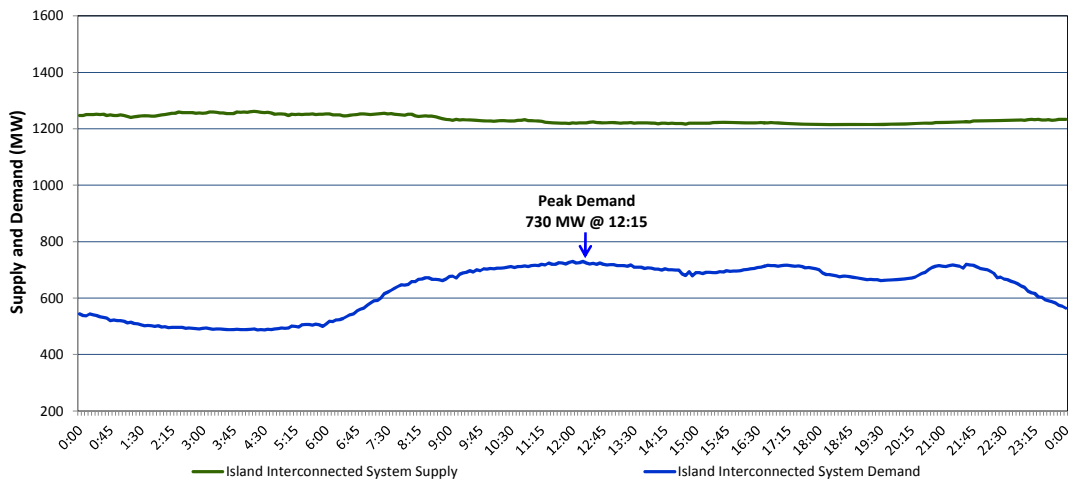


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, August 18, 2015

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Monday, August 17, 2015



Supply Notes For August 17, 2015

- A As of 1333 hours, April 10, 2015, Holyrood Unit 3 removed from service for annual maintenance (150 MW).
- B As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).
- C As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).
- D As of 1225 hours, July 30, 2015, Stephenville Gas Turbine derated to 30 MW (50 MW). End A 25 MW, End B 15 MW.
- E As of 1602 hours, July 31, 2015, Hardwoods Gas Turbine derated to 38 MW (50 MW). End A 20 MW, End B 19 MW.
- F As of 0949 hours, August 01, 2015, Holyrood Unit 1 removed from service for annual maintenance (170 MW).
- G As of 0816 hours, August 07, 2015, Nalcor Grand Falls Unit 9 unavailable (30 MW). Net loss to the system is 4 MW.
- H As of 1447 hours, August 14, 2015, Bay d'Espoir Unit 1 derated to 45 MW (76.5 MW).
- I As of 0912 hours, August 16, 2015, Bay d'Espoir Unit 7 removed from service for annual maintenance (154.4 MW).

Section 2 Island Interconnected Supply and Demand

Tue, Aug 18, 2015		Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
				Morning	Evening	Forecast
Available Island System Supply: ⁵	1,240	MW	Tuesday, August 18, 2015	19	23	790
NLH Generation: ⁴	940	MW	Wednesday, August 19, 2015	15	13	765
NLH Power Purchases:	105	MW	Thursday, August 20, 2015	14	15	780
Other Island Generation:	195	MW	Friday, August 21, 2015	18	19	775
Current St. John's Temperature:	17	°C	Saturday, August 22, 2015	19	21	755
Current St. John's Windchill:	N/A	°C	Sunday, August 23, 2015	20	17	730
7-Day Island Peak Demand Forecast:	790	MW	Monday, August 24, 2015	16	11	790

Supply Notes For August 18, 2015

- J At 0757 hours, August 18, 2015, Granite Canal Unit unavailable (40 MW).

- 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 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.
 - 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).

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

Mon, Aug 17, 2015	Actual Island Peak Demand ⁷	12:15	730 MW
Tue, Aug 18, 2015	Forecast Island Peak Demand		790 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).