, LLC



Attachment 2

3. Correspondence with USFWS January 30, 2020

/s/ Christine M.T. Pirik
Christine M.T. Pirik (0029759)
(Counsel of Record)
Terrence O'Donnell (0074213)
William V. Vorys (0093479)
Dickinson Wright PLLC
150 East Gay Street, Suite 2400
Columbus, Ohio 43215
Phone: (614) 591-5461
Email: cpirik@dickinsonwright.com
todonnell@dickinsonwright.com
wvorys@dickinsonwright.com
(Counsel agrees to receive service by email.)

Attorneys for Firelands Wind, LLC

United States Department of the Interior



FISH AND WILDLIFE SERVICE

Ecological Services
4625 Morse Road, Suite 104
Columbus, Ohio 43230
(614) 416-8993 / FAX (614) 416-8994

January 30, 2020

Ms. Jennie Geiger
Apex Clean Energy Inc.
310 4th St. NE, Suite 200
Charlottesville, VA 22902

TAILS : 03E15000-2020-E-0685

Re: Emerson Creek Wind Facility – Technical Assistance Letter

Dear Ms. Geiger:

This letter is in response to Apex Clean Energy Inc.'s (Apex) request for technical assistance regarding the effects of the above-referenced project on listed species pursuant to the Endangered Species Act of 1973, as amended (ESA), under the jurisdiction of the U.S. Fish and Wildlife Service (USFWS). The Indiana bat (*Myotis sodalis*), a federally-listed endangered species, and the northern long-eared bat (*Myotis septentrionalis*), a federally-listed threatened species are both known to occur near the project area (within Erie and Huron Counties).

Section 9(a)(1)(B) of the ESA, 16 U.S.C. § 1538 (a)(1)(B), makes it unlawful for any person to "take" an endangered species. Take of threatened species is prohibited pursuant to 50 C.F.R. § 17.31, which was issued by the USFWS under the authority of Sections 4(d) and 9(a)(1)(G) of the ESA, 16 U.S.C. §§ 1533(d) and 1538(a)(1)(G), respectively. "Take" is defined by the ESA as to "harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or attempt to engage in any such conduct" 16 U.S.C. § 1532(19).

Take of Indiana bats has been documented in both spring and fall at two wind facilities in Ohio, and at other wind facilities in Indiana, Pennsylvania, and West Virginia. Mortality of northern long-eared bats has been detected at many wind facilities throughout the range of this species in the United States and Canada. Thus, take of Indiana bats and northern long-eared bats at Apex's Emerson Creek Wind Facility is likely to occur without implementation of appropriate avoidance measures.

The USFWS has reviewed the information provided in your request, and the measures that will be implemented at Emerson Creek Wind Facility to avoid any potential take of such species. This includes fully feathering the wind turbine generators below a wind speed of 6.9 meters per second between one-half hour before sunset to one-half hour after sunrise during the Indiana bat's spring and fall migratory periods, which encompass the dates of March 15-May 15, and August 1-October 31. In addition, for the subset of turbines within the homerange of Indiana bat maternity colonies, turbines will also be feathered below 6.9 m/s during the summer (May 16-July 31) between one-half hour before sunset to one-half hour after sunrise. Turbines will be operated individually utilizing a 10-minute rolling average wind speed for shutdown and a 20-

minute rolling average wind speed for startup. That is, turbines will be feathered below the specified seasonal cut-in speed based on a 10-minute rolling average and will resume operations once the 20-minute rolling average wind speed is above the specified seasonal cut-in speed. Based on USFWS' review of these avoidance measures, no incidental take permit is recommended. The USFWS reached this conclusion through coordination and ongoing discussions with Apex including Apex's commitment in writing to the USFWS, that these measures will be implemented throughout the life of the project or until incidental take coverage is obtained. However, if unexpected take of a listed species does occur, we will recommend obtaining an incidental take permit.

The USFWS published a 4(d) rule for the northern long-eared bat on January 14, 2016, which exempts incidental take of this species for certain otherwise lawful activities. Under the 4(d) rule, take of northern long-eared bats from operation of the Emerson Creek Wind Farm would be exempted from the ESA's take prohibitions. Northern long-eared bats are in the same genus as Indiana bats, and have similar morphological features, habitat needs, and active periods. The USFWS believes the avoidance measures outlined above for Indiana bats will also result in avoidance of mortality for northern long-eared bats. Thus, should the northern long-eared bat 4(d) rule ever cease to apply, implementation of the avoidance measures as described above should preclude take of northern long-eared bats.

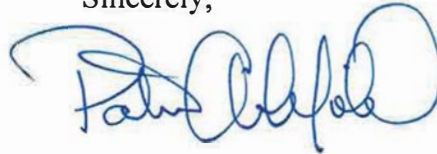
As required by the Ohio Power Siting Board Certificate of Environmental Compatibility and Public Need, post-construction mortality monitoring will be required to document bird and bat mortalities. This monitoring should be consistent with Ohio Department of Natural Resources (ODNR) protocol and be reported annually. ODNR's monitoring protocol is also sufficient to document to the USFWS that the measures above are precluding take of Indiana bats and northern long-eared bats. We request that you provide our office with the monitoring results concurrent with ODNR notification.

This office is not authorized to provide guidance in regards to the USFWS Office of Law Enforcement investigative priorities involving federally listed species. However, we understand the Office of Law Enforcement carries out its mission to protect ESA-listed species through investigation and enforcement, as well as by fostering relationships with individuals, companies, and industries that have taken effective steps to avoid take of listed species; and by encouraging others to implement measures to avoid take of listed species. It is not possible to absolve individuals or companies from liability for unpermitted take of listed species, even if such take occurs despite the implementation of appropriate take avoidance measures. However, the Office of Law Enforcement focuses its enforcement resources on individuals and companies that take listed species without identifying and implementing all reasonable, prudent and effective measures to avoid such take. As of this date, the USFWS Ohio Field Office concludes that the proposed project is unlikely to result in take of ESA-listed species.

We recommend you coordinate this project with the ODNR-Department of Wildlife, as both the Indiana bat and northern long-eared bat are state-listed species. Please contact Erin Hazelton at (614) 265-6349, or Erin.Hazelton@dnr.state.oh.us.

We appreciate Apex's efforts to coordinate with our office in determining what measures could be implemented to avoid take of any ESA-listed species. Should any new information become available, we request that Apex promptly notify the USFWS. If new information becomes available to the USFWS that other measures could be implemented to avoid take that would not require additional commitment by Apex, such as wind speeds shown to preclude foraging by Indiana bats, USFWS will notify Apex as soon as possible.

Sincerely,



Patrice Ashfield
Field Supervisor

cc: Erin Hazelton, ODNR, via email

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Summary: Notice of Response to Staff's 5th Data Request electronically filed by Christine M.T. Pirik on behalf of Firelands Wind, LLC