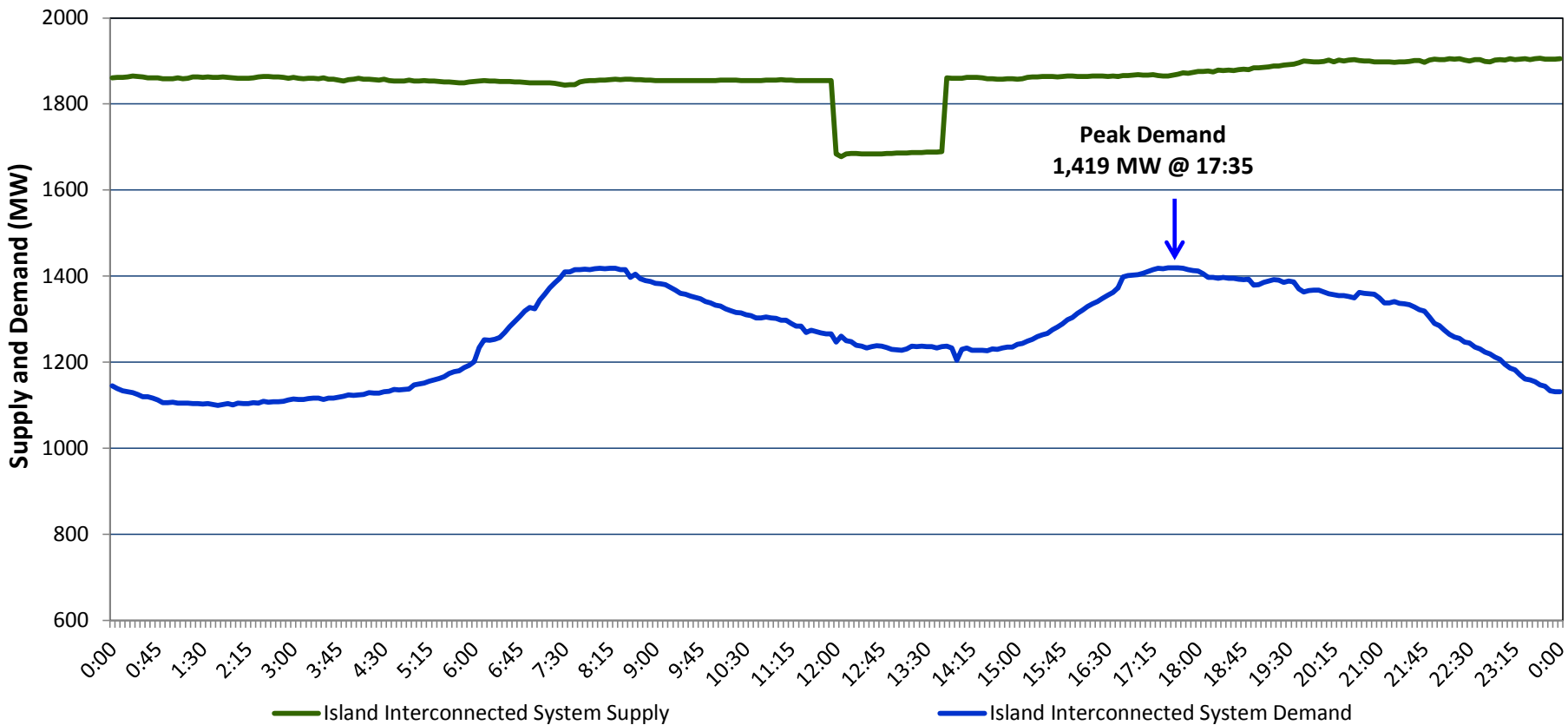


Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, January 23, 2015

Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Thursday, January 22, 2015



Supply Notes for January 22, 2015<sup>1,2</sup>

- 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 At 0730 hours, January 22, 2015, the Nalcor Grand Falls plant derating (ice conditions) has been removed. 3 MW net impact gain to the system.
- D At 1156 hours, January 22, 2015, Holyrood Unit 1 tripped offline (170 MW).
- E At 1348 hours, January 22, 2015, Holyrood Unit 1 returned to service (170 MW).

Section 2  
Island Interconnected Supply and Demand

Fri, Jan 23, 2015	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted <sup>6</sup>
Available Island System Supply: <sup>5</sup>	1,890 MW	Friday, January 23, 2015	2	-5	1,465	1,370
NLH Generation: <sup>4</sup>	1,545 MW	Saturday, January 24, 2015	-7	-1	1,435	1,340
NLH Power Purchases:	125 MW	Sunday, January 25, 2015	3	0	1,360	1,265
Other Island Generation:	220 MW	Monday, January 26, 2015	-3	-4	1,460	1,365
Current St. John's Temperature:	-1 °C	Tuesday, January 27, 2015	-2	-2	1,475	1,380
Current St. John's Windchill:	-7 °C	Wednesday, January 28, 2015	-5	-3	1,530	1,430
7-Day Island Peak Demand Forecast:	1,530 MW	Thursday, January 29, 2015	-7	-7	1,515	1,415

Supply Notes for January 23, 2015<sup>3</sup>

- 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

Thu, Jan 22, 2015	Actual Island Peak Demand <sup>7</sup>	17:35	1,419 MW
Fri, Jan 23, 2015	Forecast Island Peak Demand		1,465 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).