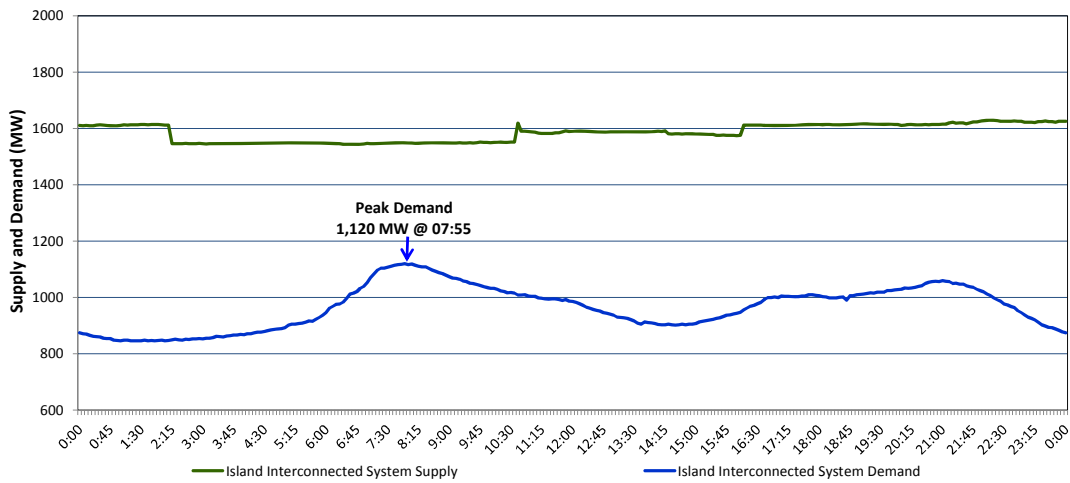


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Wednesday, May 13, 2015**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Tuesday, May 12, 2015**



**Supply Notes For May 12, 2015**

- A As of 1823 hours, March 01, 2015, Hardwoods Gas Turbine End B unavailable (25 MW).
- B As of 1333 hours, April 10, 2015, Holyrood Unit 3 removed from service for annual maintenance (150 MW).
- C As of 0843 hours, April 26, 2015, Bay d'Espoir Unit 1 removed from service for annual maintenance (76.5 MW).
- D As of 0843 hours, April 26, 2015, Bay d'Espoir Unit 2 removed from service for maintenance (76.5 MW).
- E As of 1034 hours, May 1, 2015, Stephenville Gas Turbine unavailable (50 MW).
- F As of 1702 hours, May 1, 2015, Nalcor Exploits Bishop's Falls plant production near normal 11 MW (18 MW).
- G As of 1520 hours, May 10, 2015, Paradise River Unit removed from service for annual maintenance (8 MW).
- H **At 0106 hours, May 12, 2015, Cat Arm Unit 2 unavailable (67 MW).**
- I **At 1033 hours, May 12, 2015, Cat Arm Unit 2 returned to service (67 MW).**

**Section 2  
Island Interconnected Supply and Demand**

Wed, May 13, 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>2</sup>	1,630 MW	Wednesday, May 13, 2015	5	1	1,135
NLH Generation: <sup>4</sup>	1,305 MW	Thursday, May 14, 2015	1	4	1,140
NLH Power Purchases:	110 MW	Friday, May 15, 2015	6	9	1,025
Other Island Generation:	215 MW	Saturday, May 16, 2015	7	1	1,000
Current St. John's Temperature:	3 °C	Sunday, May 17, 2015	1	2	1,055
Current St. John's Windchill:	N/A °C	Monday, May 18, 2015	3	4	1,000
7-Day Island Peak Demand Forecast:	1,140 MW	Tuesday, May 19, 2015	6	7	1,015

**Supply Notes For May 13, 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**

Tue, May 12, 2015	Actual Island Peak Demand <sup>7</sup>	07:55	1,120 MW
Wed, May 13, 2015	Forecast Island Peak Demand		1,135 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).