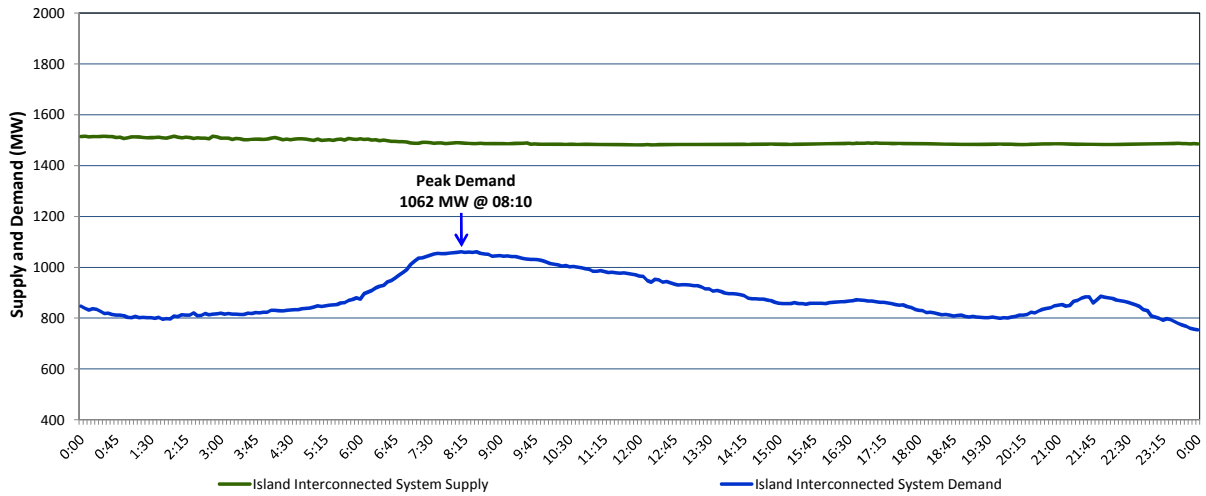


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Wednesday, June 07, 2017

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Tuesday, June 06, 2017



Supply Notes For June 06, 2017

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- A As of 2003 hours, May 03, 2017, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
- B As of 1510 hours, May 07, 2017, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
- C As of 1300 hours, May 16, 2017, St. Anthony Diesel Plant available at 7.7 MW (9.7 MW).
- D As of 1544 hours, May 19, 2017, Hawke's Bay Diesel Plant available at 2.5 MW (5 MW).
- E As of 1147 hours, May 31, 2017, Holyrood Unit 3 unavailable due to planned outage 147 MW (150 MW).
- F As of 1730 hours, May 31, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
- G As of 2235 hours, June 03, 2017, Holyrood Unit 2 available at 50 MW (170 MW).
- H As of 2312 hours, June 04, 2017, Holyrood Unit 1 was returned to service at 110 MW (170 MW).

Section 2 Island Interconnected Supply and Demand

Wed, Jun 07, 2017	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: ⁵	1,480 MW	Wednesday, June 07, 2017	5	3	1,020
NLH Generation: ⁴	1,180 MW	Thursday, June 08, 2017	2	7	1,090
NLH Power Purchases: ⁶	95 MW	Friday, June 09, 2017	12	14	830
Other Island Generation:	205 MW	Saturday, June 10, 2017	10	11	890
Current St. John's Temperature:	4 °C	Sunday, June 11, 2017	10	9	825
Current St. John's Windchill:	N/A °C	Monday, June 12, 2017	9	9	865
7-Day Island Peak Demand Forecast:	1,090 MW	Tuesday, June 13, 2017	12	11	855

Supply Notes For June 07, 2017

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- 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 under frequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Under frequency 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).
 6. NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.

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

Tue, Jun 06, 2017	Actual Island Peak Demand ⁸	08:10	1,062 MW
Wed, Jun 07, 2017	Forecast Island Peak Demand		1,020 MW

Notes: 8. 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).