

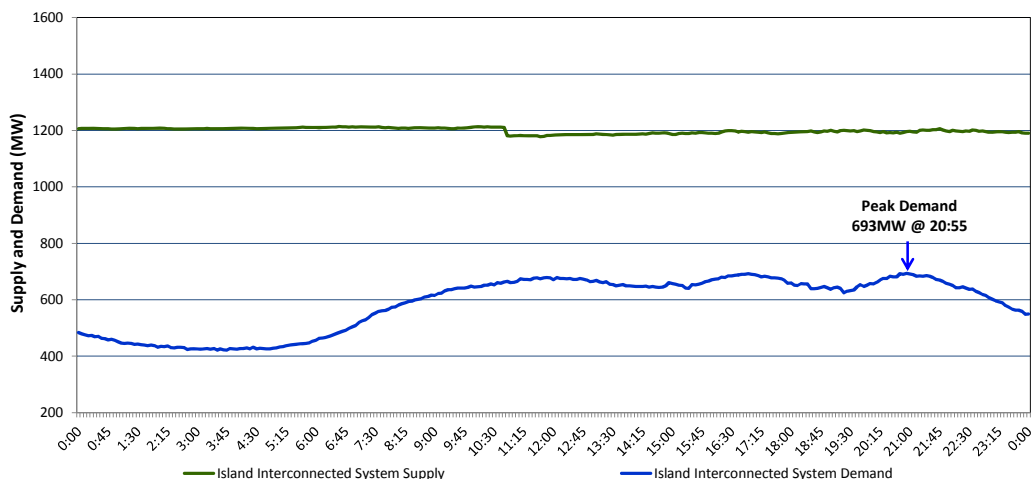
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Tuesday, September 01, 2015

Section 1

Island Interconnected System Supply and Demand

Actual 24 Hour System Performance For Monday, August 31, 2015



Supply Notes For August 31, 2015

- A As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).
- B As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).
- C As of 1602 hours, July 31, 2015, Hardwoods Gas Turbine derated to 38 MW (50 MW). End A 20 MW, End B 19 MW.
- D As of 0949 hours, August 01, 2015, Holyrood Unit 1 removed from service for annual maintenance (170 MW).
- E As of 0816 hours, August 07, 2015, Nalcor Grand Falls Unit 9 unavailable (30 MW). Net loss to the system is 4 MW.
- F As of 0912 hours, August 16, 2015, Bay d'Espoir Unit 7 removed from service for annual maintenance (154.4 MW).
- G As of 1330 hours, August 19, 2015, Bay d'Espoir Unit 2 unavailable (76.5 MW).
- H As of 1942 hours, August 20, 2015, Bay d'Espoir Unit 1 derated to 45 MW (76.5 MW).
- I As of 1728 hours, August 22, 2015, Star Lake Unit unavailable (18 MW).
- J As of 0955 hours, August 27, 2015, Holyrood Unit 3 derated to 70 MW (150 MW).
- K At 1042 hours, August 31, 2015, Stephenville Gas Turbine unavailable. Previously derated to 30 MW (50 MW).

Section 2

Island Interconnected Supply and Demand

Tue, Sep 01, 2015 Island System Outlook ³		Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)
				Morning	Evening	
Available Island System Supply: ⁵	1,185 MW	Tuesday, September 01, 2015		18	16	775
NLH Generation: ⁴	945 MW	Wednesday, September 02, 2015		14	13	800
NLH Power Purchases:	55 MW	Thursday, September 03, 2015		12	17	760
Other Island Generation:	185 MW	Friday, September 04, 2015		13	14	770
Current St. John's Temperature:	15 °C	Saturday, September 05, 2015		12	16	740
Current St. John's Windchill:	N/A °C	Sunday, September 06, 2015		17	15	760
7-Day Island Peak Demand Forecast:	810 MW	Monday, September 07, 2015		11	9	810

Supply Notes For September 01, 2015³

- 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 31, 2015	Actual Island Peak Demand ⁷	20:55	693 MW
Tue, Sep 01, 2015	Forecast Island Peak Demand		775 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).