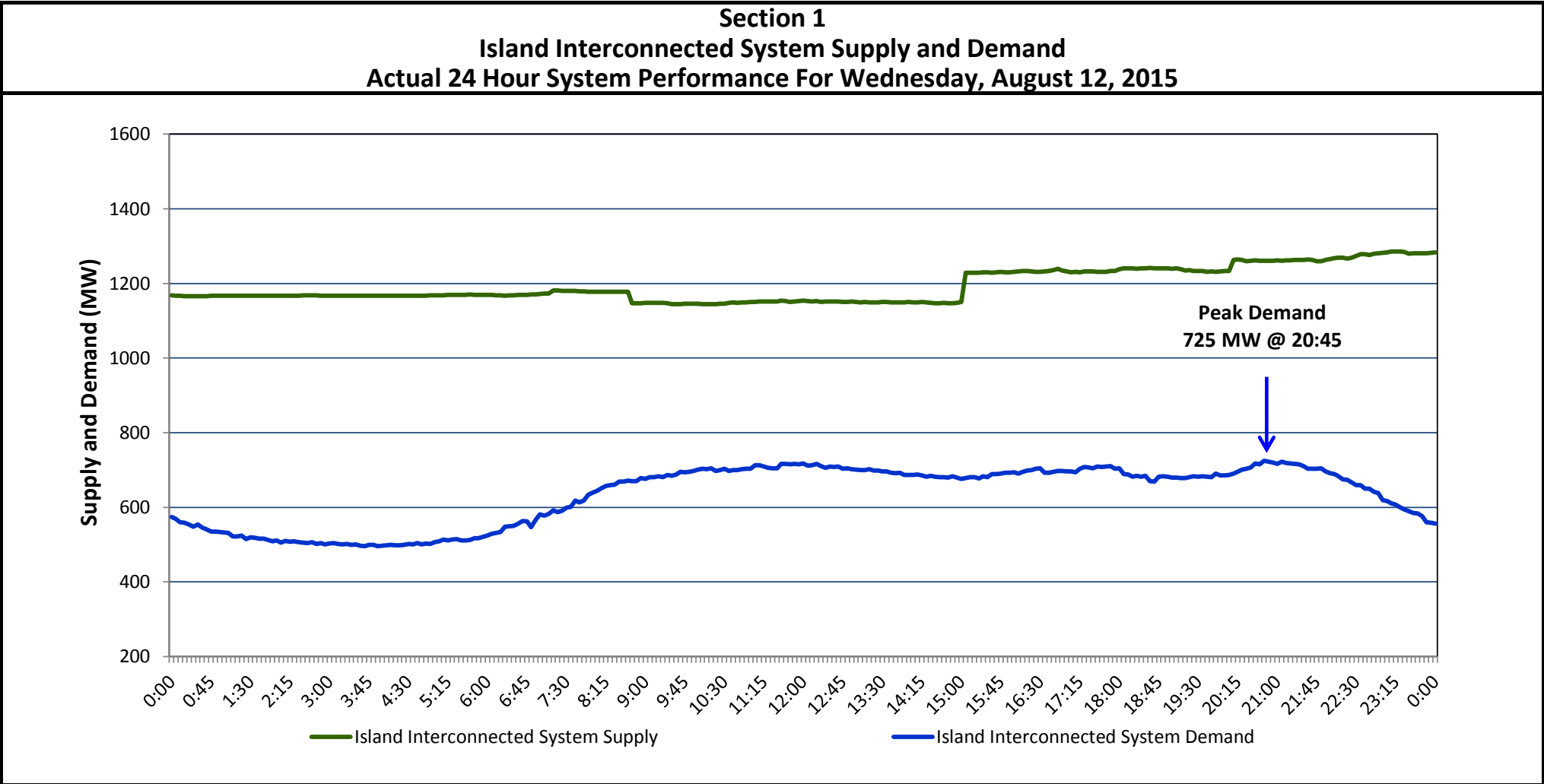


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Thursday, August 13, 2015 (Revised - August 14, 2015)



Supply Notes For August 12, 2015

A

As of 1333 hours, April 10, 2015, Holyrood Unit 3 removed from service for annual maintenance (150 MW).

B

As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).

C

As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).

D

As of 1810 hours, July 08, 2015, Bay d'Espoir Unit 1 derated to 45 MW (76.5 MW).

E

As of 1225 hours, July 30, 2015, Stephenville Gas Turbine derated to 30 MW (50 MW). End A 25 MW, End B 15 MW

F

As of 1602 hours, July 31, 2015, Hardwoods Gas Turbine derated to 38 MW (50 MW). End A 20 MW, End B 19 MW.

G

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

H

As of 0950 hours, August 02, 2015, Upper Salmon Unit removed from service for annual maintenance (84 MW).

I

As of 0816 hours, August 07, 2015, Nalcor Grand Falls Unit 9 unavailable (30 MW). Net loss to the system is 4 MW.

J

As of 1506 hours, August 10, 2015, Granite Canal Unit unavailable (40 MW).

K

At 0842 hours, August 12, 2015, Stephenville Gas Turbine unavailable (50 MW, previously derated to 30 MW).

L

At 1502 hours, August 12, 2015, Bay d'Espoir Unit 5 available (76.5 MW).

M

At 2007 hours, August 12, 2015, Stephenville Gas Turbine available (50 MW, derated to 30 MW).

Section 2

Island Interconnected Supply and Demand

Thu, Aug 13, 2015 Island System Outlook ³			Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)
					Morning	Evening	Forecast
Available Island System Supply: ⁵	1,340	MW	Thursday, August 13, 2015		21	20	795
NLH Generation: ⁴	1,015	MW	Friday, August 14, 2015		18	19	780
NLH Power Purchases:	125	MW	Saturday, August 15, 2015		17	18	760
Other Island Generation:	200	MW	Sunday, August 16, 2015		19	18	750
Current St. John's Temperature:	21	°C	Monday, August 17, 2015		18	20	785
Current St. John's Windchill:	N/A	°C	Tuesday, August 18, 2015		18	20	785
7-Day Island Peak Demand Forecast:	795	MW	Wednesday, August 19, 2015		20	20	775

Supply Notes For August 13, 2015

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

Wed, Aug 12, 2015	Actual Island Peak Demand ⁷	20:45	725 MW
Thu, Aug 13, 2015	Forecast Island Peak Demand		795 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).