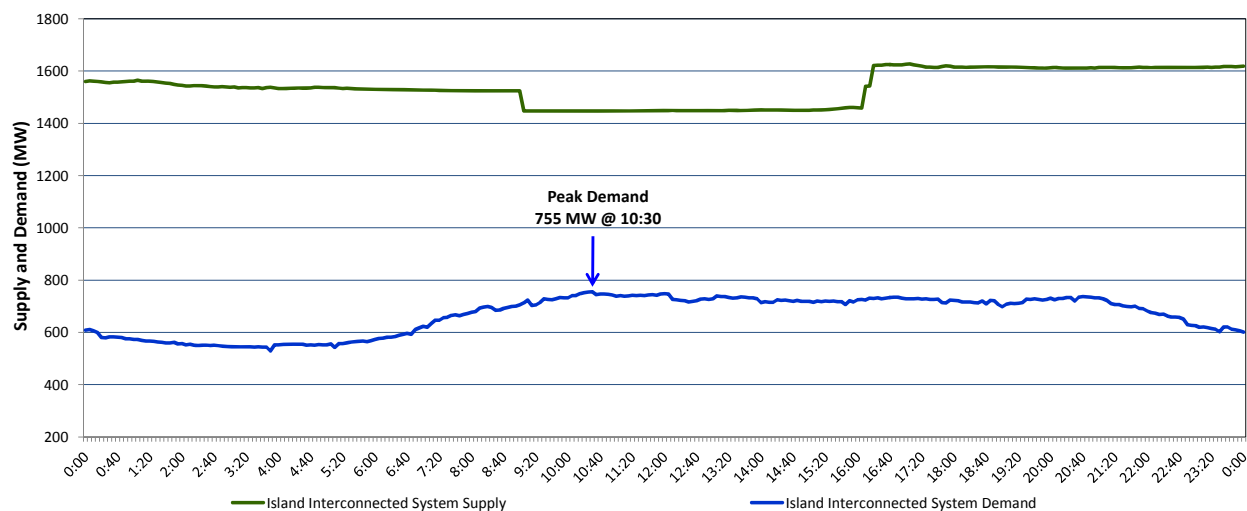


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Monday, August 28, 2017

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Friday, August 25, 2017



Supply Notes For August 25, 2017

- A** As of 1858 hours, June 22, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
B As of 0938 hours, June 23, 2017, Holyrood Unit 1 unavailable due to planned outage 120 MW (170 MW).
C As of 0827 hours, July 31, 2017, Holyrood Unit 2 unavailable due to planned outage 165 MW (170 MW).
D As of 1333 hours, August 17, 2017, Hardwoods Gas Turbine available at 25 MW (50 MW).
E At 0905 hours, August 25, 2017, Hinds Lake Unit unavailable due to planned outage (75 MW).
F At 1611 hours, August 25, 2017, Upper Salmon Unit available (84 MW).
G At 1617 hours, August 25, 2017, Hinds Lake Unit available (75 MW).

Section 2 Island Interconnected Supply and Demand

Sat, Aug 26, 2017		Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
				Morning	Evening	
Available Island System Supply: ⁵	1,615	MW	Saturday, August 26, 2017	17	11	820
NLH Generation: ⁴	1,305	MW	Sunday, August 27, 2017	11	12	815
NLH Power Purchases: ⁶	120	MW	Monday, August 28, 2017	13	12	810
Other Island Generation:	190	MW	Tuesday, August 29, 2017	13	17	805
Current St. John's Temperature:	13	°C	Wednesday, August 30, 2017	16	17	815
Current St. John's Windchill:	N/A	°C	Thursday, August 31, 2017	13	14	890
7-Day Island Peak Demand Forecast:	890	MW	Friday, September 01, 2017	15	16	805

Supply Notes For August 26, 2017

- Notes:**
- 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.
 - 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.
 - As of 0800 Hours.
 - Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
 - Gross output from all Island sources (including Note 4).
 - 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

Fri, Aug 25, 2017	Actual Island Peak Demand ⁸	10:30	755 MW
Sat, Aug 26, 2017	Forecast Island Peak Demand		820 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).