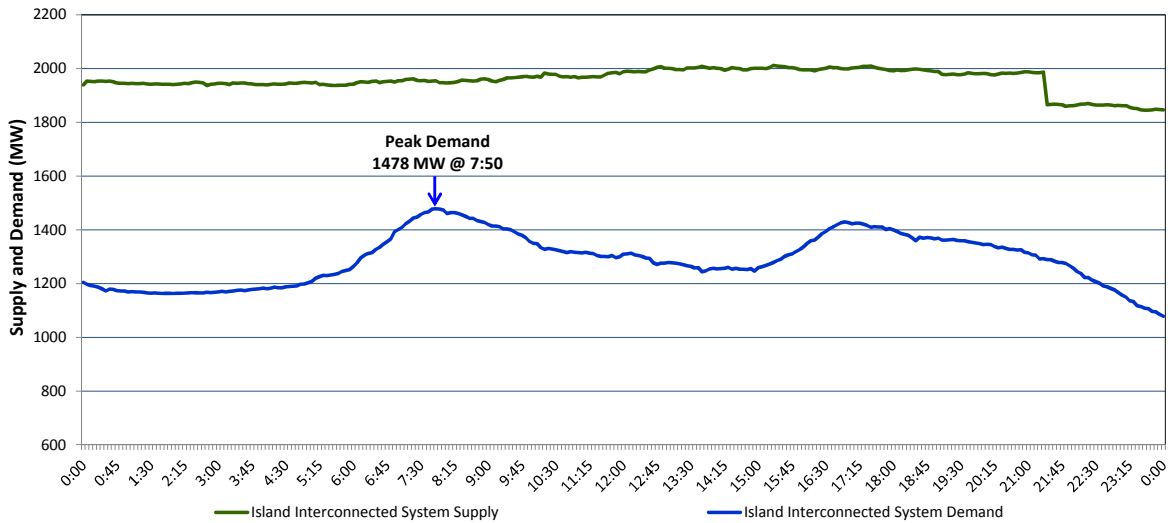


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Wednesday, December 02, 2015

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Tuesday, December 01, 2015



Supply Notes For December 01, 2015 ^{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 2201 hours, November 27, 2015, Holyrood Unit 1 available. Derated to 155 MW (170 MW).
- C As of 0927 hours, November 30, 2015, St. Anthony Diesel Unit 546 unavailable (2 MW).
- D **At 2124 hours, December 01, 2015, Holyrood Combustion Turbine unavailable (123.5 MW).**

Section 2 Island Interconnected Supply and Demand

Wed, Dec 02, 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	1,850 MW	Wednesday, December 02, 2015	1	4	1,320	1,235
NLH Generation: ⁴	1,520 MW	Thursday, December 03, 2015	6	0	1,335	1,249
NLH Power Purchases:	140 MW	Friday, December 04, 2015	-1	-1	1,375	1,289
Other Island Generation:	190 MW	Saturday, December 05, 2015	-3	-4	1,360	1,274
Current St. John's Temperature:	1 °C	Sunday, December 06, 2015	-3	2	1,290	1,205
Current St. John's Windchill:	N/A °C	Monday, December 07, 2015	2	2	1,255	1,170
7-Day Island Peak Demand Forecast:	1,455 MW	Tuesday, December 08, 2015	-4	-6	1,455	1,368

Supply Notes For December 02, 2015 ³

- E **At 0129 hours, December 02, 2015, Holyrood Unit 1 unavailable. Previously derated to 155 MW (170 MW).**
- F **At 0546 hours, December 02, 2015, Holyrood Combustion Turbine available (123.5 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

Tue, Dec 01, 2015	Actual Island Peak Demand ⁷	07:50	1,478 MW
Wed, Dec 02, 2015	Forecast Island Peak Demand		1,320 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).