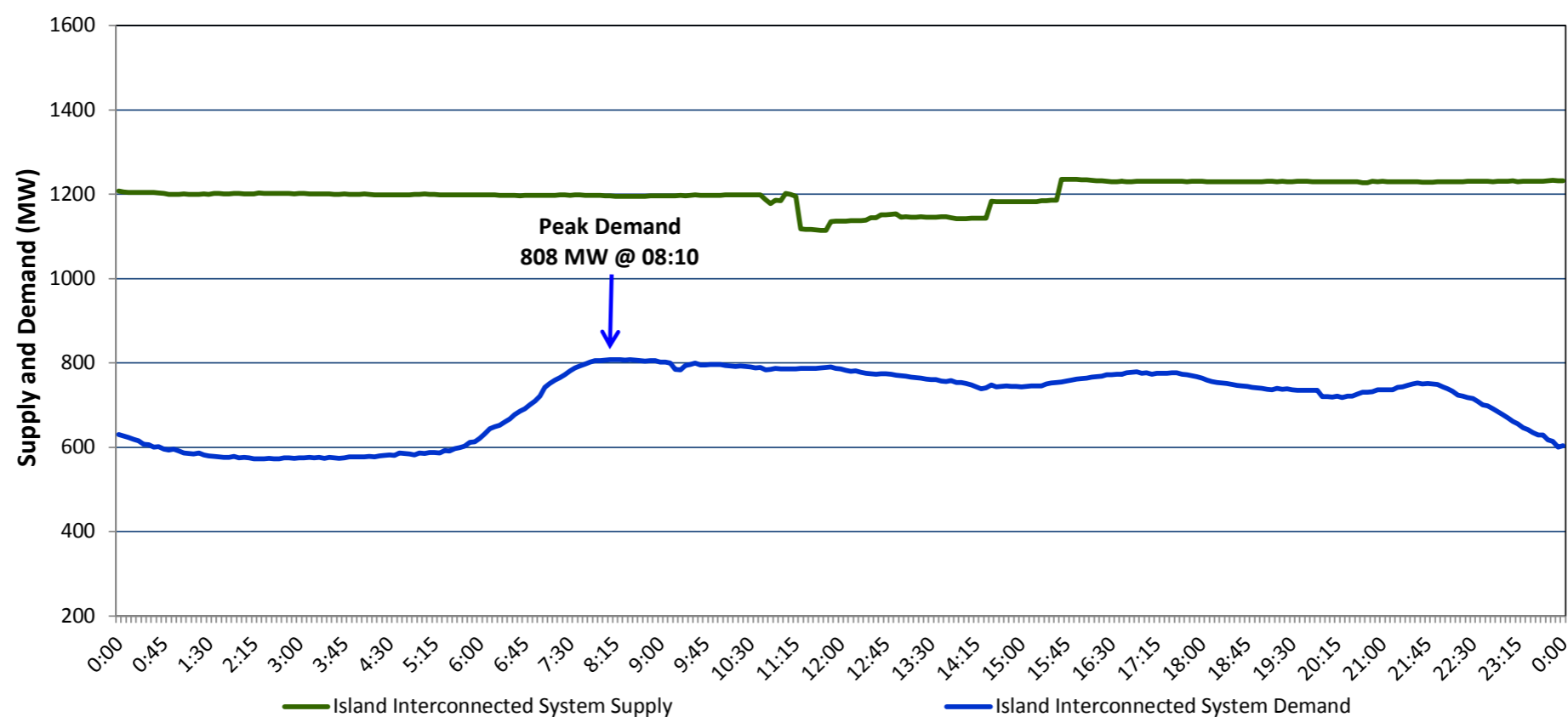


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, June 12, 2015**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Thursday, June 11, 2015**



**Supply Notes For June 11, 2015**

- 1.2
- 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 0808 hours, May 27, 2015, Bay d'Espoir Unit 5 removed from service for annual maintenance (76.5 MW).
  - E As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 6 removed from service for annual maintenance (76.5 MW).
  - F As of 0824 hours, May 29, 2015, Hardwoods Gas Turbine End A unavailable (25 MW).
  - G As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).
  - H As of 1109 hours, June 09, 2015, Holyrood Combustion Turbine removed from service for maintenance (123.5 MW).
  - I **At 1115 hours, June 11, 2015, Stephenville Gas Turbine removed from service for maintenance (50 MW).**
  - J **At 1148 hours, June 11, 2015, Star Lake Unit returned to service (18 MW).**
  - K **At 1428 hours, June 11, 2015, Granite Canal Unit returned to service (40 MW).**
  - L **At 1535 hours, June 11, 2015, Stephenville Gas Turbine returned to service (50 MW).**

**Section 2  
Island Interconnected Supply and Demand**

Fri, Jun 12, 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>	1,270 MW	Friday, June 12, 2015	15	16	800
NLH Generation: <sup>4</sup>	970 MW	Saturday, June 13, 2015	13	15	790
NLH Power Purchases:	95 MW	Sunday, June 14, 2015	10	5	920
Other Island Generation:	205 MW	Monday, June 15, 2015	7	7	910
Current St. John's Temperature:	15 °C	Tuesday, June 16, 2015	10	12	860
Current St. John's Windchill:	N/A °C	Wednesday, June 17, 2015	10	11	870
7-Day Island Peak Demand Forecast:	920 MW	Thursday, June 18, 2015	13	14	785

**Supply Notes For June 12, 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**

Thu, Jun 11, 2015	Actual Island Peak Demand <sup>7</sup>	08:10	808 MW
Fri, Jun 12, 2015	Forecast Island Peak Demand		800 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).