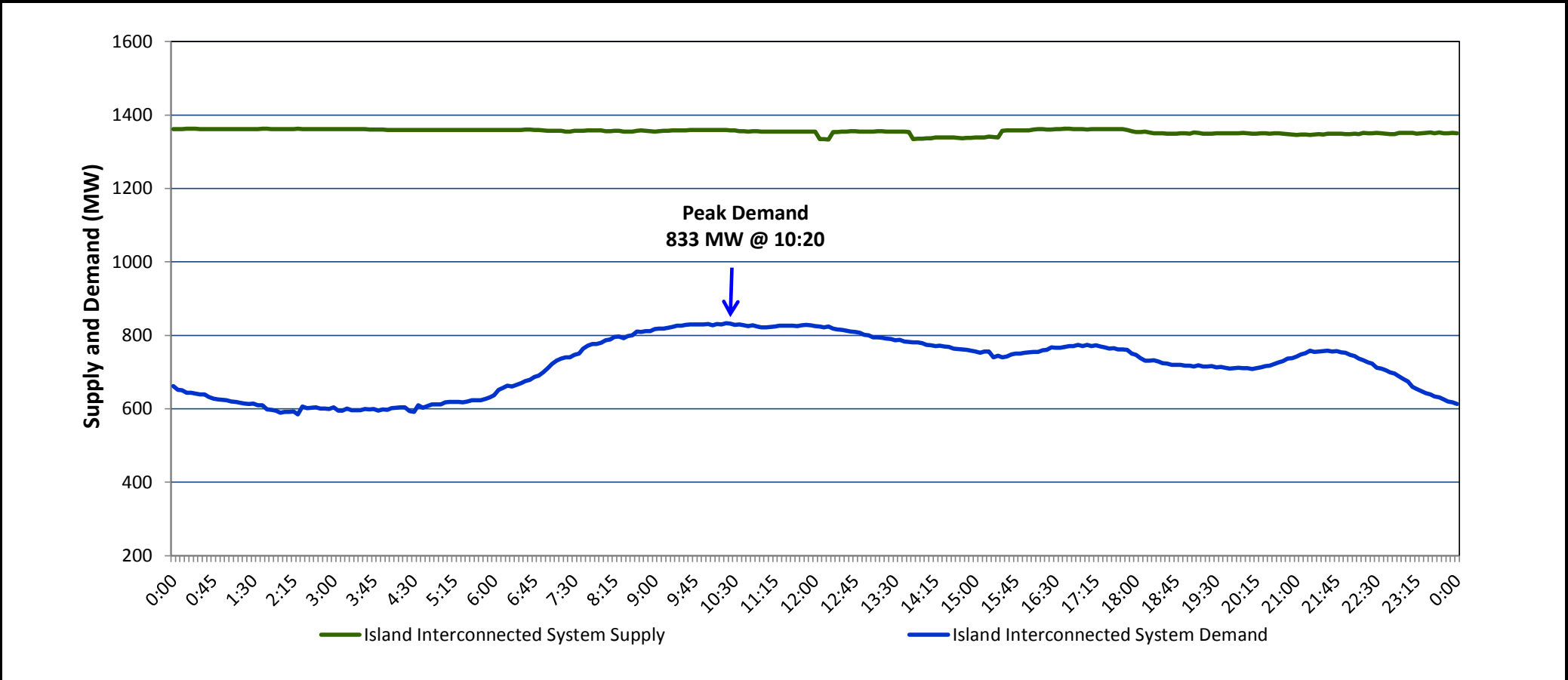


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, July 28, 2015

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Monday, July 27, 2015



Supply Notes For July 27, 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 1810 hours, July 08, 2015, Bay d'Espoir Unit 1 de-rated to 45 MW (76.5 MW).	
I	As of 1530 hours, July 19, 2015, Granite Canal removed from service for annual maintenance (40 MW).	

Section 2
Island Interconnected Supply and Demand

Tue, Jul 28, 2015			Island System Outlook ³		Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)
							Morning	Evening	Forecast
Available Island System Supply: ⁵			1,385	MW	Tuesday, July 28, 2015		13	14	805
NLH Generation: ⁴			1,095	MW	Wednesday, July 29, 2015		14	10	795
NLH Power Purchases:			95	MW	Thursday, July 30, 2015		12	10	845
Other Island Generation:			195	MW	Friday, July 31, 2015		10	11	825
Current St. John's Temperature:			12	°C	Saturday, August 01, 2015		11	12	790
Current St. John's Windchill:			N/A	°C	Sunday, August 02, 2015		15	17	760
7-Day Island Peak Demand Forecast:			845	MW	Monday, August 03, 2015		18	19	810

Supply Notes For July 28, 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 27, 2015	Actual Island Peak Demand ⁷	10:20	833 MW
Tue, Jul 28, 2015	Forecast Island Peak Demand		805 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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