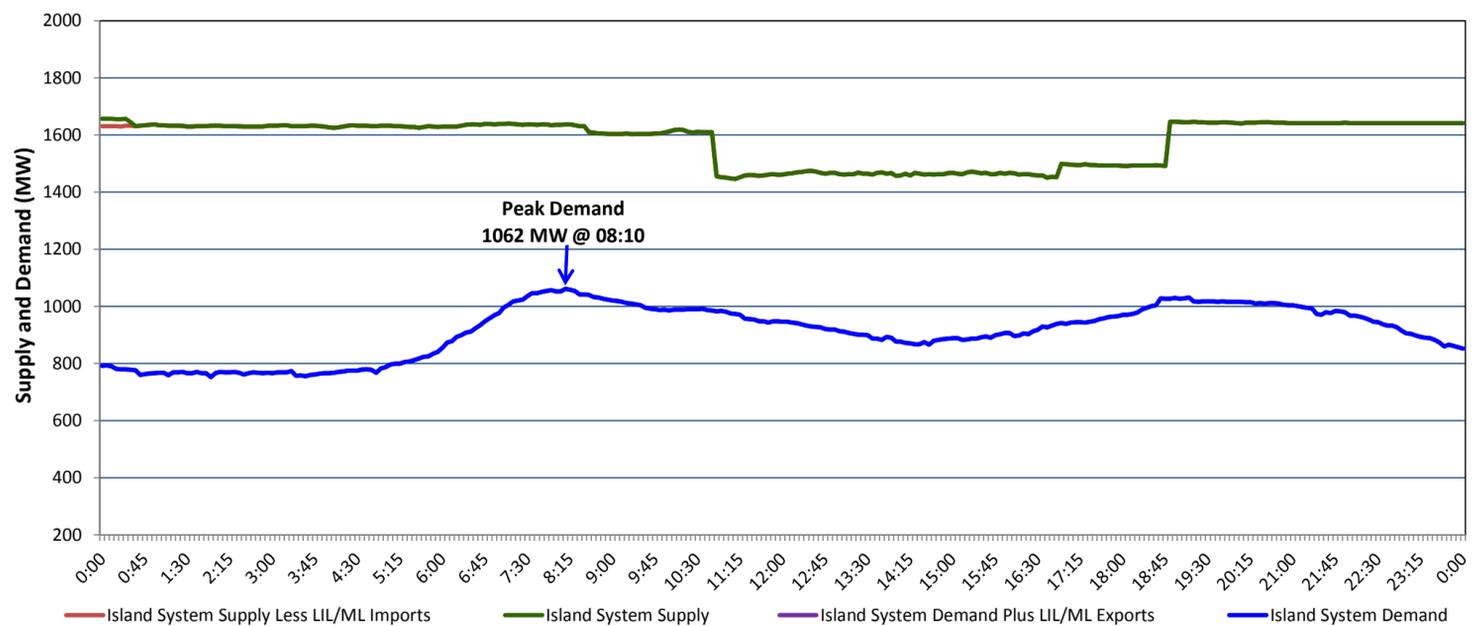


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, October 24, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, October 23, 2018**



Supply Notes For October 23, 2018

- 1,2
- A As of 1623 hours, September 28, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).
 - B As of 0837 hours, October 21, 2018, Holyrood Unit 1 available at 140 MW (170 MW).
 - C As of 1155 hours, October 22, 2018, Upper Salmon Unit unavailable due to planned outage (84 MW).
 - D At 0831 hours, October 23, 2018, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 MW).
 - E At 0900 hours, October 23, 2018, St. Anthony Diesel Plant available at 7.7 MW (9.7 MW).
 - F At 1047 hours, October 23, 2018, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
 - G At 1047 hours, October 23, 2018, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
 - H At 1547 hours, October 23, 2018, St. Anthony Diesel Plant available at full capacity (9.7 MW).
 - I At 1655 hours, October 23, 2018, Hardwoods Gas Turbine available (50 MW).
 - J At 1847 hours, October 23, 2018, Bay d'Espoir Unit 5 available (76.5 MW).
 - K At 1847 hours, October 23, 2018, Bay d'Espoir Unit 6 available (76.5 MW).

**Section 2
Island Interconnected Supply and Demand**

Wed, Oct 24, 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	1,675 MW	Wednesday, October 24, 2018	3	6	1,140	1,140
NLH Island Generation: ⁴	1,380 MW	Thursday, October 25, 2018	8	9	1,050	1,050
NLH Island Power Purchases: ⁶	90 MW	Friday, October 26, 2018	6	5	1,075	1,075
Other Island Generation:	205 MW	Saturday, October 27, 2018	4	2	1,110	1,110
ML/LIL Imports:	- MW	Sunday, October 28, 2018	5	6	1,175	1,175
Current St. John's Temperature & Windchill: 2 °C	N/A °C	Monday, October 29, 2018	10	13	1,010	1,010
7-Day Island Peak Demand Forecast:	1,175 MW	Tuesday, October 30, 2018	10	9	985	985

Supply Notes For October 24, 2018

- 3
- 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 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.
 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 Island Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation and capacity assistance (when applicable).
 7. 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**

Tue, Oct 23, 2018	Actual Island Peak Demand ⁸	08:10	1,062 MW
Wed, Oct 24, 2018	Forecast Island Peak Demand		1,140 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).