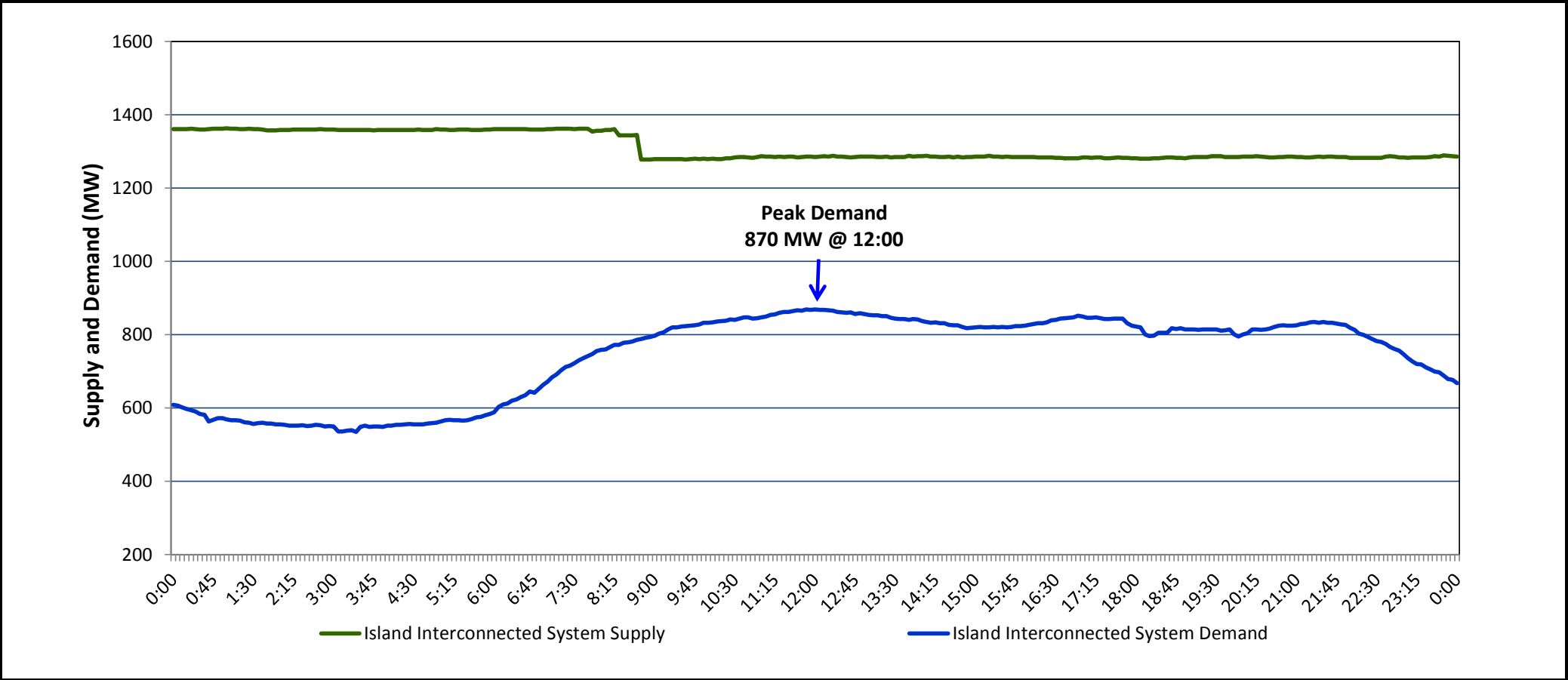


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, July 07, 2015

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Monday, July 06, 2015



Supply Notes For July 06, 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 0843 hours, April 26, 2015, Bay d'Espoir Unit 1 removed from service for annual maintenance (76.5 MW).	
D	As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 5 removed from service for annual maintenance (76.5 MW).	
E	As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 6 removed from service for annual maintenance (76.5 MW).	
F	As of 0824 hours, May 29, 2015, Hardwoods Gas Turbine End A unavailable (25 MW).	
G	As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).	
H	As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).	
I	At 0819 hours, July 06, 2015, Nalcor Exploits Unit 4 unavailable (30 MW). Net impact to Island System is 4 MW.	
J	At 0842 hours, July 06, 2015, Cat Arm Unit 1 unavailable (67 MW).	

Section 2
Island Interconnected Supply and Demand

Tue, Jul 07, 2015		Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
				Morning	Evening	Forecast
Available Island System Supply: ⁵		1,310 MW	Tuesday, July 07, 2015	8	10	860
NLH Generation: ⁴		1,025 MW	Wednesday, July 08, 2015	13	14	785
NLH Power Purchases:		95 MW	Thursday, July 09, 2015	15	18	780
Other Island Generation:		190 MW	Friday, July 10, 2015	17	13	775
Current St. John's Temperature:		7 °C	Saturday, July 11, 2015	12	11	765
Current St. John's Windchill:		N/A °C	Sunday, July 12, 2015	10	9	780
7-Day Island Peak Demand Forecast:		860 MW	Monday, July 13, 2015	11	10	785

Supply Notes For July 07, 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

Mon, Jul 06, 2015	Actual Island Peak Demand ⁷	12:00	870 MW
Tue, Jul 07, 2015	Forecast Island Peak Demand		860 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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