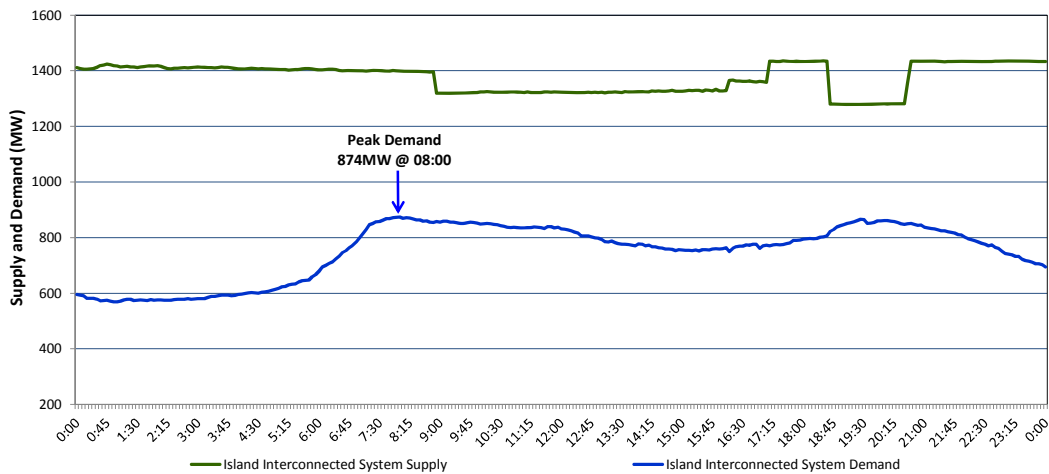


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, October 13, 2015

### Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Friday, October 09, 2015



#### Supply Notes For October 09, 2015

A	As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).
B	As of 0949 hours, August 01, 2015, Holyrood Unit 1 removed from service for annual maintenance (170 MW).
C	As of 1330 hours, August 19, 2015, Bay d'Espoir Unit 2 unavailable (76.5 MW).
D	As of 1042 hours, August 31, 2015, Stephenville Gas Turbine unavailable. Previously derated to 30 MW (50 MW).
E	As of 1605 hours, September 27, 2015, Bay d'Espoir Unit 4 unavailable (76.5 MW).
F	As of 1527 hours, October 07, 2015, Holyrood Unit 3 removed from service for economic dispatch (150 MW).
G	As of 0810 hours, October 08, 2015, St. Anthony Unit 544 (G6) unavailable (2 MW).
H	At 0852 hours, October 09, 2015, Bay d'Espoir Unit 1 unavailable (76.5 MW).
I	At 1608 hours, October 09, 2015, Hardwoods Gas Turbine available. Derated to 38 MW (50 MW). End A 20 MW, End B 19 MW.
J	At 1705 hours, October 09, 2015, Bay d'Espoir Unit 1 available (76.5 MW).
K	At 1839 hours, October 09, 2015, Bay d'Espoir Unit 1 unavailable (76.5 MW).
L	At 1839 hours, October 09, 2015, Bay d'Espoir Unit 5 unavailable (76.5 MW).
M	At 2040 hours, October 09, 2015, Bay d'Espoir Unit 1 available (76.5 MW).
N	At 2040 hours, October 09, 2015, Bay d'Espoir Unit 5 available (76.5 MW).

### Section 2 Island Interconnected Supply and Demand

Sat, Oct 10, 2015	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: <sup>5</sup>	1,490 MW	Saturday, October 10, 2015	10	8	905
NLH Generation: <sup>4</sup>	1,155 MW	Sunday, October 11, 2015	6	7	965
NLH Power Purchases:	130 MW	Monday, October 12, 2015	8	11	880
Other Island Generation:	205 MW	Tuesday, October 13, 2015	9	11	865
Current St. John's Temperature:	10 °C	Wednesday, October 14, 2015	14	14	840
Current St. John's Windchill:	N/A °C	Thursday, October 15, 2015	13	12	855
7-Day Island Peak Demand Forecast:	965 MW	Friday, October 16, 2015	13	15	885

#### Supply Notes For October 10, 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, Oct 09, 2015	Actual Island Peak Demand <sup>7</sup>	08:00	874 MW
Sat, Oct 10, 2015	Forecast Island Peak Demand		905 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).