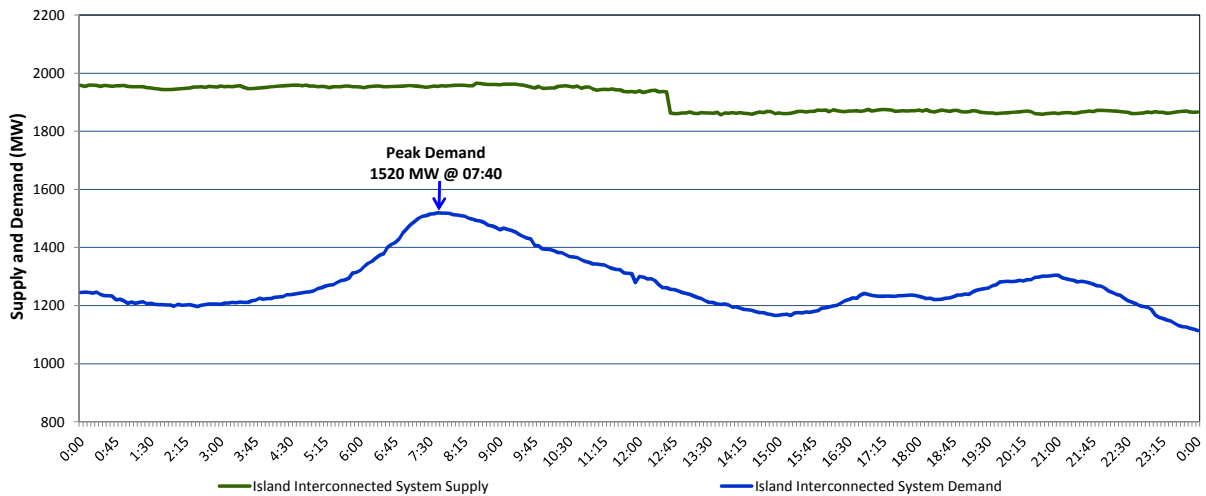


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Wednesday, March 29, 2017

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Tuesday, March 28, 2017



Supply Notes For March 28, 2017

- ^{1,2}
- A As of 1458 hours, March 23, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
 - B At 0826 hours, March 28, 2017, Holyrood Unit 1 available at 133 MW (170 MW).
 - C At 0826 hours, March 28, 2017, Holyrood Unit 2 available at 133 MW (170 MW).
 - D At 0826 hours, March 28, 2017, Holyrood Unit 3 available at 136 MW (150 MW).
 - E At 1056 hours, March 28, 2017, Paradise River Unit unavailable (8 MW).
 - F At 1236 hours, March 28, 2017, Hinds Lake Unit unavailable (75 MW).
 - G At 1513 hours, March 28, 2017, Paradise River Unit available (8 MW).

Section 2 Island Interconnected Supply and Demand

Wed, Mar 29, 2017	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted ⁷
Available Island System Supply: ⁵	1,900 MW	Wednesday, March 29, 2017	-2	-2	1,400	1,293
NLH Generation: ⁴	1,570 MW	Thursday, March 30, 2017	-2	0	1,335	1,228
NLH Power Purchases: ⁶	125 MW	Friday, March 31, 2017	1	-1	1,345	1,238
Other Island Generation:	205 MW	Saturday, April 01, 2017	-1	-2	1,295	1,284
Current St. John's Temperature:	-3 °C	Sunday, April 02, 2017	-3	-3	1,255	1,244
Current St. John's Windchill:	-9 °C	Monday, April 03, 2017	-1	-1	1,405	1,394
7-Day Island Peak Demand Forecast:	1,405 MW	Tuesday, April 04, 2017	-2	-2	1,355	1,344

Supply Notes For March 29, 2017

- ³
- H At 0643 hours, March 29, 2017, Paradise River Unit unavailable (8 MW).
 - I At 0655 hours, March 29, 2017, Hinds Lake Unit available (75 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 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.
 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. NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.
 7. 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

Tue, Mar 28, 2017	Actual Island Peak Demand ⁸	07:40	1,520 MW
Wed, Mar 29, 2017	Forecast Island Peak Demand		1,400 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).