

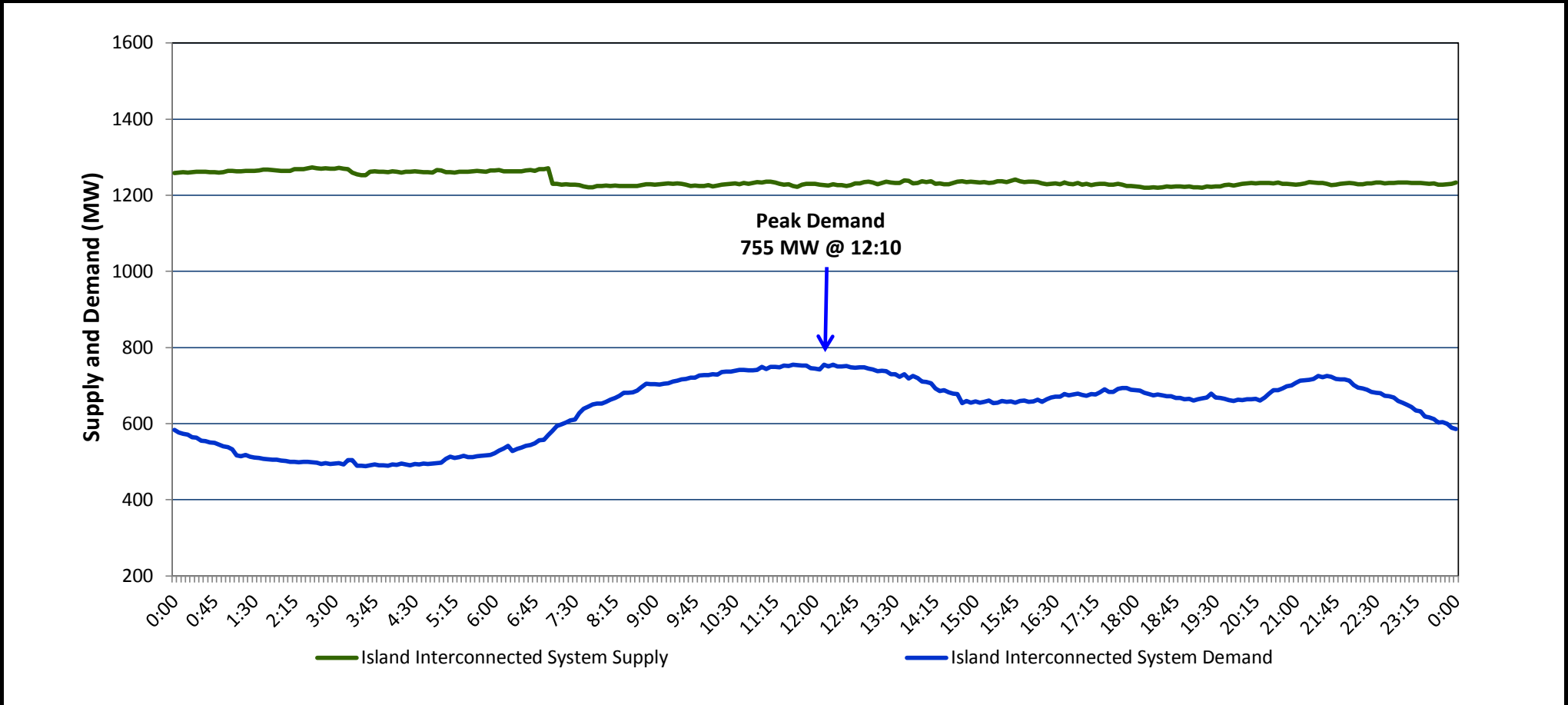
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Tuesday, August 04, 2015

Section 1

Island Interconnected System Supply and Demand

Actual 24 Hour System Performance For Monday, August 03, 2015



Supply Notes For August 03, 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

At 0701 hours, August 03, 2015, Granite Canal Unit unavailable (40 MW).

Section 2						
Island Interconnected Supply and Demand						
Tue, Aug 04, 2015 Island System Outlook ³			Seven-Day Forecast		Temperature (°C)	
					Morning	Evening
					Forecast	
Available Island System Supply: ⁵	1,220	MW	Tuesday, August 04, 2015		19	16
NLH Generation: ⁴	935	MW	Wednesday, August 05, 2015		15	18
NLH Power Purchases:	85	MW	Thursday, August 06, 2015		16	15
Other Island Generation:	200	MW	Friday, August 07, 2015		16	16
Current St. John's Temperature:	17	°C	Saturday, August 08, 2015		15	14
Current St. John's Windchill:	N/A	°C	Sunday, August 09, 2015		16	13
7-Day Island Peak Demand Forecast:	830	MW	Monday, August 10, 2015		15	19

Supply Notes For August 04, 2015

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Notes:

- 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.
- 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.
- As of 0800 Hours.
- Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
- 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 03, 2015	Actual Island Peak Demand ⁷	12:10	755 MW
Tue, Aug 04, 2015	Forecast Island Peak Demand		760 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).