

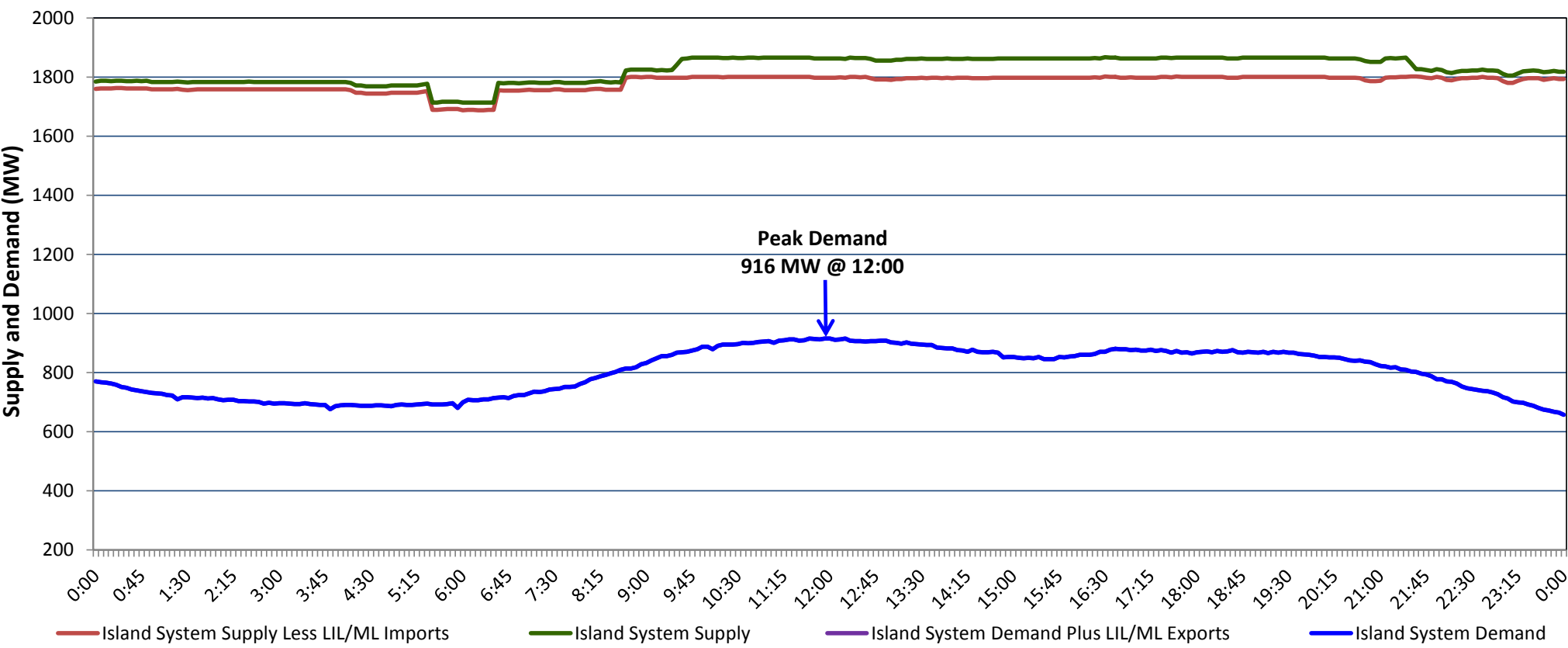
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Monday, October 22, 2018

Section 1

Island Interconnected System Supply, Demand & Exports

Actual 24 Hour System Performance For Sunday, October 21, 2018



Supply Notes For October 21, 2018

- A As of 1623 hours, September 28, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).
- B As of 1616 hours, October 18, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- C At 0528 hours, October 21, 2018, Cat Arm Unit 1 unavailable (67 MW).
- D At 0631 hours, October 21, 2018, Cat Arm Unit 1 available (67 MW).
- E At 0837 hours, October 21, 2018, Holyrood Unit 1 available at 140 MW (170 MW).

Section 2

Island Interconnected Supply and Demand

Mon, Oct 22, 2018	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	1,885	MW		Monday, October 22, 2018	14	6	1,000	1,000
NLH Island Generation: ⁴	1,490	MW		Tuesday, October 23, 2018	4	4	1,045	1,045
NLH Island Power Purchases: ⁶	115	MW		Wednesday, October 24, 2018	4	6	1,095	1,095
Other Island Generation:	205	MW		Thursday, October 25, 2018	10	7	990	990
ML/LIL Imports:	75	MW		Friday, October 26, 2018	3	4	1,155	1,155
Current St. John's Temperature & Windchill: 15 °C	N/A	°C		Saturday, October 27, 2018	4	3	1,155	1,155
7-Day Island Peak Demand Forecast:	1,195	MW		Sunday, October 28, 2018	4	7	1,195	1,195

Supply Notes For October 22, 2018

- 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 System having no synchronous connections to 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 Island Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation and capacity assistance (when applicable).
 - Adjusted for curtailable load, market activities and the impact of voltage reduction when applicable.

Section 3

Island Peak Demand Information

Previous Day Actual Peak and Current Day Forecast Peak

Sun, Oct 21, 2018	Actual Island Peak Demand ⁸	12:00	916 MW
Mon, Oct 22, 2018	Forecast Island Peak Demand		1,000 MW

Notes: 8. Island Demand / LIL / ML Exports (where applicable) is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).