

1 Q. **Reference: Supply Cost Deferrals 2015, 2016 and 2017 Application Evidence,**  
 2 **Appendix B, Specific Examples of the Requirement for Standby Generation, page**  
 3 **2, lines 16-17.**

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 5 *“To plan operations for required spinning reserve, the Nostradamus forecast*  
 6 *customer load is compared to available generation that can contribute to spinning*  
 7 *reserve.”*

8  
 9 Complete the table below for the dates identified relating to the specific examples  
 10 of standby generation.

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Date	Actual Peak (MW)	Forecast Peak (MW)	Error (MW)	Percent Error (%)
3-Nov-2015				
4-Nov-2015				
28-Dec-2015				
29-Dec-2015				
30-Dec-2015				
4-Apr-2016				
5-Apr-2016				
6-Apr-2016				
7-Apr-2016				
18-Apr-2016				
19-Apr-2016				
20-Apr-2016				
21-Apr-2016				
26-Sept-2016				
27-Sept-2016				
28-Sept-2016				
29-Sept-2016				
26-Mar-2017				
27-Mar-2017				
28-Mar-2017				
29-Mar-2017				
30-Mar-2017				
31-Mar-2017				
1-Apr-2017				
19-Nov-2017				

21-Nov-2017				
22-Nov-2017				
23-Nov-2017				
24-Nov-2017				
3-Dec-2017				
4-Dec-2017				
5-Dec-2017				
6-Dec-2017				
Minimum				
Average				
Maximum				

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A. Please see completed table below and explanation for days with high load forecast errors (absolute value more than 5%). Actual and forecast load are provided for the Island system.

Date	Actual Peak (MW)	Forecast Peak (MW)	Error (MW)	Percent Error (%)
3-Nov-2015	1216	1215	-1	0%
4-Nov-2015	1248	1260	12	1%
28-Dec-2015	1660	1630	-30	-2%
29-Dec-2015	1698	1630	-68	-4%
30-Dec-2015	1612	1555	-57	-4%
4-Apr-2016	1438	1400	-38	-3%
5-Apr-2016	1437	1445	8	1%
6-Apr-2016	1434	1450	16	1%
7-Apr-2016	1430	1455	25	2%
18-Apr-2016	1172	1195	23	2%
19-Apr-2016	1269	1300	31	2%
20-Apr-2016	1354	1345	-9	-1%
21-Apr-2016	1205	1280	75	6%
26-Sept-2016	912	930	18	2%
27-Sept-2016	905	900	-5	-1%
28-Sept-2016	925	915	-10	-1%
29-Sept-2016	962	925	-37	-4%
26-Mar-2017	1516	1580	64	4%
27-Mar-2017	1659	1680	21	1%
28-Mar-2017	1520	1560	40	3%
29-Mar-2017	1376	1400	24	2%
30-Mar-2017	1337	1345	8	1%

31-Mar-2017	1400	1415	15	1%
1-Apr-2017	1360	1455	95	7%
19-Nov-2017	1163	1230	67	6%
21-Nov-2017	1278	1335	57	4%
22-Nov-2017	1248	1295	47	4%
23-Nov-2017	1219	1290	71	6%
24-Nov-2017	1223	1300	77	6%
3-Dec-2017	1303	1370	67	5%
4-Dec-2017	1343	1400	57	4%
5-Dec-2017	1339	1390	51	4%
6-Dec-2017	1281	1300	19	1%
Minimum	905	900	-68	-4%
Average	1316	1339	22	2%
Maximum	1698	1680	95	7%

**Explanation for Days with High Load Forecast errors**

21-Apr-2016	The discrepancy between actual and forecast load for April 21, 2016 was a result of the actual industrial load that materialized on this day. Industrial load is not modeled by Nostradamus.
1-Apr-2017	The discrepancy between actual and forecast utility load for April 1, 2017 was a result of differences in the wind and cloud cover actually experienced on this day compared to forecast.
19-Nov-2017	The discrepancy between actual and forecast load for November 19, 2017 was a result of the actual industrial load that materialized on this day. Industrial load is not modeled by Nostradamus.
23-Nov-2017	The discrepancy between actual and forecast utility load for November 23 was a result of differences in the wind actually experienced on this day compared to forecast.
24-Nov-2017	The discrepancy between actual and forecast utility load for November 24, 2017 was a result of differences in the wind actually experienced on this day compared to forecast.