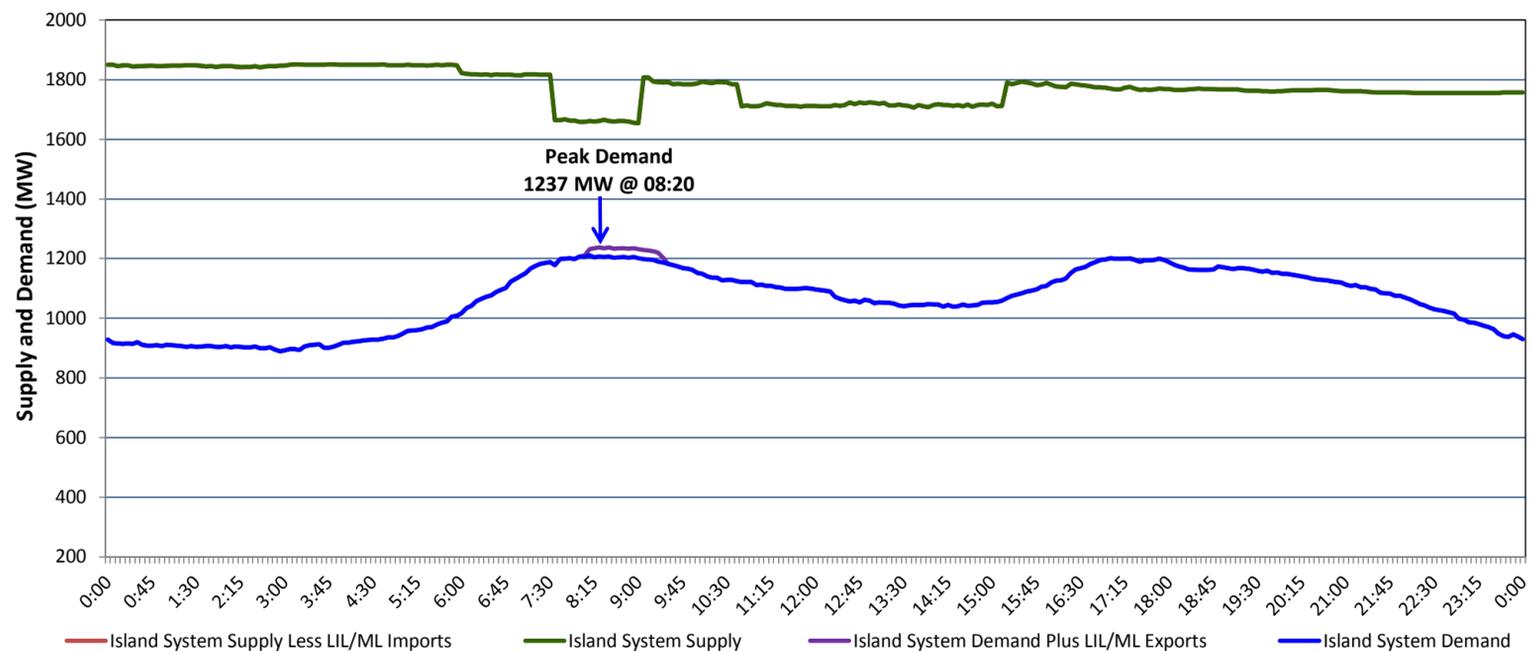


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, November 14, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, November 13, 2018**



Supply Notes For November 13, 2018

- 1,2
- A As of 2017 hours, November 03, 2018, Holyrood Unit 1 unavailable due to planned outage 40 MW (170 MW).
 B As of 0729 hours, November 09, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
 C At 0732 hours, November 13, 2018, Holyrood Unit 3 unavailable (150 MW).
 D At 0903 hours, November 13, 2018, Holyrood Unit 3 available (150 MW).
 E At 1043 hours, November 13, 2018, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).
 F At 1515 hours, November 13, 2018, Bay d'Espoir Unit 2 available (76.5 MW).

**Section 2
Island Interconnected Supply and Demand**

Wed, Nov 14, 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	1,795 MW	Wednesday, November 14, 2018	4	-1	1,410	1,314
NLH Island Generation: ⁴	1,500 MW	Thursday, November 15, 2018	-1	0	1,435	1,338
NLH Island Power Purchases: ⁶	120 MW	Friday, November 16, 2018	-2	-2	1,365	1,269
Other Island Generation:	175 MW	Saturday, November 17, 2018	7	1	1,340	1,245
ML/LIL Imports:	- MW	Sunday, November 18, 2018	-1	-2	1,325	1,230
Current St. John's Temperature & Windchill: 1 °C	N/A °C	Monday, November 19, 2018	-2	-1	1,350	1,254
7-Day Island Peak Demand Forecast:	1,435 MW	Tuesday, November 20, 2018	4	-2	1,375	1,279

Supply Notes For November 14, 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 there may be a requirement for some customer's load to 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 (UFLS), is necessary to ensure the integrity and reliability of system equipment. Under frequency events have typically occurred 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes. With the activation of the Maritime Link frequency controller during the winter of 2018, UFLS events have occurred less frequently.
 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, Nov 13, 2018	Actual Island Peak Demand ⁸	08:20	1,237 MW
Wed, Nov 14, 2018	Forecast Island Peak Demand		1,410 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).