

1 Q. **Reference: Introduction Evidence**

2 Complete the following table providing Wind Farm Production Data for **each year**
3 from 2008 through 2022 forecast. (Introduction Evidence, page 1.1, lines 15 to 16)

4

Wind Farm Production Data				
Year	Island Coincident Peak (MW)		Annual Delivered Energy (GWh)	
	St. Lawrence	Fermeuse	St. Lawrence	Fermeuse
2008				
2009				
2010				
...				
2013F				
2014F				
...				
2022F				

5

6

7 A. Please refer to the table on the next page for Wind Farm Production Data for each
8 year from 2008 through 2022 forecast.

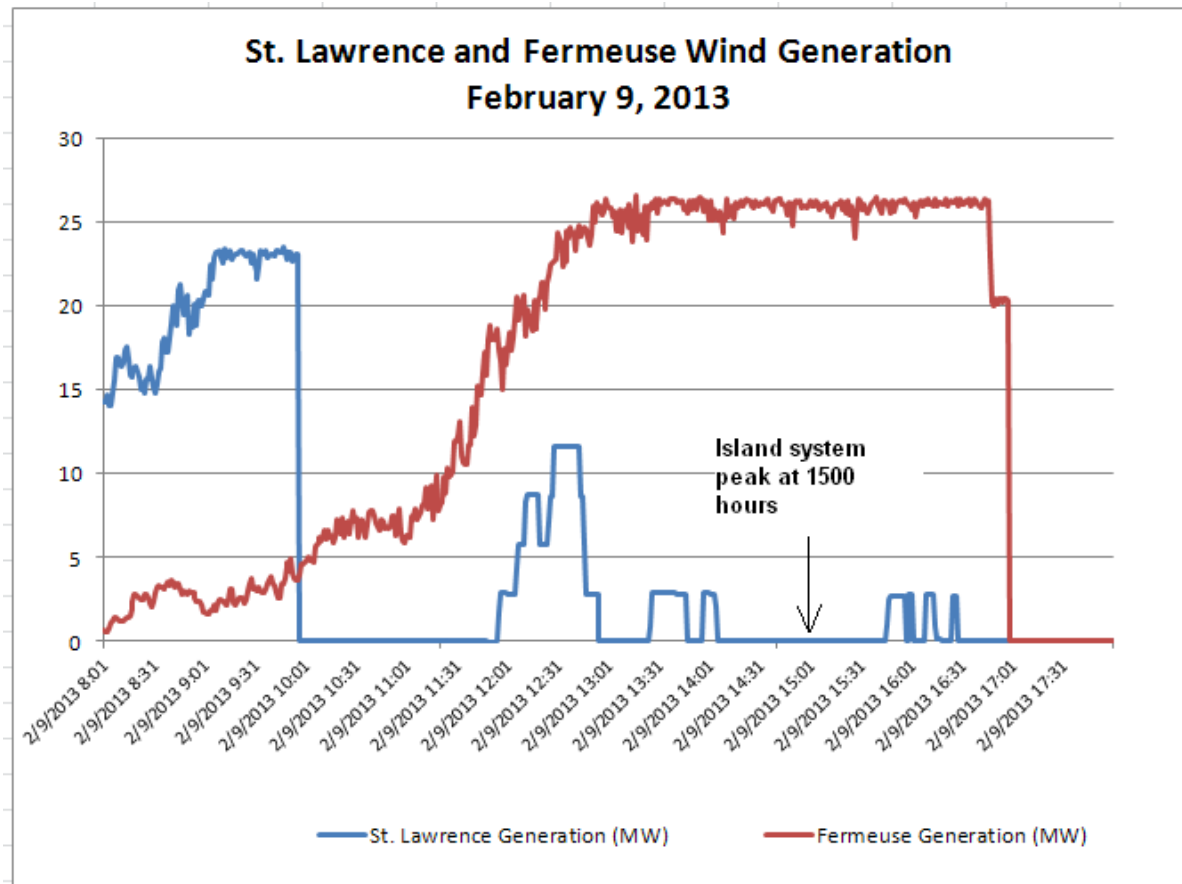
Wind Farm Production Data				
Year	Island Coincident Peak ⁽¹⁾ (MW)		Annual Delivered Energy (GWh)	
	St. Lawrence	Fermeuse	St. Lawrence	Fermeuse
2008 ⁽²⁾	N/A	N/A	7.82	0.00
2009 ⁽³⁾	23.3	11.3	100.64	53.74
2010	26.0	3.6	100.46	82.80
2011	25.8	3.6	110.00	87.96
2012	0.0	26.0	103.84	91.20
2013	1.9	3.1	96.38	95.52
2014F ⁽⁴⁾⁽⁵⁾⁽⁶⁾	0	0	99.54	81.72
2015F	0	0	104.80	84.41
2016F	0	0	104.80	84.41
2017F	0	0	104.80	84.41
2018F	0	0	104.80	84.41
2019F	0	0	104.80	84.41
2020F	0	0	104.80	84.41
2021F	0	0	104.80	84.41
2022F	0	0	104.80	84.41

- Notes:
1. 2009 Peak refers to the winter 2009-10 peak; 2010 Peak refers to winter 2010-11 peak, and so on.
 2. A partial operating year for St. Lawrence.
 3. A partial operating year for Fermeuse.
 4. Energy production includes actuals to May 31.
 5. Energy forecasts for the remainder of 2014 and for 2015-2022 based on engineering estimates for the projects.
 6. At the time of the coincident peak for forecast years, the wind farms are assumed to be not producing.

1 Please refer to Hydro's response to CA-NLH-021 for a further discussion concerning
2 the treatment of wind farm capacity.

3

4 It should be noted that during the peak day on February 9, 2013 both wind farms
5 had shut down quickly, most likely due to excessive winds. The following illustrates
6 the wind farm MWs during the period from 08:00 hours to 18:00 hours on that day.
7 The St. Lawrence wind farm had shut down earlier in the day, at around 10:00
8 hours, with an attempt to restart but was unavailable for the Island system peak.
9 The Fermeuse wind farm went off line at 17:00 hours at a time when the Island
10 system loading was still very high.



1 It should also be noted that on the Island peak day for this past winter period
2 (occurring on February 10, 2014) the wind farms were producing at a low level
3 during the peak demand period and at 0 MW for a significant portion of the day.
4 This is indicated in the following chart.

