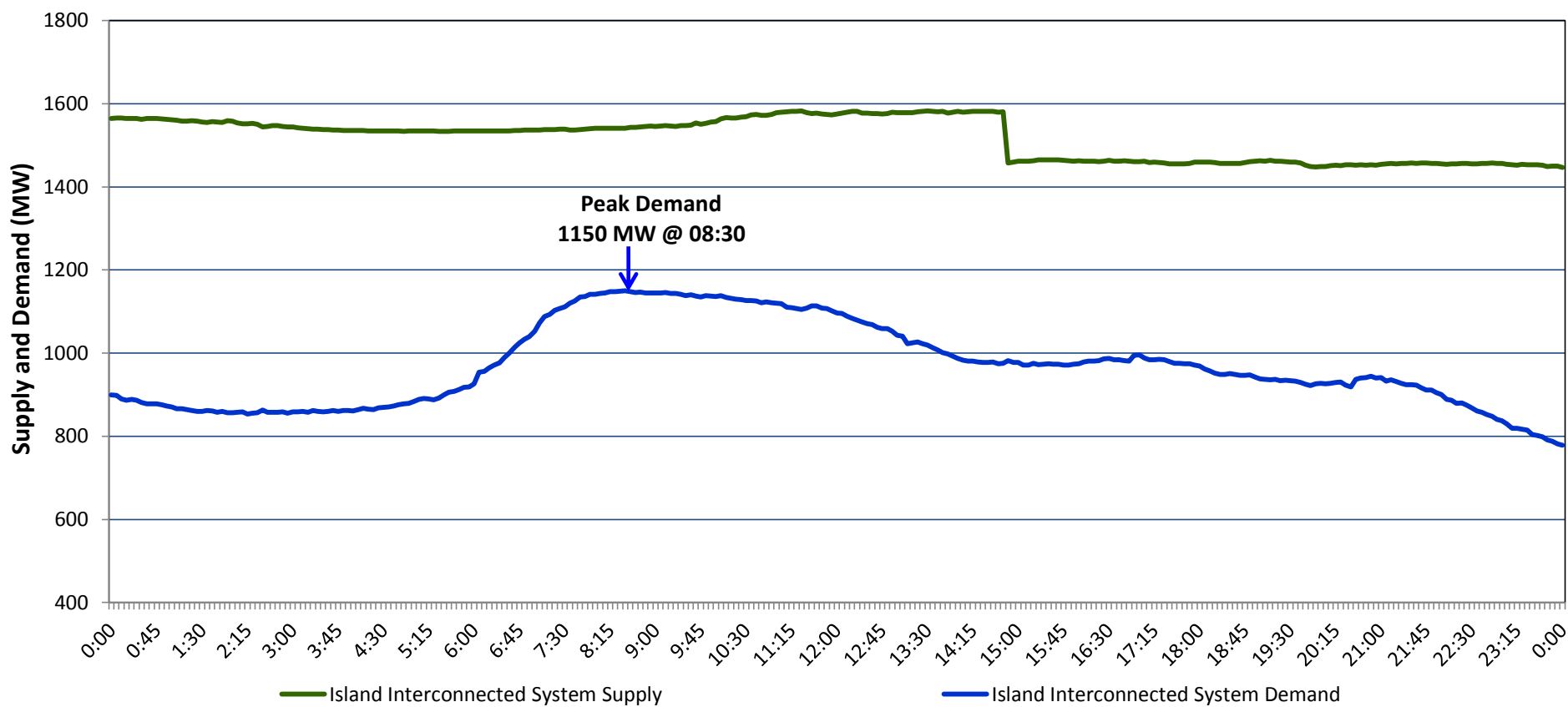


Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, May 09, 2016

Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Friday, May 06, 2016



Supply Notes For May 06, 2016

- A As of 1956 hours, January 14, 2016, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.
- B As of 0732 hours, February 29, 2016, Hardwoods Gas Turbine derated to 38 MW (50 MW). End A 19 MW, End B 25 MW.
- C As of 1526 hours, March 26, 2016, Stephenville Gas Turbine End A unavailable (25 MW).
- D As of 0848 hours, April 03, 2016, Bay d'Espoir Unit 1 unavailable (76.5 MW).
- E As of 1029 hours, April 15, 2016, Holyrood Unit 3 unavailable (150 MW).
- F As of 1400 hours, April 24, 2016, Bay d'Espoir Unit 5 unavailable (76.5 MW).
- G As of 2209 hours, April 30, 2016, Holyrood Unit 1 derated to 120 MW (170 MW).
- H At 1448 hours, May 06, 2016, Holyrood Unit 2 unavailable (170 MW) previously derated to 120 MW.

Section 2  
Island Interconnected Supply and Demand

Sat, May 07, 2016	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>	1,465 MW	Saturday, May 07, 2016	6	6	930
NLH Generation: <sup>4</sup>	1,135 MW	Sunday, May 08, 2016	13	9	880
NLH Power Purchases: <sup>6</sup>	115 MW	Monday, May 09, 2016	13	7	890
Other Island Generation:	215 MW	Tuesday, May 10, 2016	7	7	990
Current St. John's Temperature:	7 °C	Wednesday, May 11, 2016	6	7	980
Current St. John's Windchill:	N/A °C	Thursday, May 12, 2016	4	4	1,040
7-Day Island Peak Demand Forecast:	1,070 MW	Friday, May 13, 2016	4	7	1,070

Supply Notes For May 07, 2016

- 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 under frequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Under frequency 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).
6. NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.

Section 3  
Island Peak Demand Information  
Previous Day Actual Peak and Current Day Forecast Peak

Fri, May 06, 2016	Actual Island Peak Demand <sup>8</sup>	08:30	1,150 MW
Sat, May 07, 2016	Forecast Island Peak Demand		930 MW

Notes: 8. 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).