

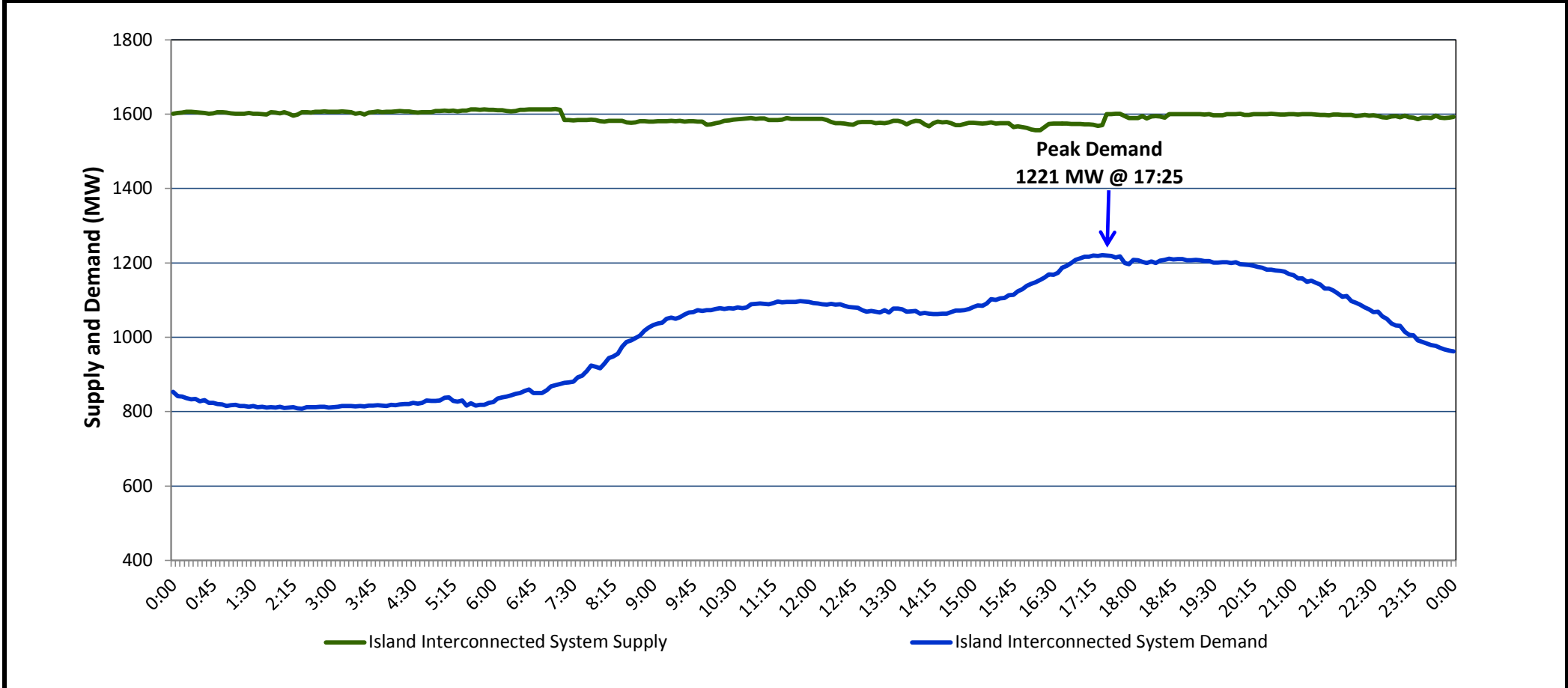
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Monday, November 09, 2015

Section 1

Island Interconnected System Supply and Demand

Actual 24 Hour System Performance For Sunday, November 08, 2015



Supply Notes For November 08, 2015		1,2
A	As of 0949 hours, August 01, 2015, Holyrood Unit 1 removed from service for annual maintenance (170 MW).	
B	As of 1042 hours, August 31, 2015, Stephenville Gas Turbine unavailable. Previously derated to 30 MW (50 MW).	
C	As of 1605 hours, September 27, 2015, Bay d'Espoir Unit 4 unavailable (76.5 MW).	
D	As of 0911 hours, November 01, 2015, Cat Arm Unit 1 unavailable (67 MW).	
E	As of 1327 hours, November 04, 2015, Hardwoods Gas Turbine derated to 38MW (50MW). End A 25MW, End B 19MW.	
F	As of 1200 hours, November 06, 2015, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.	
G	At 0701 hours, November 08, 2015, Hinds Lake Unit unavailable, previously derated to 30 MW (75 MW).	
H	At 1713 hours, November 08, 2015, Hinds Lake Unit available, previously derated to 30 MW (75 MW).	

Section 2

Island Interconnected Supply and Demand

Mon, Nov 09, 2015			Island System Outlook ³		Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)
							Morning	Evening	
Available Island System Supply: ⁵			1,600	MW	Monday, November 09, 2015		0	2	1,290
NLH Generation: ⁴			1,275	MW	Tuesday, November 10, 2015		2	3	1,200
NLH Power Purchases:			130	MW	Wednesday, November 11, 2015		0	-1	1,200
Other Island Generation:			195	MW	Thursday, November 12, 2015		1	0	1,230
Current St. John's Temperature:			0	°C	Friday, November 13, 2015		0	1	1,190
Current St. John's Windchill:			N/A	°C	Saturday, November 14, 2015		3	4	1,205
7-Day Island Peak Demand Forecast:			1,290	MW	Sunday, November 15, 2015		3	3	1,180

Supply Notes For November 09, 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

Sun, Nov 08, 2015	Actual Island Peak Demand ⁷	17:25	1,221 MW
Mon, Nov 09, 2015	Forecast Island Peak Demand		1,290 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).