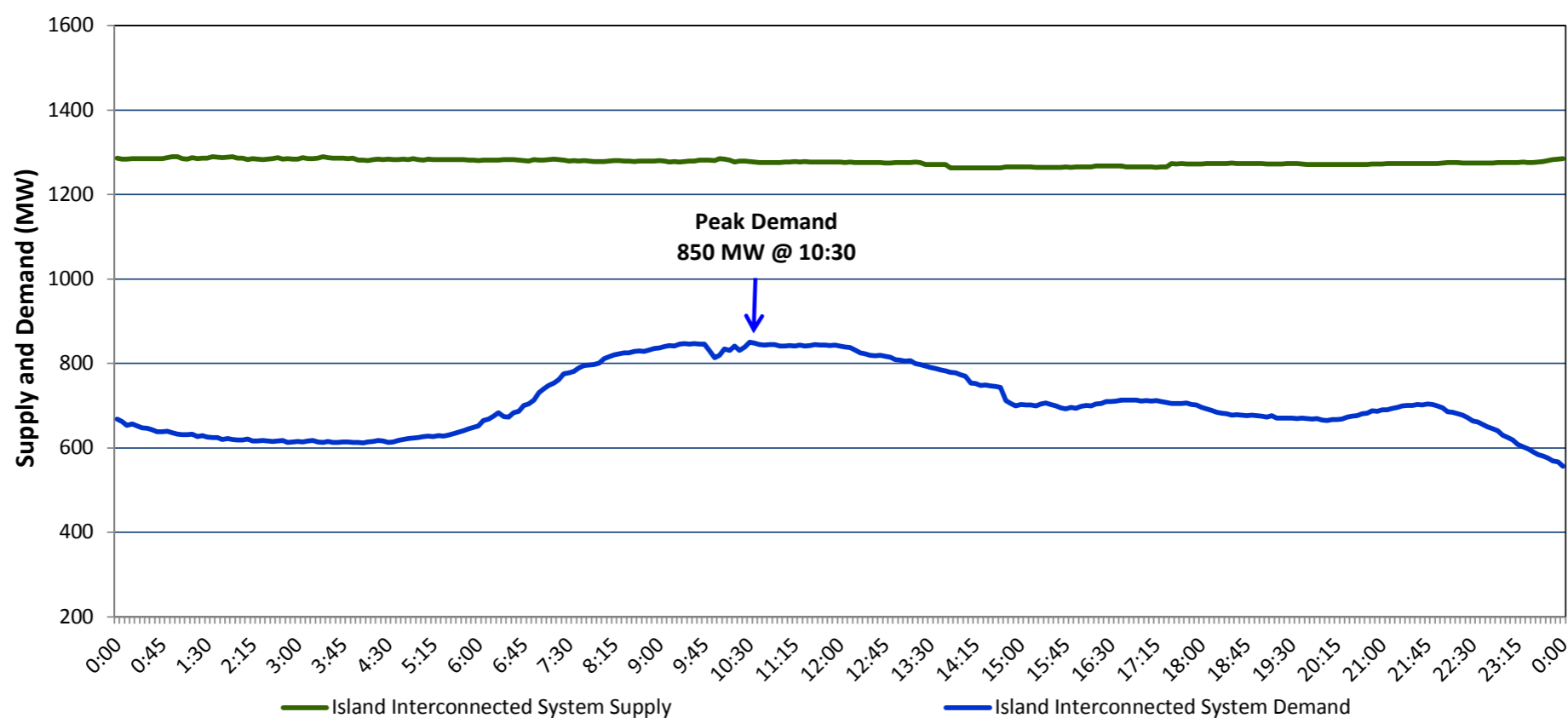


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Wednesday, July 08, 2015**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Tuesday, July 07, 2015**



**Supply Notes For July 07, 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 As of 0819 hours, July 06, 2015, Nalcor Exploits Unit 4 unavailable (30 MW). Net impact to Island System is 4 MW.
  - J As of 0842 hours, July 06, 2015, Cat Arm Unit 1 unavailable (67 MW).
  - K At 1346 hours, July 07, 2015, Paradise River Unit unavailable (8 MW).
  - L At 1726 hours, July 07, 2015, Paradise River Unit available (8 MW).

**Section 2  
Island Interconnected Supply and Demand**

Wed, Jul 08, 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>	1,300 MW	Wednesday, July 08, 2015	13	15	800
NLH Generation: <sup>4</sup>	1,025 MW	Thursday, July 09, 2015	16	18	765
NLH Power Purchases:	90 MW	Friday, July 10, 2015	18	15	775
Other Island Generation:	185 MW	Saturday, July 11, 2015	10	9	785
Current St. John's Temperature:	11 °C	Sunday, July 12, 2015	9	9	805
Current St. John's Windchill:	N/A °C	Monday, July 13, 2015	9	11	815
7-Day Island Peak Demand Forecast:	815 MW	Tuesday, July 14, 2015	15	17	785

**Supply Notes For July 08, 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**

Tue, Jul 07, 2015	Actual Island Peak Demand <sup>7</sup>	10:30	850 MW
Wed, Jul 08, 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).