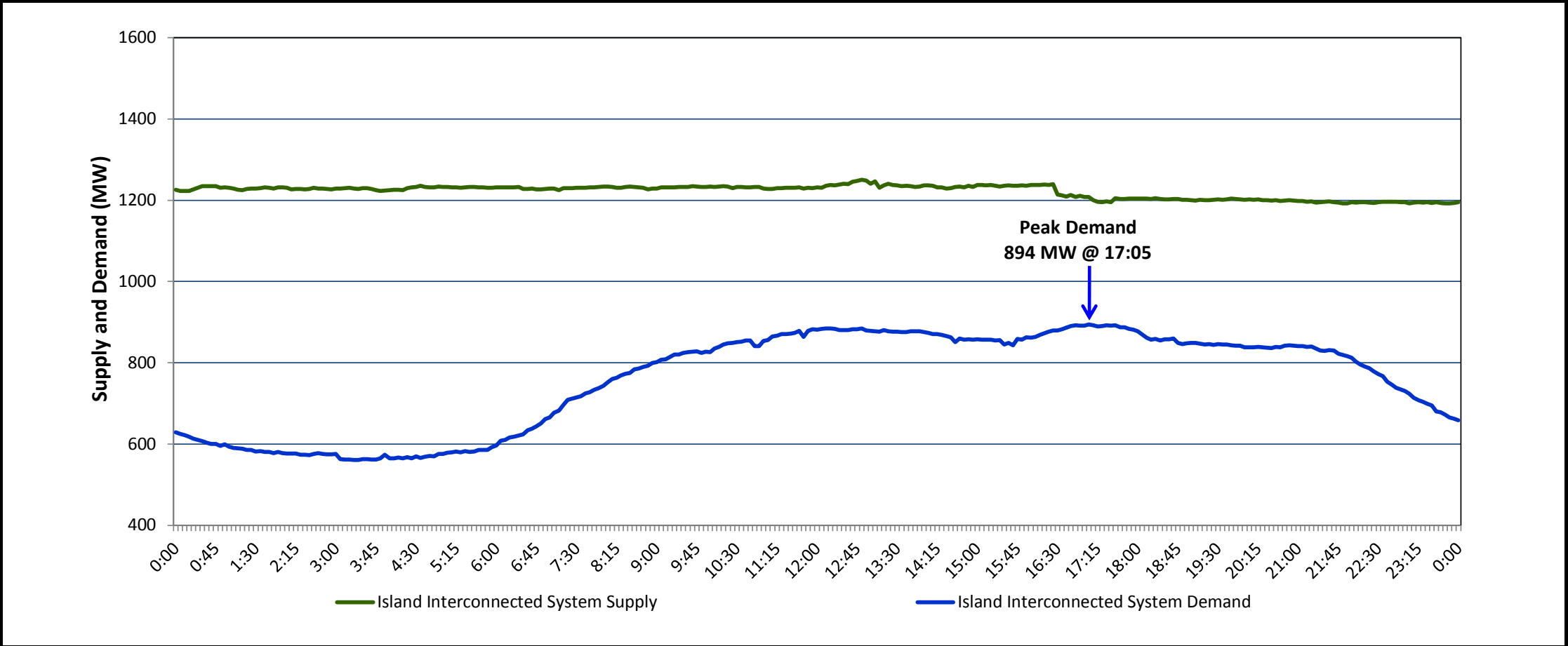


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, July 12, 2016

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Monday, July 11, 2016



Supply Notes For July 11, 20161,2

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 1526 hours, March 26, 2016, Stephenville Gas Turbine End A unavailable (25 MW).
C	As of 1029 hours, April 15, 2016, Holyrood Unit 3 unavailable (150 MW).
D	As of 0822 hours, June 05, 2016, Bay d'Espoir Unit 3 unavailable (76.5 MW).
E	As of 0822 hours, June 05, 2016, Bay d'Espoir Unit 4 unavailable (76.5 MW).
F	As of 2008 hours, June 06, 2016, Stephenville Gas Turbine End B unavailable (25 MW).
G	As of 1425 hours, June 16, 2016, Holyrood Unit 2 unavailable. Previously derated to 120 MW (170 MW).
H	As of 0833 hours, June 30, 2016, Bay d'Espoir Unit 7 unavailable (154.4 MW).
I	As of 1000 hours, June 30, 2016, Nalcor Exploits Grand Falls Unit 4 (30 MW) unavailable. Net impact to the Island Interconnected System is 7 MW.
J	As of 0957 hours, July 06, 2016, Holyrood Unit 1 derated to 95 MW (170 MW). Previously derated to 120 MW.
K	At 1626 hours, July 11, 2016, Hardwoods Gas Turbine End B unavailable (25 MW). Unit previously derated to 38 MW (50 MW), now End A available (19 MW).
L	At 1710 hours, July 11, 2016, Holyrood Diesels unavailable (10 MW).
M	At 1735 hours, July 11, 2016, Holyrood Diesels available (10 MW).

Section 2
Island Interconnected Supply and Demand

Tue, Jul 12, 2016	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
			Morning	Evening	Forecast
Available Island System Supply: ⁵	1,195 MW	Tuesday, July 12, 2016	10	8	875
NLH Generation: ⁴	910 MW	Wednesday, July 13, 2016	8	8	860
NLH Power Purchases: ⁶	120 MW	Thursday, July 14, 2016	14	16	760
Other Island Generation:	165 MW	Friday, July 15, 2016	17	19	765
Current St. John's Temperature:	9 °C	Saturday, July 16, 2016	20	19	735
Current St. John's Windchill:	N/A °C	Sunday, July 17, 2016	15	18	735
7-Day Island Peak Demand Forecast:	875 MW	Monday, July 18, 2016	18	19	790

Supply Notes For July 12, 20163

Notes:	<div>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.</div> <div>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.</div> <div>3. As of 0800 Hours.</div> <div>4. Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).</div> <div>5. Gross output from all Island sources (including Note 4).</div> <div>6. NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.</div>
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Section 3
Island Peak Demand Information
Previous Day Actual Peak and Current Day Forecast Peak

Mon, Jul 11, 2016	Actual Island Peak Demand ⁸	17:05	894 MW
Tue, Jul 12, 2016	Forecast Island Peak Demand		875 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).