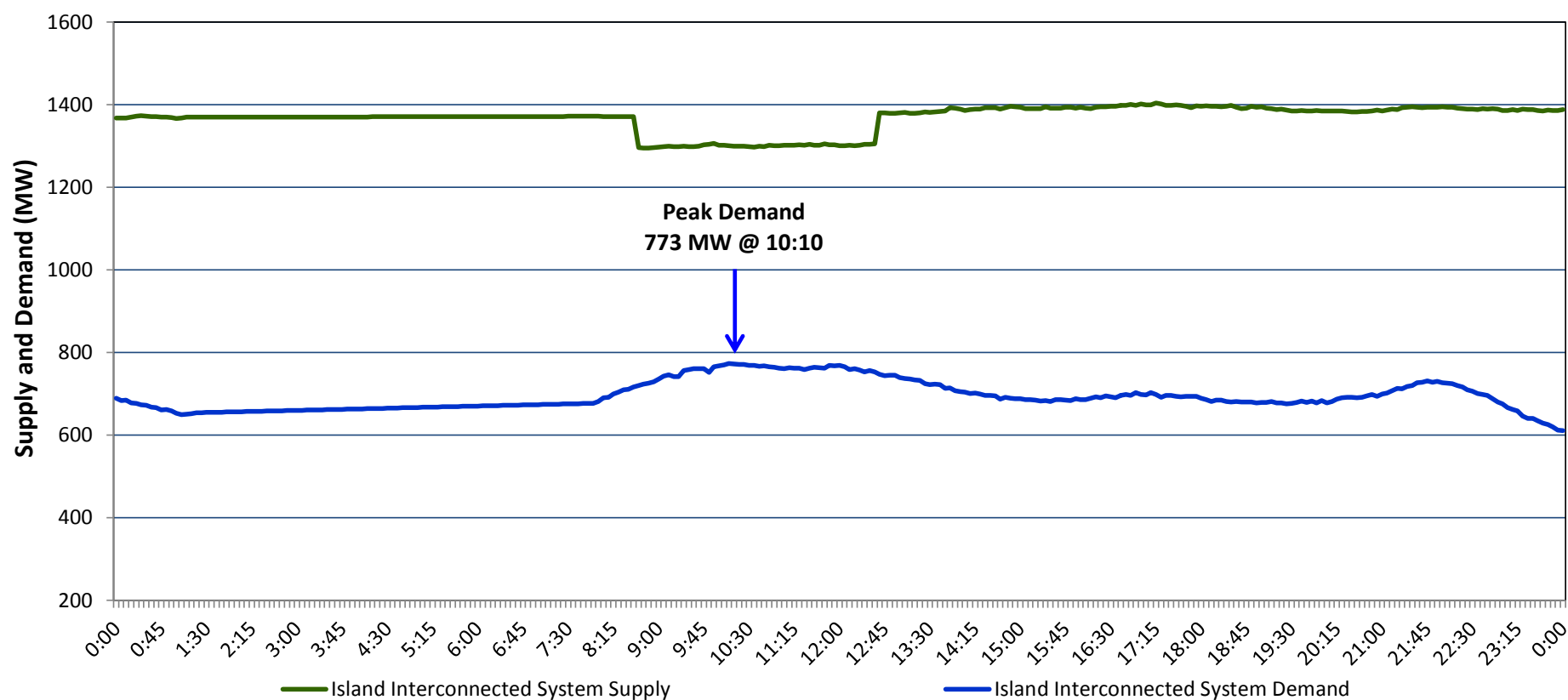


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, June 29, 2015**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Sunday, June 28, 2015**



**Supply Notes For June 28, 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 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).
  - I **At 0838 hours, June 28, 2015, Bay d'Espoir Unit 4 unavailable due to maintenance (76.5 MW).**
  - J **At 1239 hours, June 28, 2015, Bay d'Espoir Unit 4 available for service (76.5 MW).**

**Section 2  
Island Interconnected Supply and Demand**

Mon, Jun 29, 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>	<b>1,385 MW</b>	Monday, June 29, 2015	13	10	<b>795</b>
NLH Generation: <sup>4</sup>	1,090 MW	Tuesday, June 30, 2015	13	16	805
NLH Power Purchases:	100 MW	Wednesday, July 01, 2015	14	16	750
Other Island Generation:	195 MW	Thursday, July 02, 2015	15	14	770
Current St. John's Temperature:	11 °C	Friday, July 03, 2015	12	16	795
Current St. John's Windchill:	N/A °C	Saturday, July 04, 2015	15	15	755
7-Day Island Peak Demand Forecast:	<b>805 MW</b>	Sunday, July 05, 2015	17	11	745

**Supply Notes For June 29, 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**

Sun, Jun 28, 2015	Actual Island Peak Demand <sup>7</sup>	10:10	773 MW
Mon, Jun 29, 2015	Forecast Island Peak Demand		795 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).