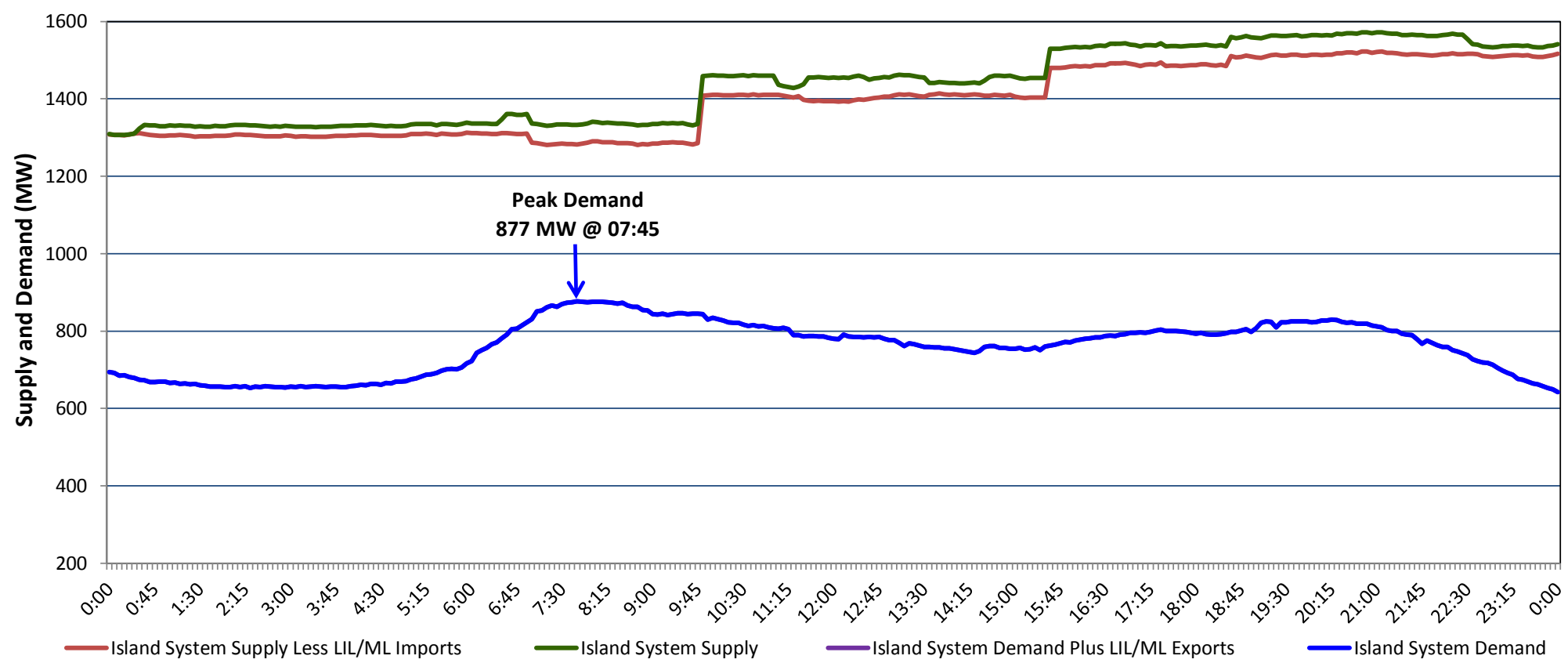


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, October 05, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Thursday, October 04, 2018**



Supply Notes For October 04, 2018

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- A As of 1000 hours, July 27, 2018, Holyrood Unit 1 unavailable due to planned outage 88 MW (170 MW).
- B As of 1034 hours, September 17, 2018, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
- C As of 1623 hours, September 28, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).
- D At 0700 hours, October 04, 2018, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 MW).
- E At 0933 hours, October 04, 2018, Hawkes Bay Diesel Plant available at 2.5 MW (5 MW).
- F At 0946 hours, October 04, 2018, Holyrood Gas Turbine available (123.5 MW).
- G At 1300 hours, October 04, 2018, Hawkes Bay Diesel Plant available at full capacity (5 MW).
- H At 1532 hours, October 04, 2018, Bay d'Espoir Unit 3 available (76.5 MW).
- I At 1831 hours, October 04, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).

**Section 2
Island Interconnected Supply and Demand**

Fri, Oct 05, 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	1,540 MW	Friday, October 05, 2018	17	7	875	875
NLH Island Generation: ⁴	1,245 MW	Saturday, October 06, 2018	6	7	905	905
NLH Island Power Purchases: ⁶	105 MW	Sunday, October 07, 2018	7	6	945	945
Other Island Generation:	190 MW	Monday, October 08, 2018	4	6	1,030	1,030
ML/LIL Imports:	- MW	Tuesday, October 09, 2018	5	6	1,045	1,045
Current St. John's Temperature & Windchill: 17 °C	N/A °C	Wednesday, October 10, 2018	9	4	1,125	1,125
7-Day Island Peak Demand Forecast:	1,130 MW	Thursday, October 11, 2018	3	5	1,130	1,130

Supply Notes For October 05, 2018

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- J At 0659 hours, October 05, 2018, 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 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**

Thu, Oct 04, 2018	Actual Island Peak Demand ⁸	07:45	877 MW
Fri, Oct 05, 2018	Forecast Island Peak Demand		875 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).