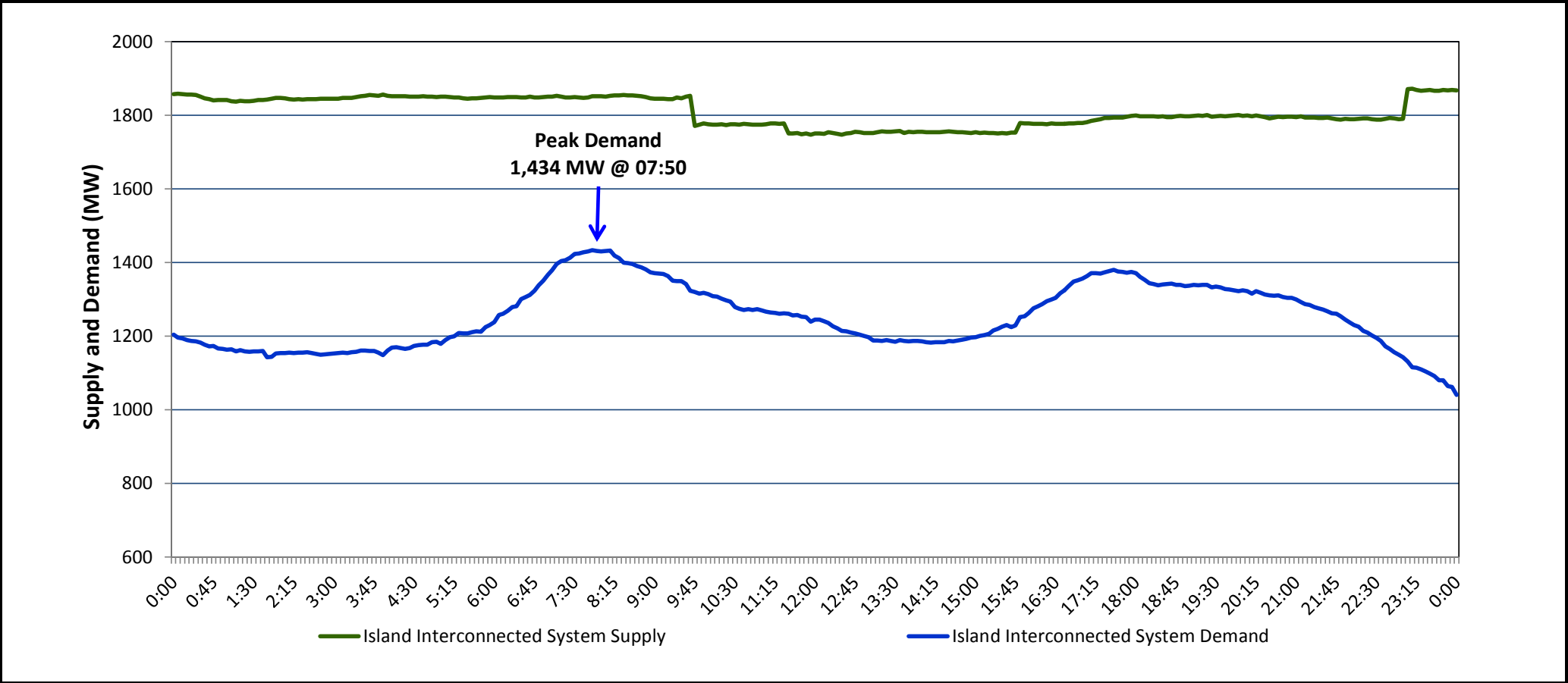


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, January 20, 2015

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Monday, January 19, 2015



Supply Notes for January 19, 2015 ^{1,2}	
A	As of 1000 hours, November 21, 2014, Nalcor Exploits Unit 4 unavailable due to a forced outage (30 MW). Net impact to system 4 MW (the excess water utilised by other Nalcor Grand Falls Units 5 to 8).
B	As of 1315 hours, December 15, 2014, the Stephenville Gas Turbine End 'B' unavailable (25 MW).
C	As of 0730 hours, January 07, 2015, the Nalcor Grand Falls plant derating (ice conditions) has been updated to a 3 MW net impact loss to the system.
D	At 0945 hours, January 19, 2015, Holyrood Unit 3 was derated to 70 MW for maintenance (150 MW).
E	At 1127 hours, January 19, 2015, Stephenville Gas Turbine End A removed from service for maintenance (25 MW).
F	At 1541 hours, January 19, 2015, Stephenville Gas Turbine End A returned to service (25 MW).
G	At 2300 hours, January 19, 2015, Holyrood Unit 3 was returned to full capacity (150 MW).

Section 2
Island Interconnected Supply and Demand

Tue, Jan 20, 2015 Island System Outlook ³			Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)	
					Morning	Evening	Forecast	Adjusted ⁶
Available Island System Supply: ⁵	1,905	MW	Tuesday, January 20, 2015		5	1	1,365	1,270
NLH Generation: ⁴	1,545	MW	Wednesday, January 21, 2015		0	-3	1,400	1,305
NLH Power Purchases:	150	MW	Thursday, January 22, 2015		-4	-3	1,435	1,340
Other Island Generation:	210	MW	Friday, January 23, 2015		-2	-4	1,555	1,455
Current St. John's Temperature:	5	°C	Saturday, January 24, 2015		-8	-7	1,475	1,380
Current St. John's Windchill:	N/A	°C	Sunday, January 25, 2015		-2	2	1,485	1,390
7-Day Island Peak Demand Forecast:	1,555	MW	Monday, January 26, 2015		1	-3	1,530	1,430

Supply Notes for January 20, 2015³

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).
	6. Adjusted for CBP&P interruptible load (when applicable) and the impact of voltage reduction.

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

Mon, Jan 19, 2015	Actual Island Peak Demand ⁷	07:50	1,434 MW
Tue, Jan 20, 2015	Forecast Island Peak Demand		1,365 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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