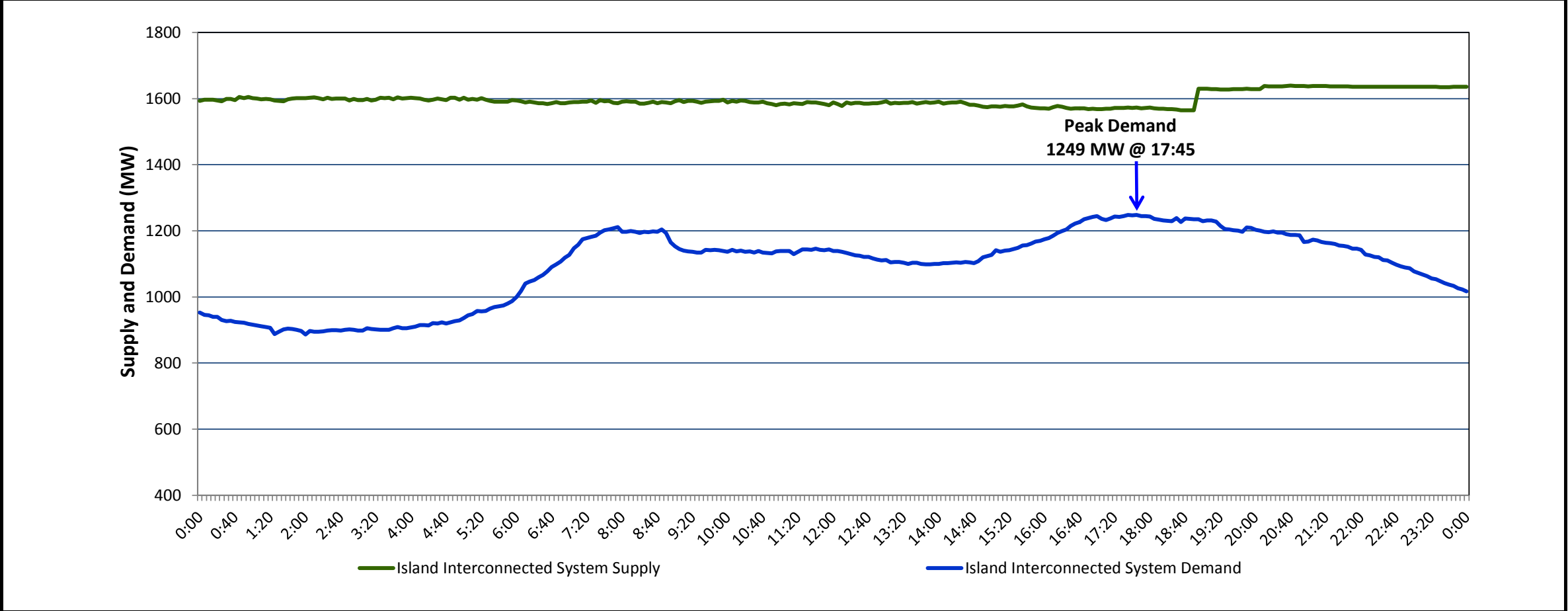


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, November 28, 2016

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Friday, November 25, 2016



Supply Notes For November 25, 2016		1,2
A	As of 1956 hours, January 14, 2016, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.	
B	As of 1526 hours, March 26, 2016, Stephenville Gas Turbine End A unavailable (25 MW).	
C	As of 1316 hours, July 15, 2016, Nalcor Exploits Grand Falls Unit 4 unavailable. Net impact to the Island Interconnected System is 7 MW.	
D	As of 1719 hours, September 09, 2016, Nalcor Exploits Bishop's Falls plant unit 9 unavailable. No net impact to the Island Interconnected System.	
E	As of 0717 hours, September 14, 2016, Bay d'Espoir Unit 1 unavailable (76.5 MW).	
F	As of 0717 hours, September 14, 2016, Bay d'Espoir Unit 2 unavailable (76.5 MW).	
G	As of 2132 hours, October 10, 2016, Nalcor Exploits Bishop's Falls plant units 4,5, and 8 unavailable. Net impact to the Island Interconnected System is 7 MW.	
H	As of 1007 hours, November 04, 2016, Nalcor Exploits Bishop's Falls plant unit 2 unavailable. Net impact to the Island Interconnected System is 2 MW.	
I	As of 1245 hours, November 13, 2016, Star Lake Unit unavailable (18 MW).	
J	As of 0842 hours, November 19, 2016, Hardwoods Gas Turbine End A unavailable. Previously derated to to 19 MW (25 MW).	
K	As of 1433 hours, November 21, 2016, Upper Salmon Unit unavailable (84 MW).	
L	As of 0840 hours, November 24, 2016, Hardwoods Gas Turbine End B unavailable (25 MW).	
M	At 1424 hours, November 25, 2016, Nalcor Exploits Bishop's Falls plant unit 6 available. Net gain to the Island Interconnected System is 2 MW.	
N	At 1431 hours, November 25, 2016, Paradise River Unit unavailable (8 MW).	
O	At 1855 hours, November 25, 2016, Cat Arm Unit 1 available (67 MW).	

Section 2
Island Interconnected Supply and Demand

Sat, Nov 26, 2016 Island System Outlook ³			Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)	
					Morning	Evening	Forecast	Adjusted ⁷
Available Island System Supply: ⁵	1,640	MW	Saturday, November 26, 2016		-1	-2	1,305	1,290
NLH Generation: ⁴	1,375	MW	Sunday, November 27, 2016		0	7	1,310	1,295
NLH Power Purchases: ⁶	55	MW	Monday, November 28, 2016		7	4	1,270	1,255
Other Island Generation:	210	MW	Tuesday, November 29, 2016		3	2	1,315	1,300
Current St. John's Temperature:	-2	°C	Wednesday, November 30, 2016		0	0	1,335	1,319
Current St. John's Windchill:	-5	°C	Thursday, December 01, 2016		0	1	1,325	1,310
7-Day Island Peak Demand Forecast:	1,335	MW	Friday, December 02, 2016		4	6	1,240	1,226

Supply Notes For November 26, 2016		3
Notes:	<div>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.</div> <div>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 under frequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Under frequency 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.</div> <div>3. As of 0800 Hours.</div> <div>4. Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).</div> <div>5. Gross output from all Island sources (including Note 4).</div> <div>6. NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.</div> <div>7. Adjusted for CBP&P interruptible load and the impact of voltage reduction, when applicable.</div>	

Section 3
Island Peak Demand Information
Previous Day Actual Peak and Current Day Forecast Peak

Fri, Nov 25, 2016	Actual Island Peak Demand ⁸	17:45	1,249 MW
Sat, Nov 26, 2016	Forecast Island Peak Demand		1,305 MW

Notes:	8. 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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