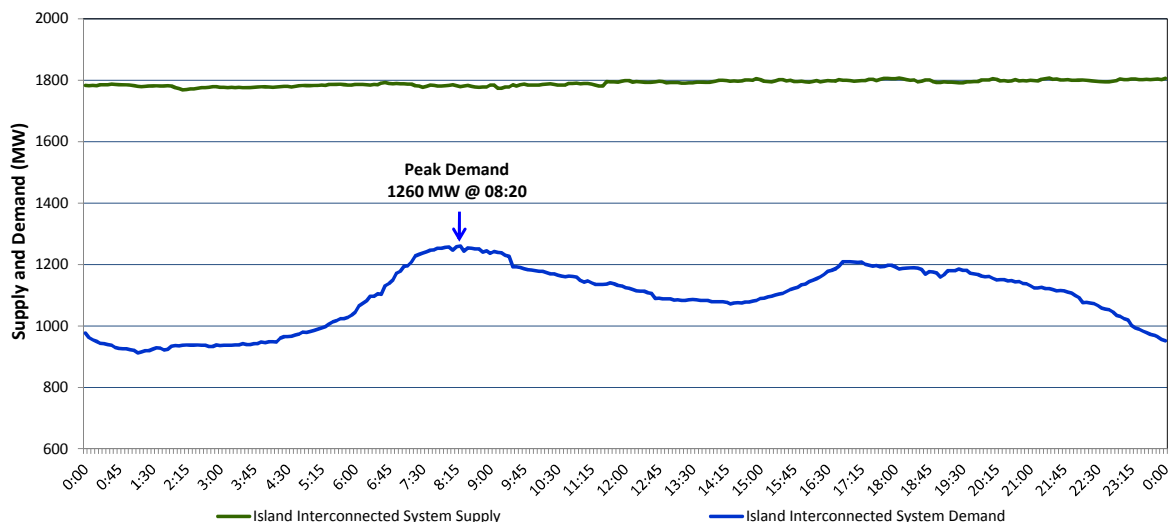


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Monday, November 23, 2015

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Friday, November 20, 2015



Supply Notes For November 20, 2015

- A** As of 1327 hours, November 04, 2015, Hardwoods Gas Turbine derated to 38MW (50MW). End A 25MW, End B 19MW.
- B** As of 1200 hours, November 06, 2015, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.
- C** As of 2226 hours, November 16, 2015, Holyrood Unit 3 unavailable (150 MW).
- D** At 0718 hours, November 20, 2015, Holyrood Unit 1 available to 155 MW. Previously available to 150 MW (170 MW).
- E** At 0911 hours, November 20, 2015, St. Anthony Diesel Plant unavailable (9.7 MW).
- F** At 1134 hours, November 20, 2015, St. Anthony Diesel Plant available (9.7 MW).

Section 2 Island Interconnected Supply and Demand

Sat, Nov 21, 2015	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: ⁵	1,805 MW	Saturday, November 21, 2015	2	-1	1,230
NLH Generation: ⁴	1,515 MW	Sunday, November 22, 2015	-3	2	1,195
NLH Power Purchases:	85 MW	Monday, November 23, 2015	5	9	1,090
Other Island Generation:	205 MW	Tuesday, November 24, 2015	10	6	1,120
Current St. John's Temperature:	2 °C	Wednesday, November 25, 2015	-1	0	1,290
Current St. John's Windchill:	N/A °C	Thursday, November 26, 2015	-3	0	1,360
7-Day Island Peak Demand Forecast:	1,360 MW	Friday, November 27, 2015	2	3	1,180

Supply Notes For November 21, 2015

- 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).

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

Fri, Nov 20, 2015	Actual Island Peak Demand ⁷	08:20	1,260 MW
Sat, Nov 21, 2015	Forecast Island Peak Demand		1,230 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).