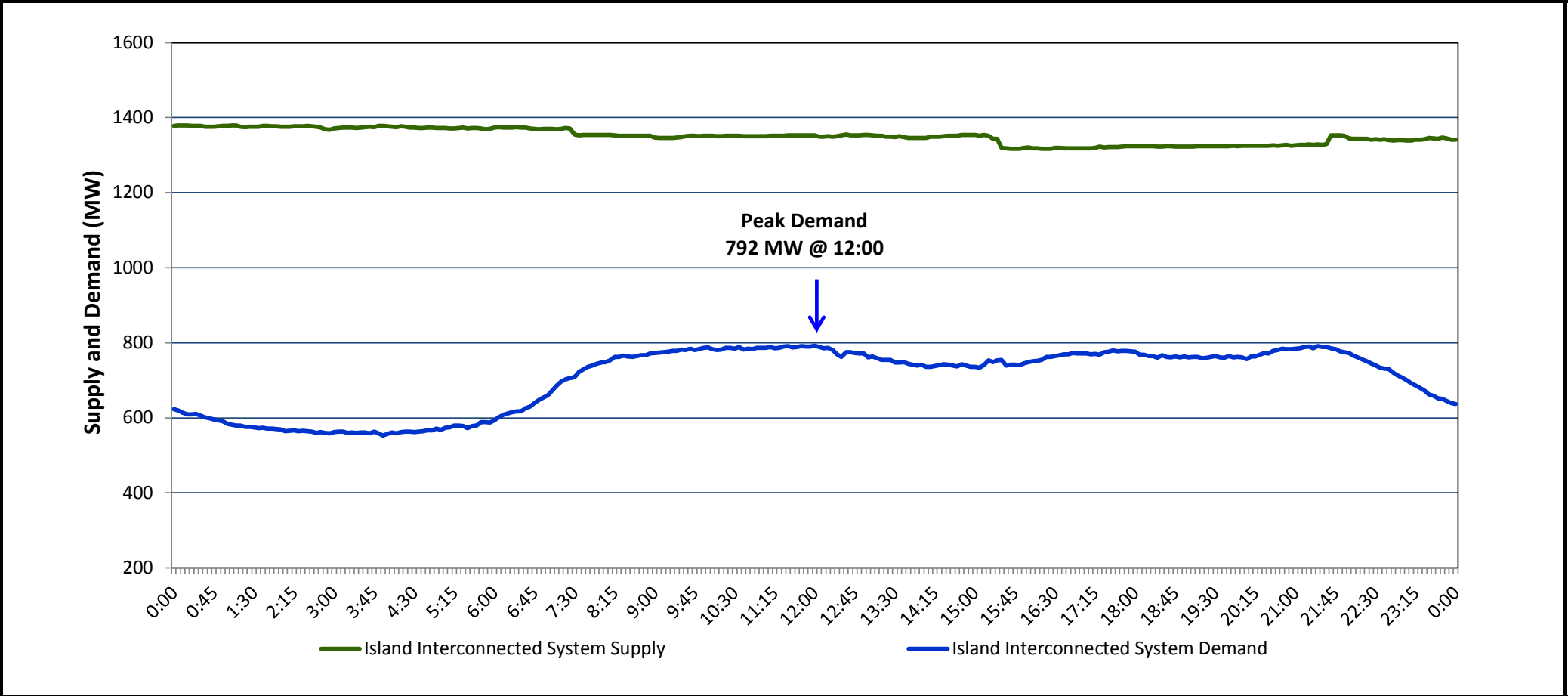


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, July 30, 2015

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Wednesday, July 29, 2015



Supply Notes For July 29, 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	As of 1530 hours, July 19, 2015, Granite Canal removed from service for annual maintenance (40 MW).	
I	As of 1018 hours, July 28, 2015, Stephenville Gas Turbine End B unavailable (25 MW).	
K	At 0730 hours, July 29, 2015, Nalcor Grand Falls Units 4,5,6,7,8 unavailable. Net loss to the system is 16 MW.	
J	At 1530 hours, July 29, 2015, Hardwoods Gas Turbine End A unavailable (25 MW).	
L	At 2129 hours, July 29, 2015, Nalcor Grand Falls Units 4,5,6,7,8 available. Net gain to the system is 16 MW.	

Section 2
Island Interconnected Supply and Demand

Thu, Jul 30, 2015	Island System Outlook ³		Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
				Morning	Evening	
Available Island System Supply: ⁵ NLH Generation: ⁴ NLH Power Purchases: Other Island Generation: Current St. John's Temperature: Current St. John's Windchill: 7-Day Island Peak Demand Forecast:	1,400	MW	Thursday, July 30, 2015	11	11	800
	1,070	MW	Friday, July 31, 2015	11	10	815
	115	MW	Saturday, August 01, 2015	13	13	800
	215	MW	Sunday, August 02, 2015	15	18	755
	12	°C	Monday, August 03, 2015	16	18	800
	N/A	°C	Tuesday, August 04, 2015	16	18	800
	820	MW	Wednesday, August 05, 2015	19	18	820

Supply Notes For July 30, 2015		3
---------------------------------------	--	---

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 29, 2015	Actual Island Peak Demand ⁷	12:00	792 MW
Thu, Jul 30, 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).			
---	--	--	--