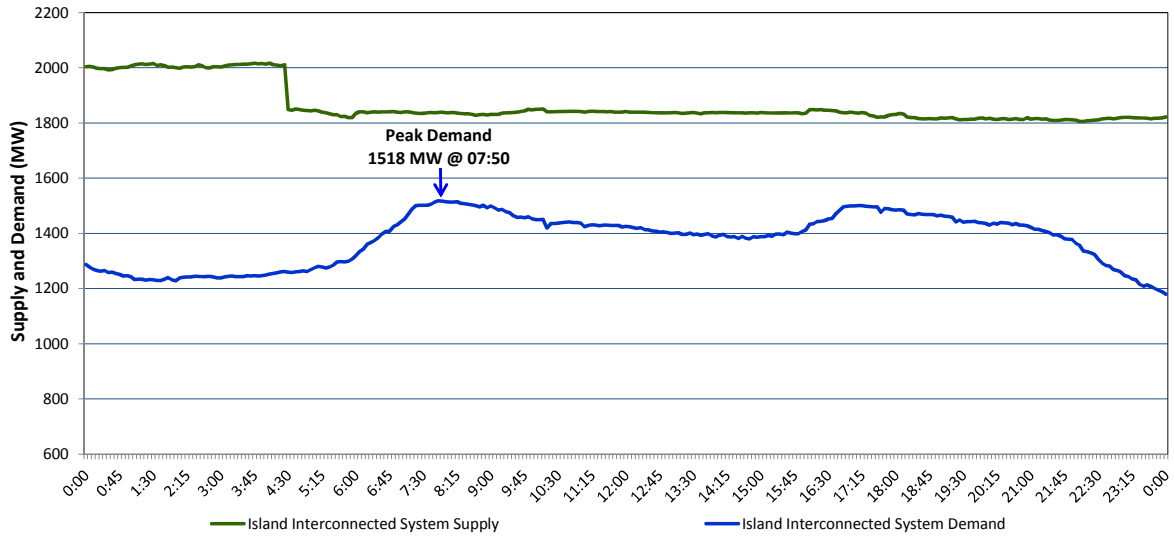


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Thursday, January 07, 2016

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Wednesday, January 06, 2016



Supply Notes For January 06, 2016 ^{1,2}

- A** As of 1200 hours, November 06, 2015, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.
- B** As of 1437 hours, December 12, 2015, Holyrood Unit 1 available. Derated to 155 MW (170 MW).
- C** At 0428 hours, January 06, 2016, Holyrood Unit 2 unavailable (170 MW).

Section 2 Island Interconnected Supply and Demand

Thu, Jan 07, 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	1,795	MW	Thursday, January 07, 2016	-3	-2	1,425	1,328
NLH Generation: ⁴	1,460	MW	Friday, January 08, 2016	-7	-7	1,510	1,412
NLH Power Purchases:	125	MW	Saturday, January 09, 2016	-3	-3	1,400	1,304
Other Island Generation:	210	MW	Sunday, January 10, 2016	-4	-3	1,375	1,279
Current St. John's Temperature:	-3	°C	Monday, January 11, 2016	-2	0	1,440	1,343
Current St. John's Windchill:	-9	°C	Tuesday, January 12, 2016	3	-1	1,415	1,318
7-Day Island Peak Demand Forecast:	1,510	MW	Wednesday, January 13, 2016	-3	-4	1,435	1,338

Supply Notes For January 07, 2016 ³

- D** At 0700 hours, January 07, 2016, Hardwoods Gas Turbine End "B" unavailable (25 MW).
- E** At 0732 hours, January 07, 2016, Hardwoods Gas Turbine End "A" unavailable (25 MW).

- 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

Wed, Jan 06, 2016	Actual Island Peak Demand ⁷	07:50	1,518 MW
Thu, Jan 07, 2016	Forecast Island Peak Demand		1,425 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).