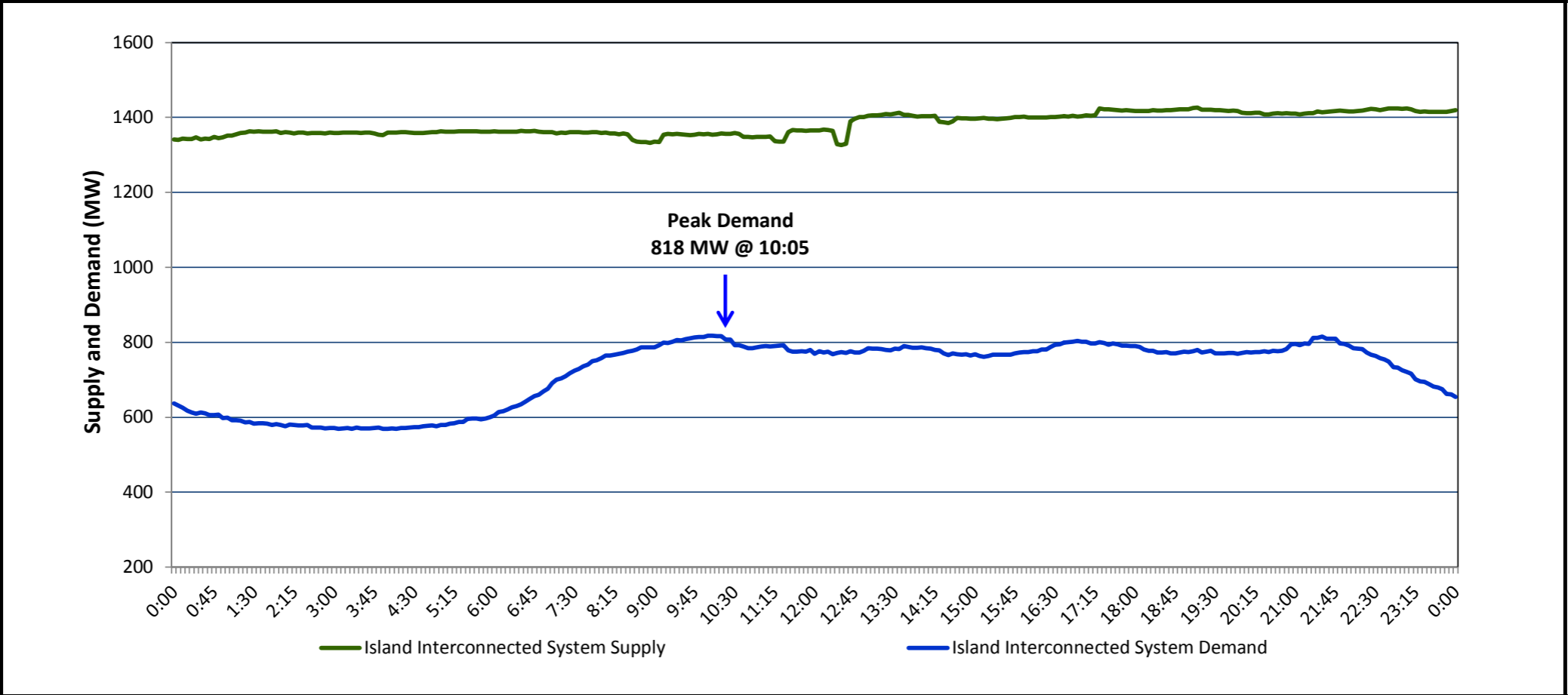


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, July 31, 2015

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Thursday, July 30, 2015



Supply Notes For July 30, 2015		1,2
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 0808 hours, May 27, 2015, Bay d'Espoir Unit 5 removed from service for annual maintenance (76.5 MW).	
D	As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 6 removed from service for annual maintenance (76.5 MW).	
E	As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).	
F	As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).	
G	As of 1810 hours, July 08, 2015, Bay d'Espoir Unit 1 de-rated to 45 MW (76.5 MW).	
H	At 1128 hours, July 30, 2015, Stephenville Gas Turbine End B available (25 MW).	
I	At 1225 hours, July 30, 2015, Stephenville Gas Turbine derated to 30 MW (50 MW).	
J	At 1237 hours, July 30, 2015, Granite Canal available (40 MW).	
K	At 1717 hours, July 30, 2015, Hardwoods Gas Turbine End A available (25 MW).	
L	At 1717 hours, July 30, 2015, Hardwoods Gas Turbine End A derated to 17 MW (25 MW).	

Section 2
Island Interconnected Supply and Demand

Fri, Jul 31, 2015			Island System Outlook ³		Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
						Morning	Evening	Forecast
Available Island System Supply: ⁵			1,435	MW	Friday, July 31, 2015	11	11	810
NLH Generation: ⁴			1,135	MW	Saturday, August 01, 2015	12	14	810
NLH Power Purchases:			95	MW	Sunday, August 02, 2015	17	20	770
Other Island Generation:			205	MW	Monday, August 03, 2015	17	19	795
Current St. John's Temperature:			9	°C	Tuesday, August 04, 2015	17	16	795
Current St. John's Windchill:			N/A	°C	Wednesday, August 05, 2015	14	14	800
7-Day Island Peak Demand Forecast:			810	MW	Thursday, August 06, 2015	18	16	810

Supply Notes For July 31, 2015		3
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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

Thu, Jul 30, 2015	Actual Island Peak Demand ⁷	10:05	818 MW
Fri, Jul 31, 2015	Forecast Island Peak Demand		810 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).			
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