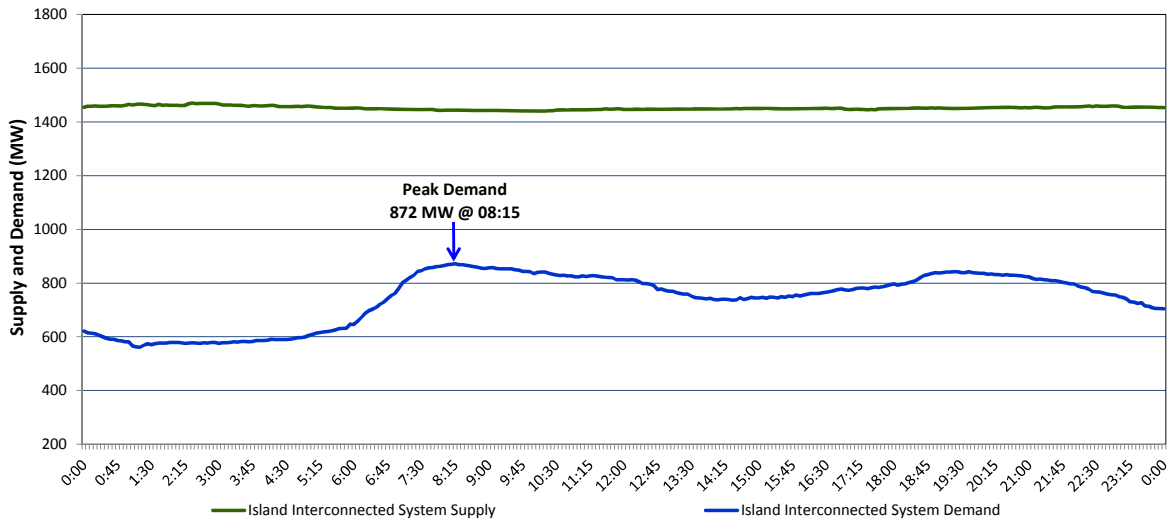


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Monday, October 19, 2015

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Friday, October 16, 2015



Supply Notes For October 16, 2015 ^{1,2}

- A As of 0949 hours, August 01, 2015, Holyrood Unit 1 removed from service for annual maintenance (170 MW).
- B As of 1042 hours, August 31, 2015, Stephenville Gas Turbine unavailable. Previously derated to 30 MW (50 MW).
- C As of 1605 hours, September 27, 2015, Bay d'Espoir Unit 4 unavailable (76.5 MW).
- D As of 1527 hours, October 07, 2015, Holyrood Unit 3 removed from service for economic dispatch (150 MW).
- E As of 1608 hours, October 09, 2015, Hardwoods Gas Turbine available. Derated to 38 MW (50 MW). End A 20 MW, End B 19 MW.
- F As of 1610 hours, October 11, 2015, Bay d'Espoir Unit 3 unavailable (76.5 MW).
- G At 0803 hours, October 16, 2015, St. Anthony Unit 544 (G6) available (2 MW).

Section 2 Island Interconnected Supply and Demand

Sat, Oct 17, 2015 Island System Outlook ³			Temperature (°C)		Island System Daily Peak Demand (MW)
Seven-Day Forecast			Morning	Evening	Forecast
Available Island System Supply: ⁵	1,465	MW	Saturday, October 17, 2015		880
NLH Generation: ⁴	1,160	MW	Sunday, October 18, 2015		955
NLH Power Purchases:	105	MW	Monday, October 19, 2015		1,055
Other Island Generation:	200	MW	Tuesday, October 20, 2015		1,120
Current St. John's Temperature:	11	°C	Wednesday, October 21, 2015		1,020
Current St. John's Windchill:	N/A	°C	Thursday, October 22, 2015		1,055
7-Day Island Peak Demand Forecast:	1,120	MW	Friday, October 23, 2015		1,005

Supply Notes For October 17, 2015 ³

- 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, Oct 16, 2015	Actual Island Peak Demand ⁷	08:15	872 MW
Sat, Oct 17, 2015	Forecast Island Peak Demand		880 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).