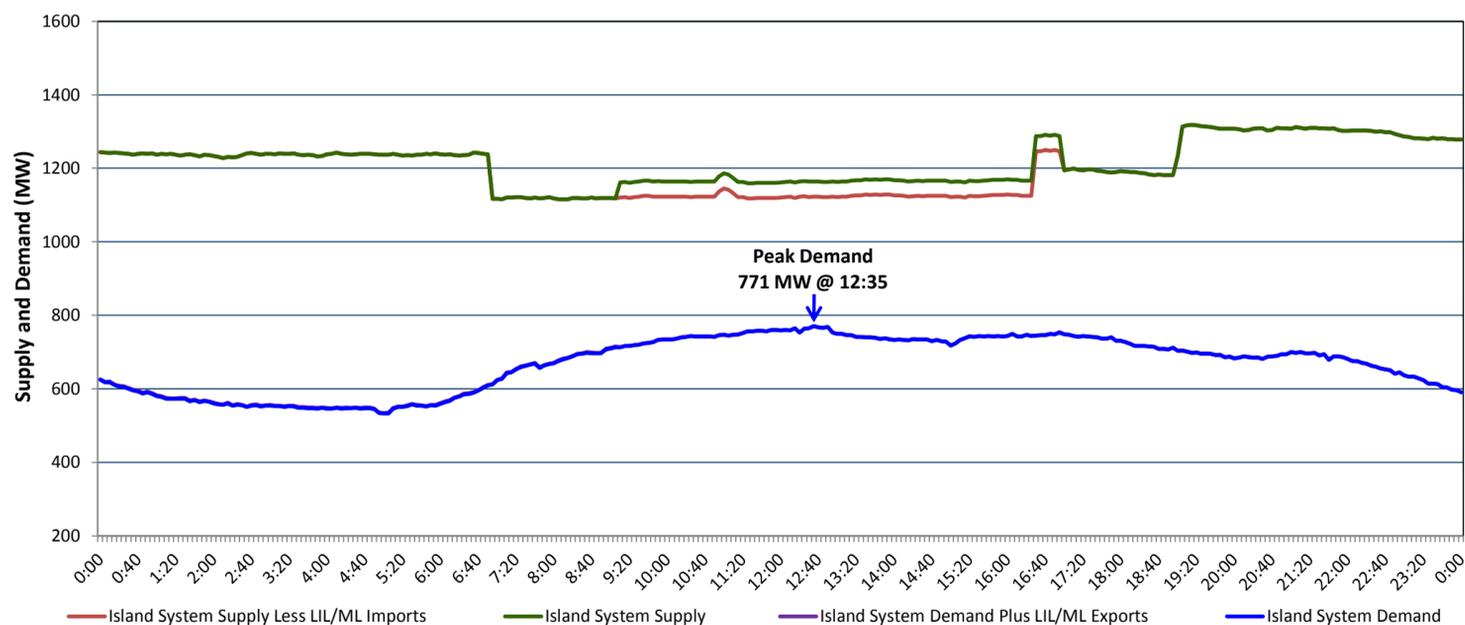


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, July 30, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Friday, July 27, 2018**



Supply Notes For July 27, 2018

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- A As of 1438 hours, May 22, 2018, Holyrood Unit 2 unavailable due to planned outage 70 MW (170 MW).
- B As of 0855 hours, June 11, 2018, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).
- C As of 0948 hours, June 27, 2018, Hinds Lake Unit unavailable due to planned outage (75 MW).
- D As of 1400 hours, July 18, 2018, Cat Arm Unit 1 available at 50 MW (67 MW).
- E As of 0801 hours, July 19, 2018, Holyrood Unit 3 removed from service for economic dispatch 110 MW (150 MW).
- F As of 0742 hours, July 23, 2018, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 MW).
- G At 0652 hours, July 27, 2018, Holyrood Combustion Turbine unavailable due to planned outage (123.5 MW).
- H At 1000 hours, July 27, 2018, Holyrood Unit 1 unavailable due to planned outage 88 MW (170 MW).
- I At 1627 hours, July 27, 2018, Holyrood Combustion Turbine available (123.5 MW).
- J At 1659 hours, July 27, 2018, Hardwoods Gas Turbine unavailable (50 MW).
- K At 1900 hours, July 27, 2018, Hardwoods Gas Turbine available (50 MW).
- L At 1905 hours, July 27, 2018, Bay d'Espoir Unit 1 available (76.5 MW).

**Section 2
Island Interconnected Supply and Demand**

Sat, Jul 28, 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	1,265 MW	Saturday, July 28, 2018	13	15	765	765
NLH Island Generation: ⁴	985 MW	Sunday, July 29, 2018	19	20	745	745
NLH Island Power Purchases: ⁶	80 MW	Monday, July 30, 2018	20	21	795	795
Other Island Generation:	200 MW	Tuesday, July 31, 2018	19	20	810	810
ML/LIL Imports:	- MW	Wednesday, August 01, 2018	20	22	815	815
Current St. John's Temperature & Windchill: 11 °C	N/A °C	Thursday, August 02, 2018	21	15	790	790
7-Day Island Peak Demand Forecast:	815 MW	Friday, August 03, 2018	18	19	805	805

Supply Notes For July 28, 2018

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- 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, Vale capacity assistance (when applicable).
 7. Adjusted for CBPP, Vale and Praxair interruptible load, Maritime Link and Labrador-Island Link exports and the impact of voltage reduction, when applicable.

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

Fri, Jul 27, 2018	Actual Island Peak Demand ⁸	12:35	771 MW
Sat, Jul 28, 2018	Forecast Island Peak Demand		765 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).