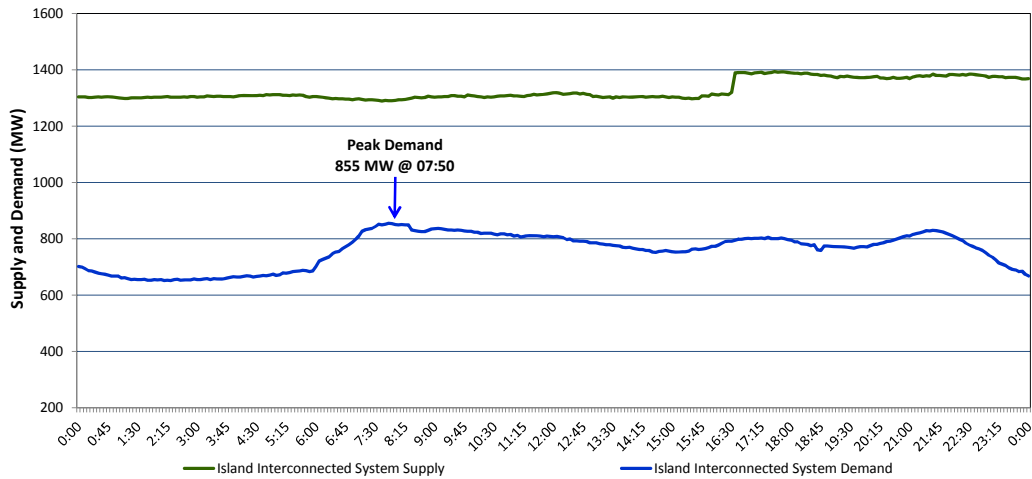


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Wednesday, June 17, 2015**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Tuesday, June 16, 2015**



**Supply Notes For June 16, 2015**

- <sup>1,2</sup>
- 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 1529 hours, June 12, 2015, Stephenville Gas Turbine End A unavailable (25 MW).
  - I **At 1258 hours, June 16, 2015, Paradise River removed from service (8 MW).**
  - J **At 1630 hours, June 16, 2015, Paradise River returned to service (8 MW).**
  - K **At 1638 hours, June 16, 2015, Cat Arm Unit 2 returned to service (67 MW).**

**Section 2  
Island Interconnected Supply and Demand**

Wed, Jun 17, 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>	1,400 MW	Wednesday, June 17, 2015	11	11	835
NLH Generation: <sup>4</sup>	1,045 MW	Thursday, June 18, 2015	10	15	809
NLH Power Purchases:	130 MW	Friday, June 19, 2015	13	9	764
Other Island Generation:	225 MW	Saturday, June 20, 2015	11	12	692
Current St. John's Temperature:	8 °C	Sunday, June 21, 2015	11	14	692
Current St. John's Windchill:	N/A °C	Monday, June 22, 2015	10	11	739
7-Day Island Peak Demand Forecast:	835 MW	Tuesday, June 23, 2015	10	14	818

**Supply Notes For June 17, 2015**

- <sup>3</sup>
- L **At 0720 hours, June 17, 2015, Stephenville Gas Turbine End B unavailable (25 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**

Tue, Jun 16, 2015	Actual Island Peak Demand <sup>7</sup>	07:50	855 MW
Wed, Jun 17, 2015	Forecast Island Peak Demand		835 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).