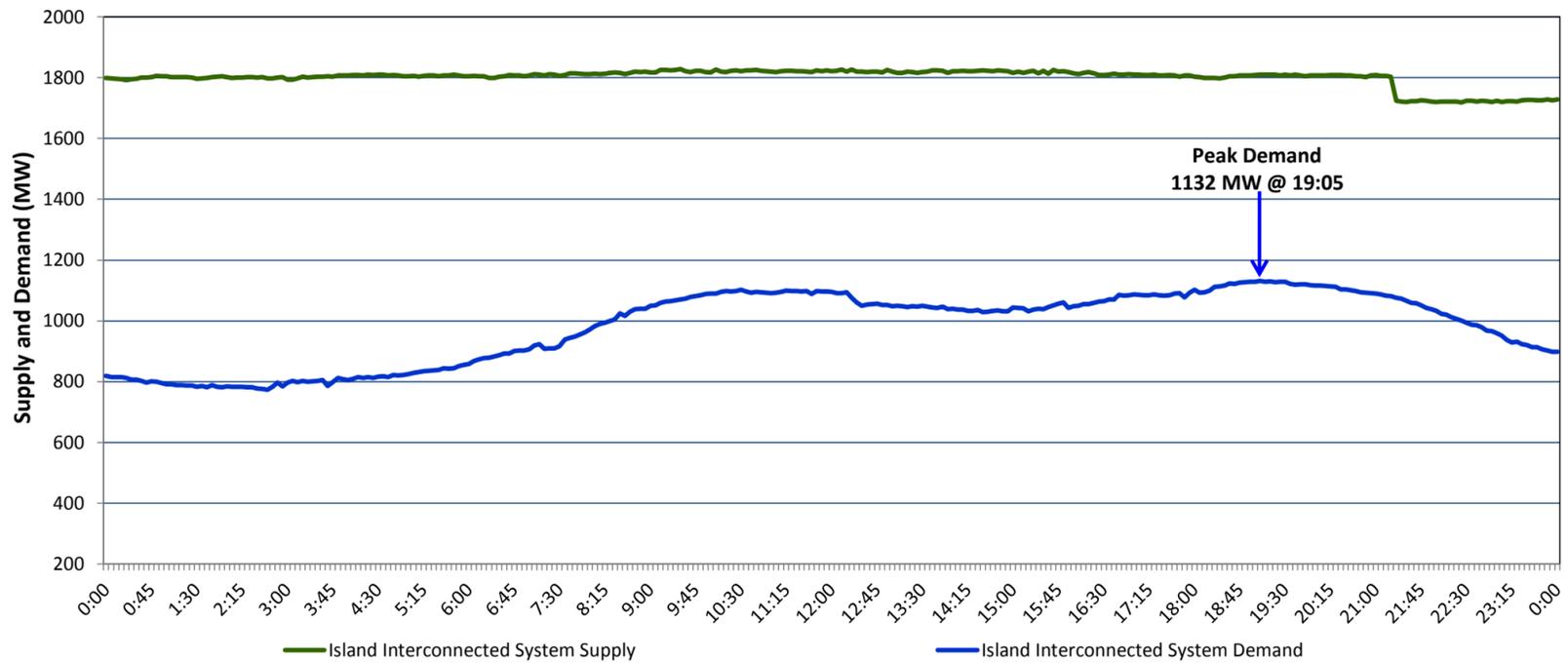


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, October 23, 2017

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Sunday, October 22, 2017



Supply Notes For October 22, 2017

- 1,2
- A As of 0827 hours, July 31, 2017, Holyrood Unit 2 unavailable due to planned outage 165 MW (170 MW).
 - B As of 1229 hours, September 22, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
 - C As of 0805 hours, October 18, 2017, Hawke's Bay Diesel Plant available at 2.5 MW (5 MW).
 - D As of 0830 hours, October 20, 2017, Holyrood Unit 1 available at 154 MW (170 MW).
 - E At 2116 hours, October 22, 2017, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).

Section 2 Island Interconnected Supply and Demand

Mon, Oct 23, 2017	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW) Forecast
			Morning	Evening	
Available Island System Supply: ⁵	1,680 MW	Monday, October 23, 2017	1	1	1,165
NLH Generation: ⁴	1,380 MW	Tuesday, October 24, 2017	4	8	1,120
NLH Power Purchases: ⁶	105 MW	Wednesday, October 25, 2017	8	14	950
Other Island Generation:	195 MW	Thursday, October 26, 2017	11	11	870
Current St. John's Temperature:	0 °C	Friday, October 27, 2017	11	9	975
Current St. John's Windchill:	N/A °C	Saturday, October 28, 2017	11	10	935
7-Day Island Peak Demand Forecast:	1,165 MW	Sunday, October 29, 2017	7	7	955

Supply Notes For October 23, 2017

- 3
- F At 0658 hours, October 23, 2017, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 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.

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

Sun, Oct 22, 2017	Actual Island Peak Demand ⁸	19:05	1,132 MW
Mon, Oct 23, 2017	Forecast Island Peak Demand		1,165 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).