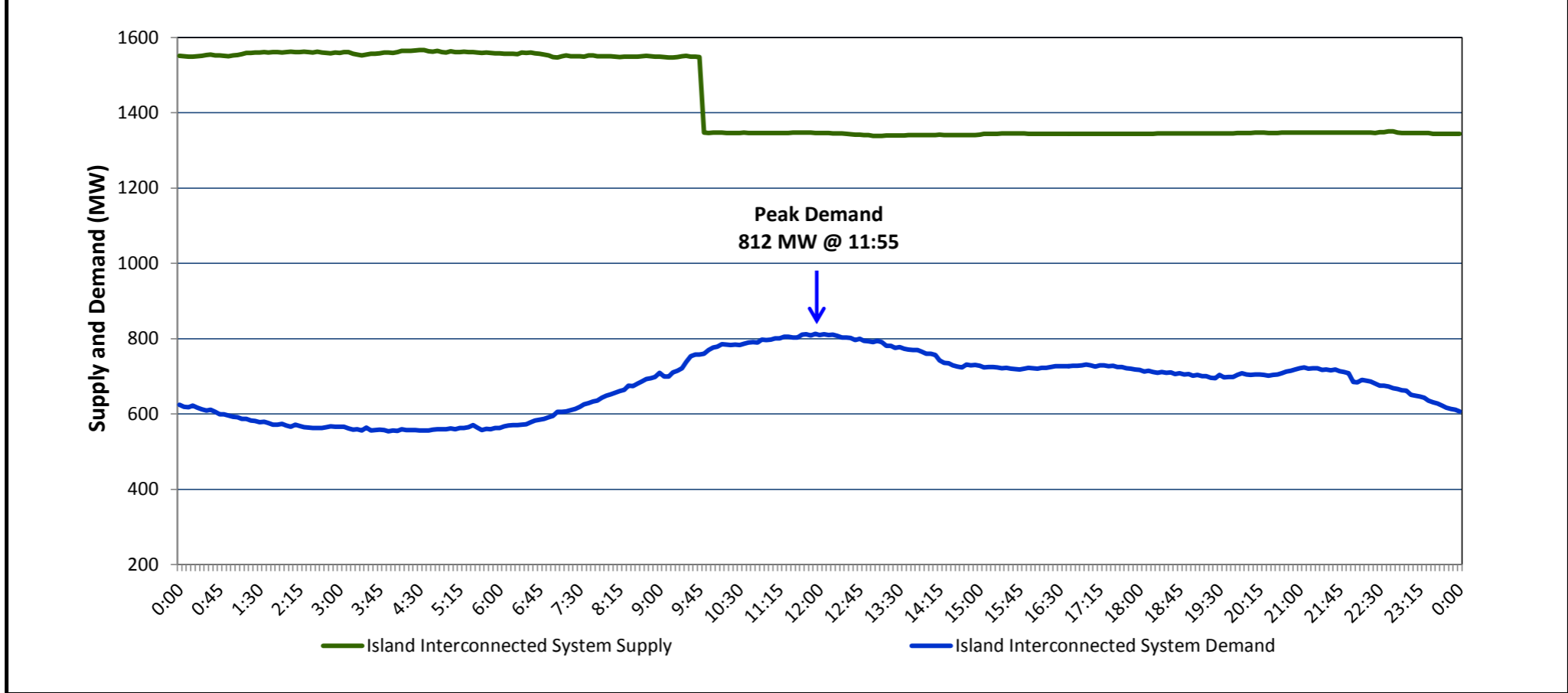


**Newfoundland Labrador Hydro (NLH)**  
**Supply and Demand Status Report Filed Monday, August 03, 2015 (Revised - August 04, 2015)**

**Section 1**  
**Island Interconnected System Supply and Demand**  
**Actual 24 Hour System Performance For Saturday, August 01, 2015**



**Supply Notes For August 01, 2015** <sup>1,2</sup>

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 **At 0949 hours, August 01, 2015, Holyrood Unit 1 removed from service for annual maintenance (170 MW).**

**Section 2**  
**Island Interconnected Supply and Demand**

Sun, Aug 02, 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>1,345</b> MW	Sunday, August 02, 2015	15	19	<b>755</b>
NLH Generation: <sup>4</sup>	<b>1,060</b> MW	Monday, August 03, 2015	17	20	780
NLH Power Purchases:	100 MW	Tuesday, August 04, 2015	18	15	795
Other Island Generation:	185 MW	Wednesday, August 05, 2015	13	13	845
Current St. John's Temperature:	16 °C	Thursday, August 06, 2015	16	15	800
Current St. John's Windchill:	N/A °C	Friday, August 07, 2015	16	14	810
7-Day Island Peak Demand Forecast:	<b>845</b> MW	Saturday, August 08, 2015	14	10	795

**Supply Notes For August 02, 2015** <sup>3</sup>

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**

Sat, Aug 01, 2015	Actual Island Peak Demand <sup>7</sup>	11:55	812 MW
Sun, Aug 02, 2015	Forecast Island Peak Demand		755 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).