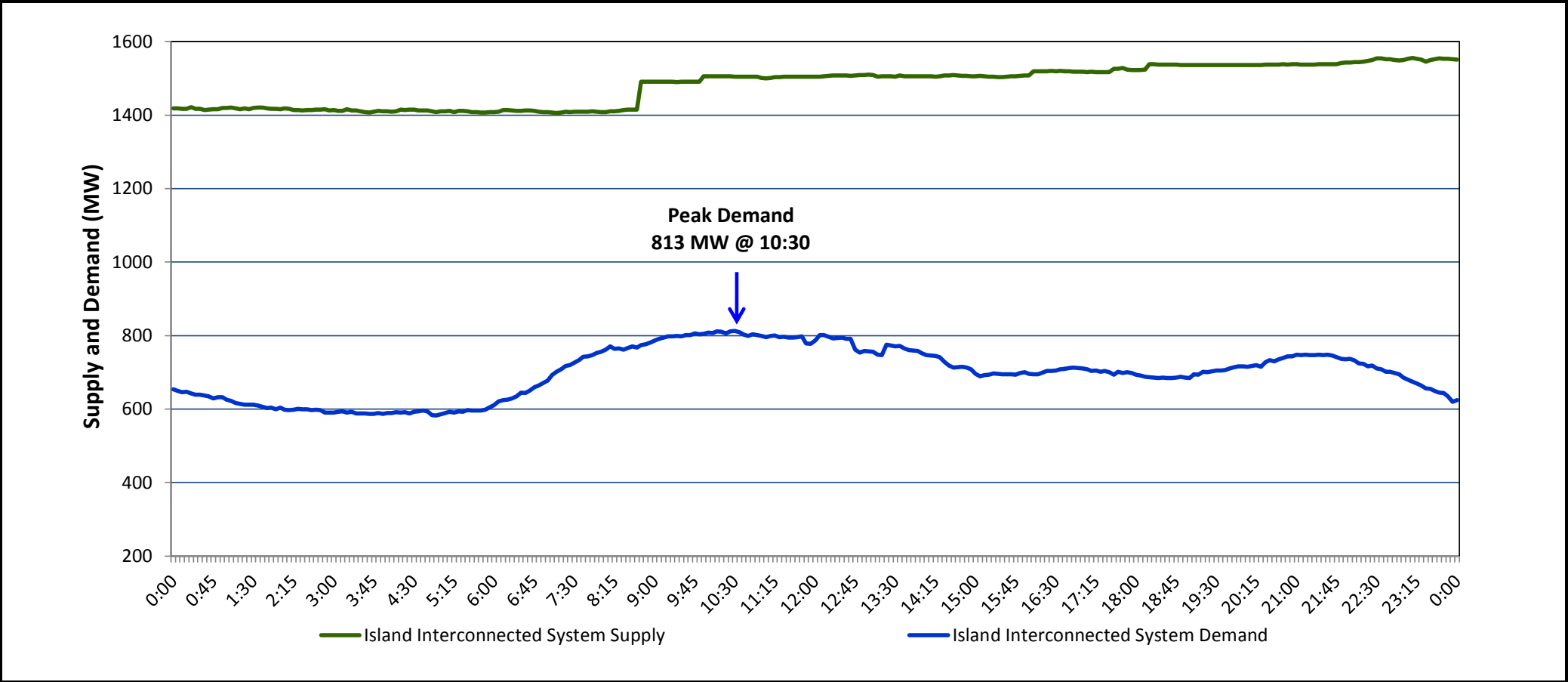


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, August 03, 2015

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Friday, July 31, 2015



Supply Notes For July 31, 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	At 0841 hours, July 31, 2015, Bay d'Espoir Unit 6 available for service (76.5 MW).	
H	At 1602 hours, July 31, 2015, Hardwoods Gas Turbine End B available (25 MW).	
I	At 1602 hours, July 31, 2015, Hardwoods Gas Turbine derated to 30 MW (50 MW). End A 20 MW, End B 15 MW.	

Section 2
Island Interconnected Supply and Demand

Sat, Aug 01, 2015			Island System Outlook ³		Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)
							Morning	Evening	
Available Island System Supply: ⁵			1,510	MW	Saturday, August 01, 2015		11	15	800
NLH Generation: ⁴			1,220	MW	Sunday, August 02, 2015		16	19	755
NLH Power Purchases:			105	MW	Monday, August 03, 2015		17	21	795
Other Island Generation:			185	MW	Tuesday, August 04, 2015		18	15	795
Current St. John's Temperature:			11	°C	Wednesday, August 05, 2015		12	16	840
Current St. John's Windchill:			N/A	°C	Thursday, August 06, 2015		16	16	805
7-Day Island Peak Demand Forecast:			840	MW	Friday, August 07, 2015		17	17	795

Supply Notes For August 01, 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

Fri, Jul 31, 2015	Actual Island Peak Demand ⁷	10:30	813 MW
Sat, Aug 01, 2015	Forecast Island Peak Demand		800 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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