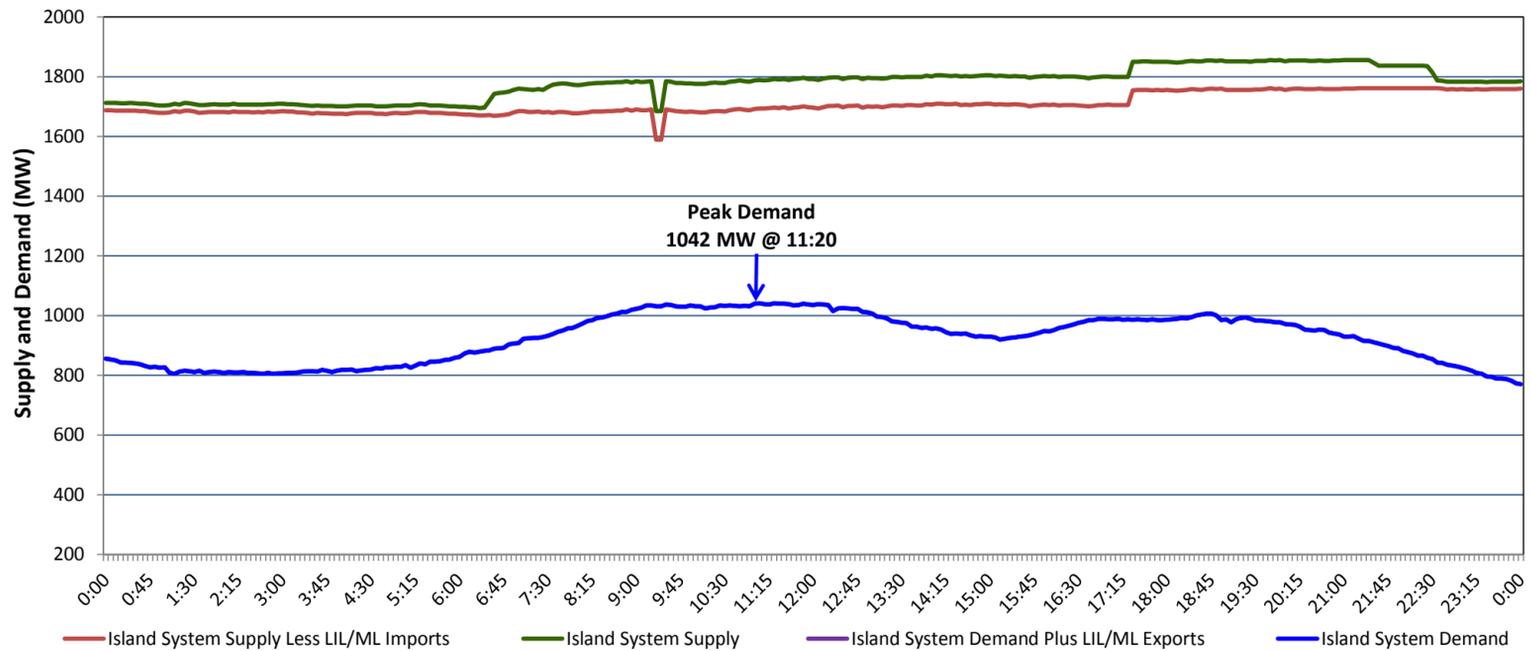


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, October 22, 2018**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Saturday, October 20, 2018**



**Supply Notes For October 20, 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 1616 hours, October 18, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).  
**C** At 0918 hours, October 20, 2018, Holyrood Unit 1 unavailable due to planned outage 100 MW (170 MW).  
**D** At 0927 hours, October 20, 2018, Holyrood Unit 1 available at 100 MW (170 MW).  
**E** At 1721 hours, October 20, 2018, Hardwoods Gas Turbine available (50 MW).

**Section 2  
Island Interconnected Supply and Demand**

Sun, Oct 21, 2018	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted <sup>7</sup>
Available Island System Supply: <sup>5</sup>	1,805 MW	Sunday, October 21, 2018	13	15	950	950
NLH Island Generation: <sup>4</sup>	1,450 MW	Monday, October 22, 2018	14	5	1,025	1,025
NLH Island Power Purchases: <sup>6</sup>	130 MW	Tuesday, October 23, 2018	4	5	1,105	1,105
Other Island Generation:	200 MW	Wednesday, October 24, 2018	4	6	1,105	1,105
ML/LIL Imports:	25 MW	Thursday, October 25, 2018	8	8	1,015	1,015
Current St. John's Temperature & Windchill: 11 °C	N/A °C	Friday, October 26, 2018	4	5	1,130	1,130
7-Day Island Peak Demand Forecast:	1,145 MW	Saturday, October 27, 2018	3	3	1,145	1,145

**Supply Notes For October 21, 2018**

- 3
- F** At 0528 hours, October 21, 2018, Cat Arm Unit 1 unavailable (67 MW).  
**G** At 0631 hours, October 21, 2018, Cat Arm Unit 1 available (67 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**

Sat, Oct 20, 2018	Actual Island Peak Demand <sup>8</sup>	11:20	1,042 MW
Sun, Oct 21, 2018	Forecast Island Peak Demand		950 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).