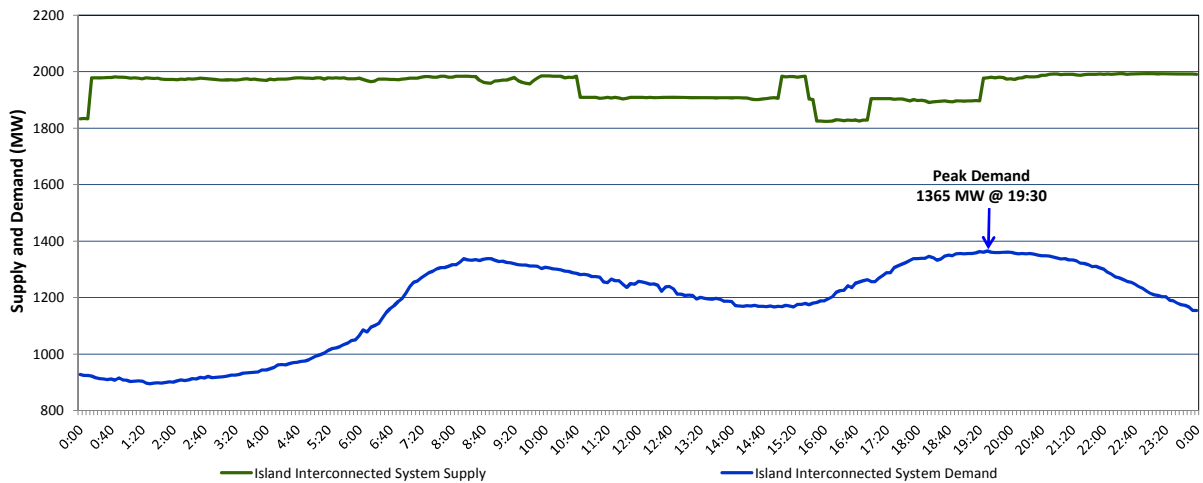


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, February 28, 2017

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Monday, February 27, 2017



Supply Notes For February 27, 2017

- A** As of 1513 hours, February 09, 2017, Stephenville Gas Turbine available at 38 MW (50 MW).
B As of 1238 hours, February 19, 2017, Hardwoods Gas Turbine available at 25 MW (50 MW).
C As of 0720 hours, February 22, 2017, Holyrood Unit 2 available at 150 MW (170 MW).
D At 0011 hours, February 27, 2017, Holyrood Unit 1 available at 150 MW (170 MW).
E At 1045 hours, February 27, 2017, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
F At 1503 hours, February 27, 2017, Bay d'Espoir Unit 3 available (76.5 MW).
G At 1539 hours, February 27, 2017, Holyrood Unit 1 available at 70 MW (170 MW).
H At 1550 hours, February 27, 2017, Bay d'Espoir Unit 3 unavailable (76.5 MW).
I At 1658 hours, February 27, 2017, Bay d'Espoir Unit 3 available (76.5 MW).
J At 1925 hours, February 27, 2017, Holyrood Unit 1 available at 150 MW (170 MW).

Section 2 Island Interconnected Supply and Demand

Tue, Feb 28, 2017		Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
				Morning	Evening		
Available Island System Supply: ⁵	1,990	MW	Tuesday, February 28, 2017	-3	-6	1,495	1,387
NLH Generation: ⁴	1,615	MW	Wednesday, March 01, 2017	-7	-1	1,480	1,372
NLH Power Purchases: ⁶	165	MW	Thursday, March 02, 2017	5	4	1,245	1,139
Other Island Generation:	210	MW	Friday, March 03, 2017	-2	-5	1,520	1,411
Current St. John's Temperature:	-1	°C	Saturday, March 04, 2017	-5	-3	1,445	1,337
Current St. John's Windchill:	-9	°C	Sunday, March 05, 2017	-8	-6	1,525	1,416
7-Day Island Peak Demand Forecast:	1,525	MW	Monday, March 06, 2017	-7	-6	1,495	1,387

Supply Notes For February 28, 2017

- 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).
 - NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.
 - Adjusted for CBP&P, Praxair and Vale interruptible load as well as the impact of voltage reduction, when applicable.

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

Mon, Feb 27, 2017	Actual Island Peak Demand ⁸	19:30	1,365 MW
Tue, Feb 28, 2017	Forecast Island Peak Demand		1,495 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).