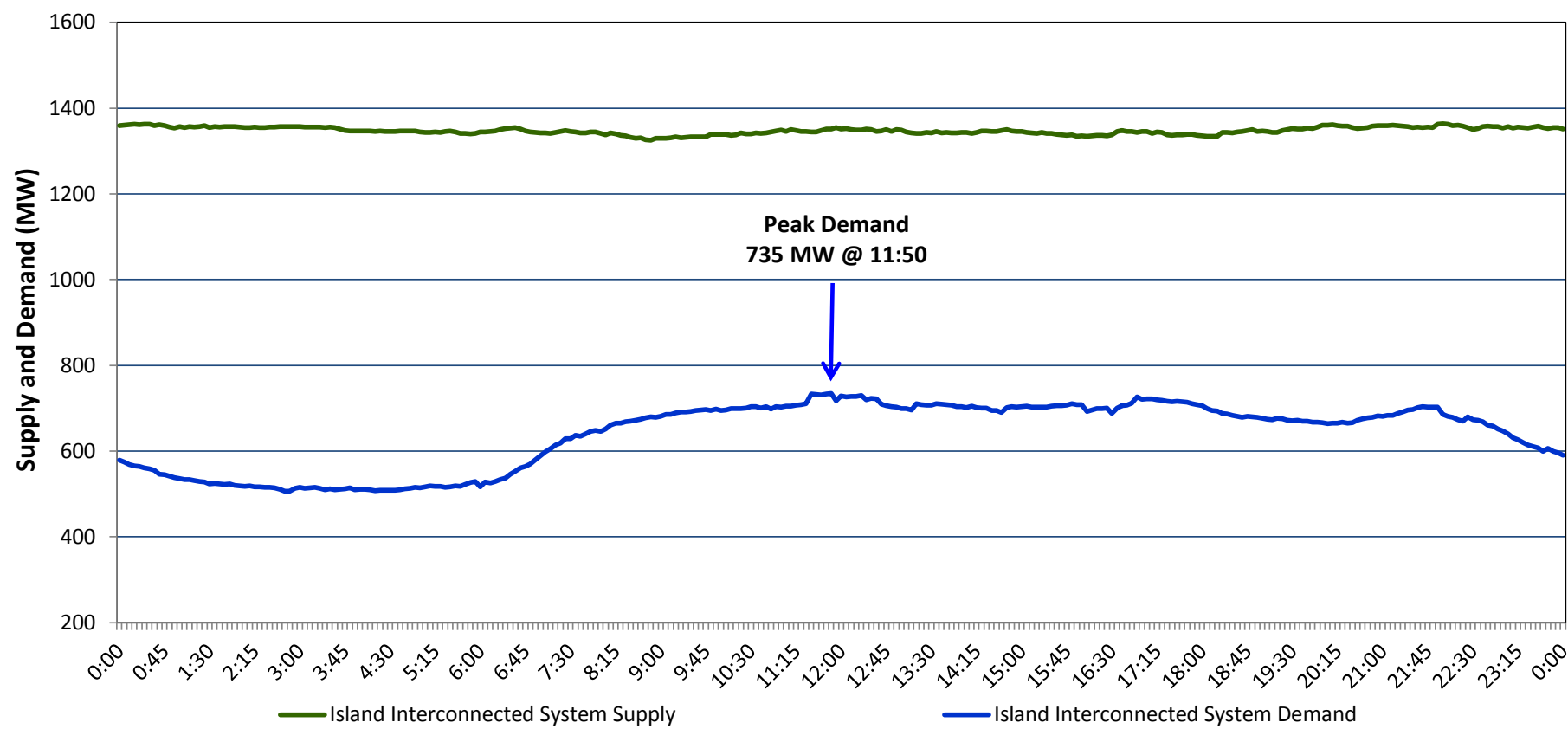


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, July 10, 2015**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Thursday, July 09, 2015**



Supply Notes For July 09, 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 0808 hours, May 27, 2015, Bay d'Espoir Unit 5 removed from service for annual maintenance (76.5 MW).
 - D As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 6 removed from service for annual maintenance (76.5 MW).
 - E As of 0824 hours, May 29, 2015, Hardwoods Gas Turbine End A unavailable (25 MW).
 - F As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).
 - G As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).
 - H As of 0819 hours, July 06, 2015, Nalcor Exploits Unit 4 unavailable (30 MW). Net impact to Island System is 4 MW.
 - I As of 0842 hours, July 06, 2015, Cat Arm Unit 1 unavailable (67 MW).
 - J As of 1810 hours, July 08, 2015, Bay d'Espoir Unit 1 de-rated to 45 MW (76.5 MW).
 - K **At 1632 hours, July 09, 2015, Paradise River Unit available (8 MW).**

**Section 2
Island Interconnected Supply and Demand**

Fri, Jul 10, 2015	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: ⁵	1,365 MW	Friday, July 10, 2015	18	12	765
NLH Generation: ⁴	1,060 MW	Saturday, July 11, 2015	10	9	790
NLH Power Purchases:	95 MW	Sunday, July 12, 2015	7	12	800
Other Island Generation:	210 MW	Monday, July 13, 2015	14	18	790
Current St. John's Temperature:	16 °C	Tuesday, July 14, 2015	15	17	770
Current St. John's Windchill:	N/A °C	Wednesday, July 15, 2015	13	17	795
7-Day Island Peak Demand Forecast:	800 MW	Thursday, July 16, 2015	17	13	780

Supply Notes For July 10, 2015

- 3
- L **At 0502 hours, July 10, 2015, Paradise River Unit unavailable (8 MW).**

- 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, Jul 09, 2015	Actual Island Peak Demand ⁷	11:50	735 MW
Fri, Jul 10, 2015	Forecast Island Peak Demand		765 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).