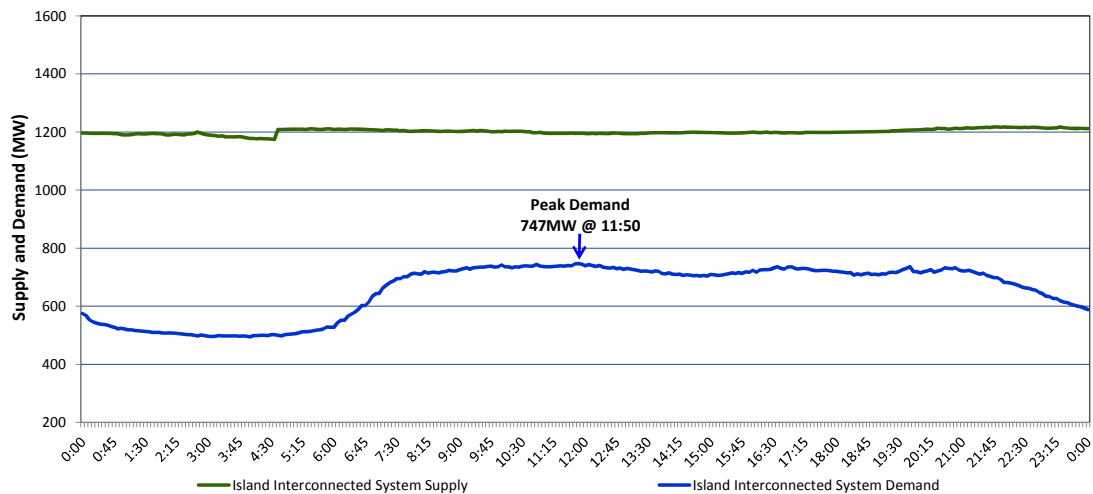


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Monday, September 14, 2015

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Friday, September 11, 2015



Supply Notes For September 11, 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 1330 hours, August 19, 2015, Bay d'Espoir Unit 2 unavailable (76.5 MW).
- F As of 1042 hours, August 31, 2015, Stephenville Gas Turbine unavailable. Previously derated to 30 MW (50 MW).
- G As of 1510 hours, September 02, 2015, Bay d'Espoir Unit 1 available. Derated to 45 MW (76.5 MW).
- H As of 1525 hours, September 07, 2015, Star Lake Unit unavailable. Previously derated to 12 MW (18 MW).
- I As of 0808 hours, September 08, 2015, Cat Arm Unit 2 unavailable (67 MW).
- J As of 2340 hours, September 08, 2015, Holyrood Unit 3 unavailable. Previously derated to 70 MW (150 MW).

Section 2 Island Interconnected System Supply and Demand

Sat, Sep 12, 2015		Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
				Morning	Evening	
Available Island System Supply: ⁵	1,260	MW	Saturday, September 12, 2015	14	13	770
NLH Generation: ⁴	965	MW	Sunday, September 13, 2015	15	17	760
NLH Power Purchases:	105	MW	Monday, September 14, 2015	12	12	790
Other Island Generation:	190	MW	Tuesday, September 15, 2015	15	16	765
Current St. John's Temperature:	14	°C	Wednesday, September 16, 2015	13	10	790
Current St. John's Windchill:	N/A	°C	Thursday, September 17, 2015	11	14	760
7-Day Island Peak Demand Forecast:	830	MW	Friday, September 18, 2015	12	8	830

Supply Notes For September 12, 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

Fri, Sep 11, 2015	Actual Island Peak Demand ⁷	11:50	747 MW
Sat, Sep 12, 2015	Forecast Island Peak Demand		770 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).