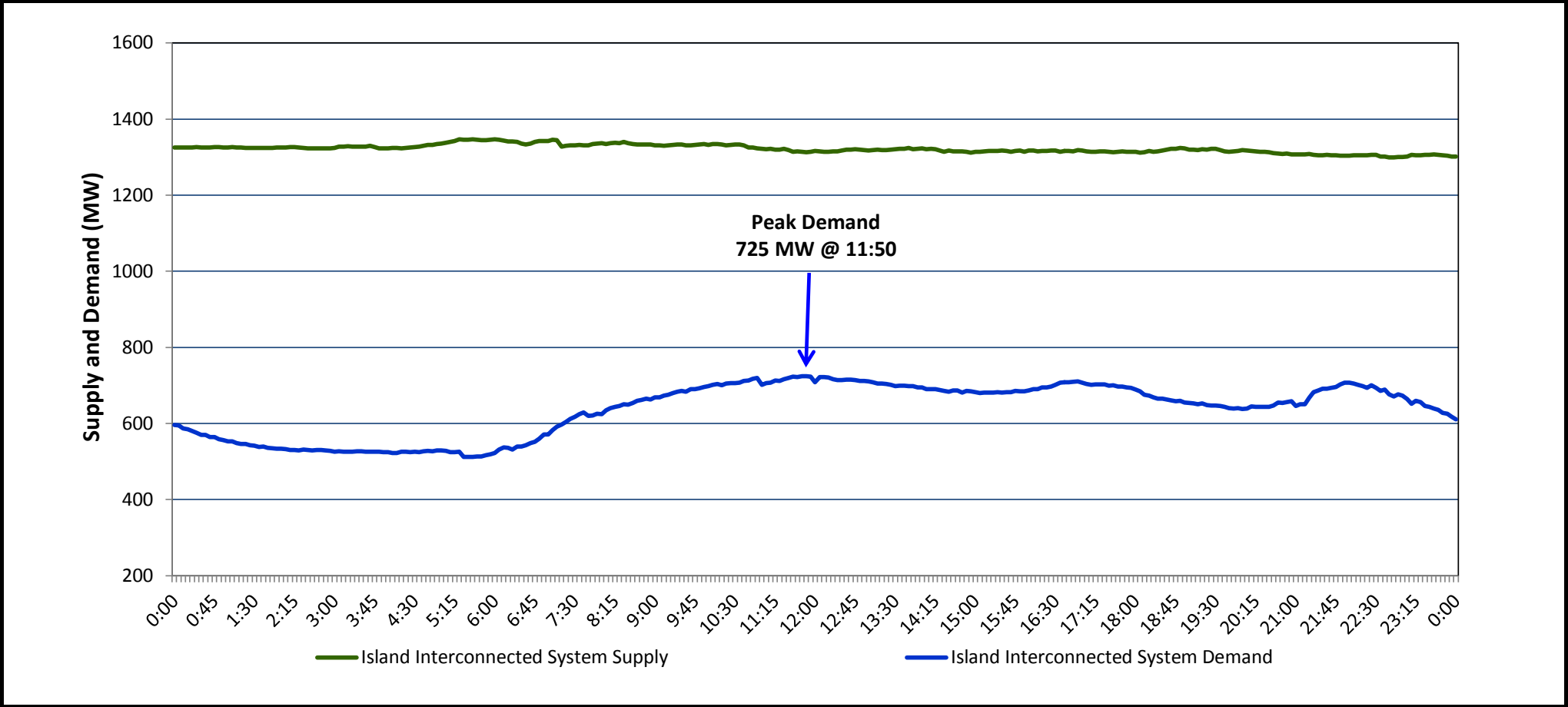


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, July 16, 2015

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Wednesday, July 15, 2015



Supply Notes For July 15, 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 0824 hours, May 29, 2015, Hardwoods Gas Turbine End A unavailable (25 MW).	
F	As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).	
G	As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).	
H	As of 0819 hours, July 06, 2015, Nalcor Exploits Unit 4 unavailable (30 MW). Net impact to Island System is 4 MW.	
I	As of 0842 hours, July 06, 2015, Cat Arm Unit 1 unavailable (67 MW).	
J	As of 1810 hours, July 08, 2015, Bay d'Espoir Unit 1 de-rated to 45 MW (76.5 MW).	
K	At 0559 hours, Star Lake Unit unavailable (18 MW).	

Section 2
Island Interconnected Supply and Demand

Thu, Jul 16, 2015 Island System Outlook ³			Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
				Morning	Evening	Forecast
Available Island System Supply: ⁵	1,325	MW	Thursday, July 16, 2015	17	19	780
NLH Generation: ⁴	1,070	MW	Friday, July 17, 2015	13	16	760
NLH Power Purchases:	70	MW	Saturday, July 18, 2015	11	9	795
Other Island Generation:	185	MW	Sunday, July 19, 2015	9	8	800
Current St. John's Temperature:	17	°C	Monday, July 20, 2015	10	10	790
Current St. John's Windchill:	N/A	°C	Tuesday, July 21, 2015	10	13	795
7-Day Island Peak Demand Forecast:	800	MW	Wednesday, July 22, 2015	18	21	780

Supply Notes For July 16, 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

Wed, Jul 15, 2015	Actual Island Peak Demand ⁷	11:50	725 MW
Thu, Jul 16, 2015	Forecast Island Peak Demand		780 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).