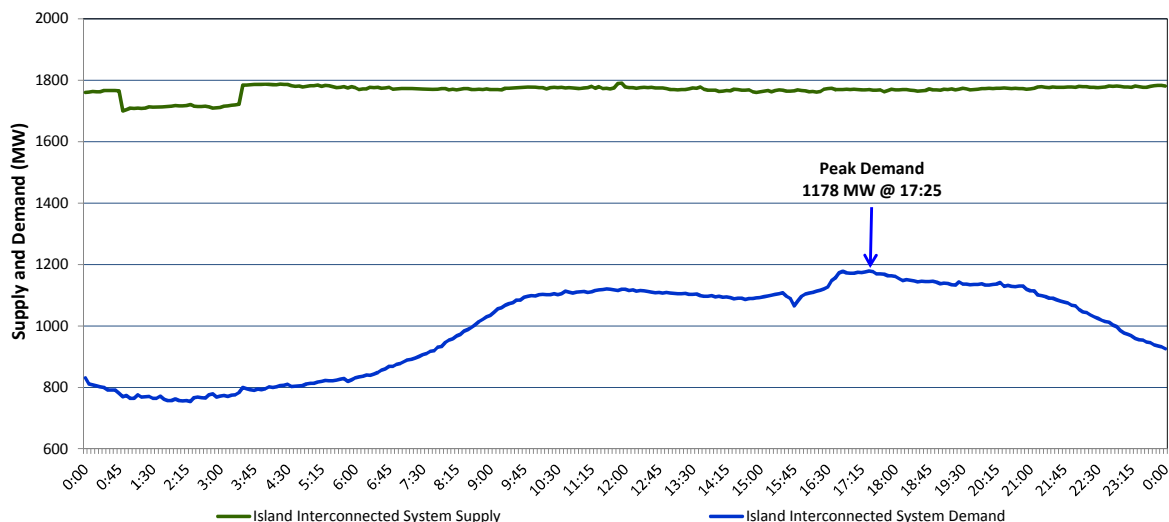


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Monday, November 16, 2015

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Sunday, November 15, 2015



Supply Notes For November 15, 2015

- A** As of 1605 hours, September 27, 2015, Bay d'Espoir Unit 4 unavailable (76.5 MW).
- B** As of 1327 hours, November 04, 2015, Hardwoods Gas Turbine derated to 38MW (50MW). End A 25MW, End B 19MW.
- C** As of 1200 hours, November 06, 2015, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.
- D** At 0046 hours, November 15, 2015, Holyrood Unit 1 unavailable. Previously available to 60MW pending full load test (170 MW).
- E** At 0329 hours, November 15, 2015, Holyrood Unit 1 available to 60MW pending full load test (170 MW).
- F** At 1143 hours, November 15, 2015, Nalcor Exploits Grand Falls Unit 9 available. No net impact to the Island Interconnected System.

Section 2 Island Interconnected Supply and Demand

Mon, Nov 16, 2015	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
			Morning	Evening	
Available Island System Supply: ⁵	1,805 MW	Monday, November 16, 2015	2	2	1,330
NLH Generation: ⁴	1,495 MW	Tuesday, November 17, 2015	2	2	1,295
NLH Power Purchases:	105 MW	Wednesday, November 18, 2015	2	-1	1,245
Other Island Generation:	205 MW	Thursday, November 19, 2015	1	1	1,190
Current St. John's Temperature:	2 °C	Friday, November 20, 2015	3	4	1,145
Current St. John's Windchill:	N/A °C	Saturday, November 21, 2015	4	2	1,110
7-Day Island Peak Demand Forecast:	1,330 MW	Sunday, November 22, 2015	2	4	1,110

Supply Notes For November 16, 2015

- Notes:
1. Generation outages for running and corrective maintenance are included. These are not unusual for power system operations. They generally do not impact customer supply. The power system operators schedule outages to system equipment whenever possible to coincide with periods when customer demands are low and sufficient supply reserves are available. However, from time to time equipment outages are necessary and reserves may be impacted.
 2. Due to the Island Interconnected System being isolated from the larger North American grid, when there is a sudden loss of large generating units some customer's load must be interrupted for short periods to bring generation output equal to customer demand. This automatic action of power system protection, referred to as underfrequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Underfrequency events typically occur 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes.
 3. As of 0800 Hours.
 4. Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
 5. Gross output from all Island sources (including Note 4).

Section 3 Island Peak Demand Information Previous Day Actual Peak and Current Day Forecast Peak

Sun, Nov 15, 2015	Actual Island Peak Demand ⁷	17:25	1,178 MW
Mon, Nov 16, 2015	Forecast Island Peak Demand		1,330 MW

- Notes: 7. Island Demand is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).