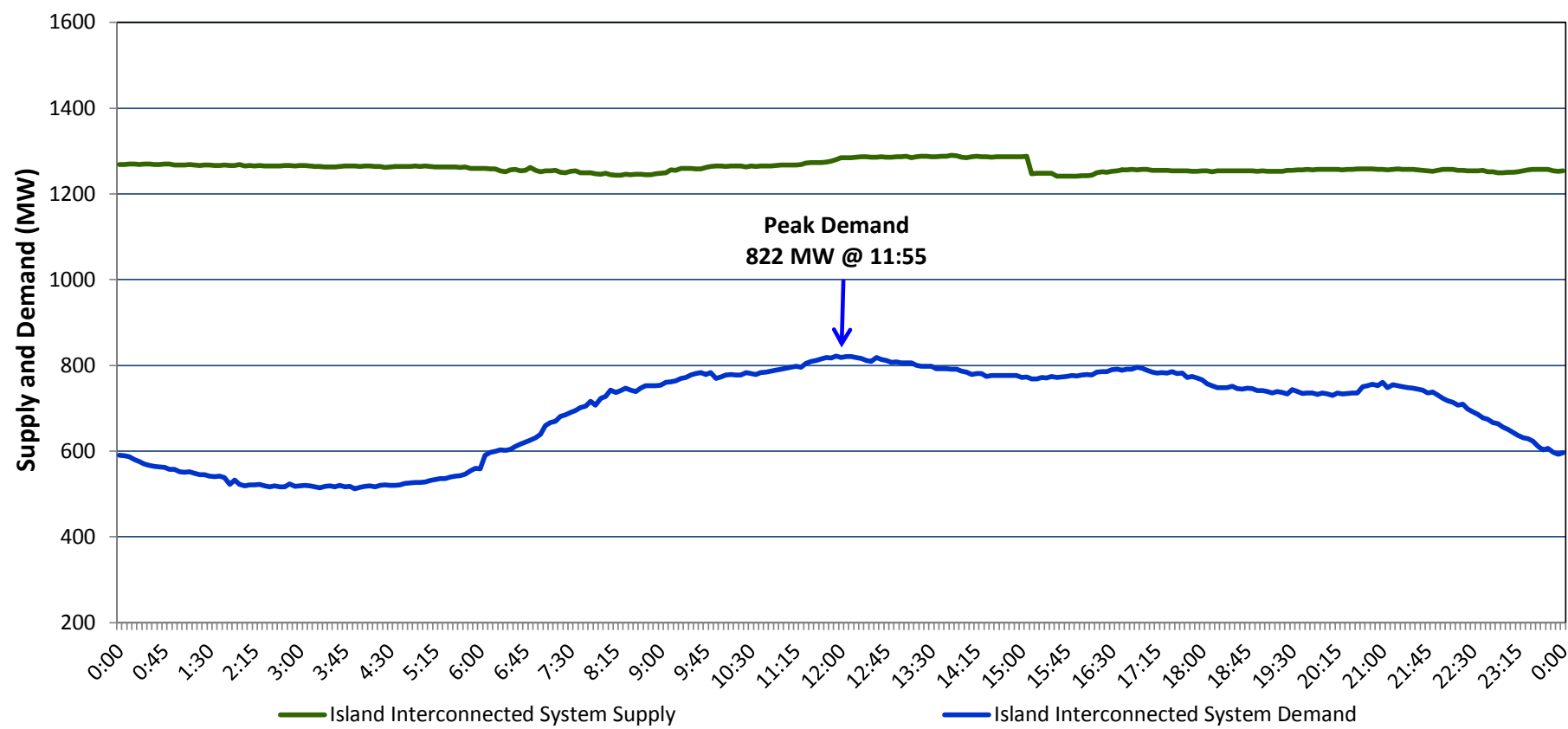


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Tuesday, August 11, 2015**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Monday, August 10, 2015**



**Supply Notes For August 10, 2015**

- 1,2
- A As of 1333 hours, April 10, 2015, Holyrood Unit 3 removed from service for annual maintenance (150 MW).
  - B As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 5 removed from service for annual maintenance (76.5 MW).
  - C As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).
  - D As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).
  - E As of 1810 hours, July 08, 2015, Bay d'Espoir Unit 1 derated to 45 MW (76.5 MW).
  - F As of 1225 hours, July 30, 2015, Stephenville Gas Turbine derated to 30 MW (50 MW). End A 25 MW, End B 15 MW
  - G As of 1602 hours, July 31, 2015, Hardwoods Gas Turbine derated to 38 MW (50 MW). End A 20 MW, End B 19 MW.
  - H As of 0949 hours, August 01, 2015, Holyrood Unit 1 removed from service for annual maintenance (170 MW).
  - I As of 0950 hours, August 02, 2015, Upper Salmon Unit removed from service for annual maintenance (84 MW).
  - J As of 0816 hours, August 07, 2015, Nalcor Grand Falls Unit 9 unavailable (30 MW). Net loss to the system is 4 MW.
  - K **At 1506 hours, August 10, 2015, Granite Canal Unit unavailable (40 MW).**

**Section 2  
Island Interconnected Supply and Demand**

Tue, Aug 11, 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>	1,240 MW	Tuesday, August 11, 2015	14	17	785
NLH Generation: <sup>4</sup>	935 MW	Wednesday, August 12, 2015	16	13	785
NLH Power Purchases:	100 MW	Thursday, August 13, 2015	22	21	785
Other Island Generation:	205 MW	Friday, August 14, 2015	19	19	785
Current St. John's Temperature:	14 °C	Saturday, August 15, 2015	18	19	760
Current St. John's Windchill:	N/A °C	Sunday, August 16, 2015	17	17	750
7-Day Island Peak Demand Forecast:	795 MW	Monday, August 17, 2015	14	16	795

**Supply Notes For August 11, 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**

Mon, Aug 10, 2015	Actual Island Peak Demand <sup>7</sup>	11:55	822 MW
Tue, Aug 11, 2015	Forecast Island Peak Demand		785 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).