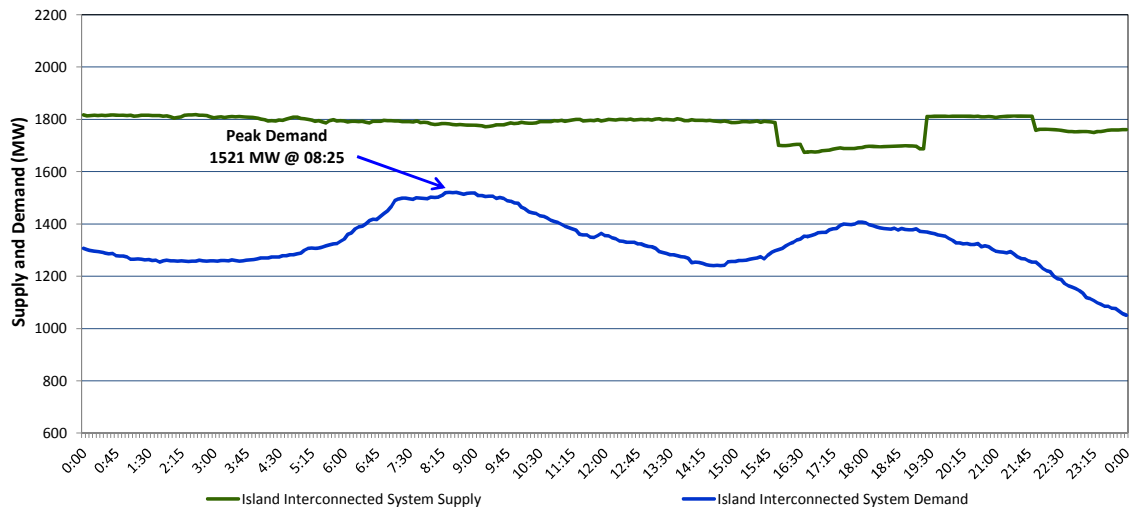


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Wednesday, February 17, 2016

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Tuesday, February 16, 2016



Supply Notes For February 16, 2016

- 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 0710 hours, February 08, 2016, Holyrood Unit 2 derated to 120 MW (170 MW).
- C As of 0938 hours, February 14, 2015, Hardwoods Gas Turbine derated to 38MW (50MW). End A 19 MW, End B 25 MW.
- D At 1544 hours, February 16, 2016, Holyrood Combustion Turbine derated to 40 MW (123.5 MW).
- E At 1632 hours, February 16, 2016, Holyrood Combustion Turbine unavailable. Previously derated to 40 MW (123.5 MW).
- F At 1924 hours, February 16, 2016, Holyrood Combustion Turbine available to full capability (123.5 MW).
- G At 2154 hours, February 16, 2016, Holyrood Unit 1 unavailable. Previously derated to 50 MW (170 MW).

Section 2 Island Interconnected Supply and Demand

Wed, Feb 17, 2016		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	1,785	MW	Wednesday, February 17, 2016	4	8	1,260	1,165
NLH Generation: ⁴	1,460	MW	Thursday, February 18, 2016	5	-3	1,380	1,284
NLH Power Purchases: ⁷	120	MW	Friday, February 19, 2016	-5	-7	1,470	1,373
Other Island Generation:	205	MW	Saturday, February 20, 2016	-6	-2	1,365	1,269
Current St. John's Temperature:	4	°C	Sunday, February 21, 2016	-2	-2	1,310	1,215
Current St. John's Windchill:	N/A	°C	Monday, February 22, 2016	-2	-2	1,325	1,230
7-Day Island Peak Demand Forecast:	1,470	MW	Tuesday, February 23, 2016	3	-2	1,315	1,220

Supply Notes For February 17, 2016

- Notes:
- 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.
 - 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.
 - As of 0800 Hours.
 - Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
 - Gross output from all Island sources (including Note 4).
 - Adjusted for CBP&P interruptible load (when applicable) and the impact of voltage reduction.
 - NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance, and Wind Generation.

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

Tue, Feb 16, 2016	Actual Island Peak Demand ⁸	08:25	1,521 MW
Wed, Feb 17, 2016	Forecast Island Peak Demand		1,260 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).