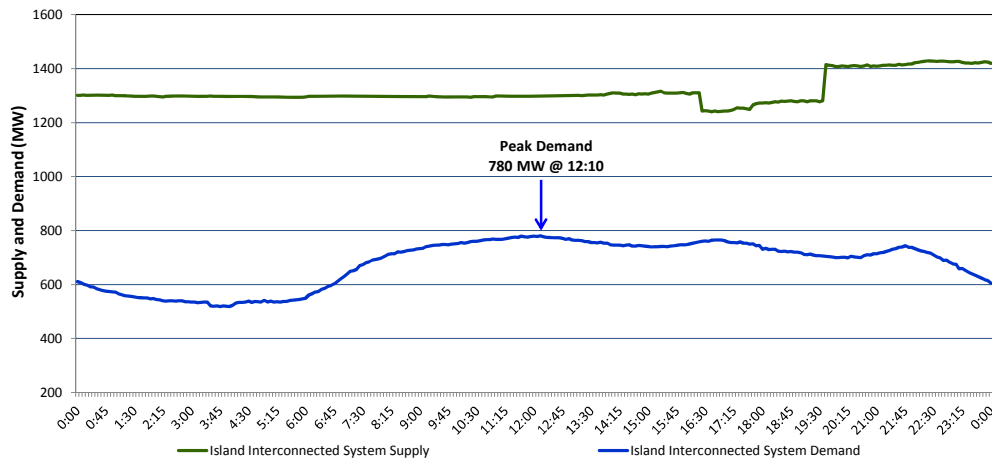


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Friday, July 17, 2015 (Revised - July 20, 2015)

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Thursday, July 16, 2015



Supply Notes For July 16, 2015

- A As of 1823 hours, March 01, 2015, Hardwoods Gas Turbine End B unavailable (25 MW).
- B As of 1333 hours, April 10, 2015, Holyrood Unit 3 removed from service for annual maintenance (150 MW).
- C As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 5 removed from service for annual maintenance (76.5 MW).
- D As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 6 removed from service for annual maintenance (76.5 MW).
- E As of 0824 hours, May 29, 2015, Hardwoods Gas Turbine End A unavailable (25 MW).
- F As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).
- G As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).
- H As of 0819 hours, July 06, 2015, Nalcor Exploits Unit 4 unavailable (30 MW). Net impact to Island System is 4 MW.
- I As of 1810 hours, July 08, 2015, Bay d'Espoir Unit 1 de-rated to 45 MW (76.5 MW).
- J At 1619 hours, July 16, 2015, Cat Arm Unit 2 unavailable (67 MW).
- K At 1741 hours, July 16, 2015, Star Lake Unit available (18 MW).
- L At 1936 hours, July 16, 2015, Cat Arm Unit 1 available (67MW).
- M At 1936 hours, July 16, 2015, Cat Arm Unit 2 available (67MW).

Section 2 Island Interconnected Supply and Demand

Fri, Jul 17, 2015 Island System Outlook ³		Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
			Morning	Evening	
Available Island System Supply: ⁵	1,445 MW	Friday, July 17, 2015	13	17	780
NLH Generation: ⁴	1,135 MW	Saturday, July 18, 2015	14	11	770
NLH Power Purchases:	110 MW	Sunday, July 19, 2015	8	9	795
Other Island Generation:	200 MW	Monday, July 20, 2015	8	10	820
Current St. John's Temperature:	13.5 °C	Tuesday, July 21, 2015	9	10	780
Current St. John's Windchill:	N/A °C	Wednesday, July 22, 2015	10	14	780
7-Day Island Peak Demand Forecast:	820 MW	Thursday, July 23, 2015	17	21	800

Supply Notes For July 17, 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

Thu, Jul 16, 2015	Actual Island Peak Demand ⁷	12:10	780 MW
Fri, Jul 17, 2015	Forecast Island Peak Demand		780 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).