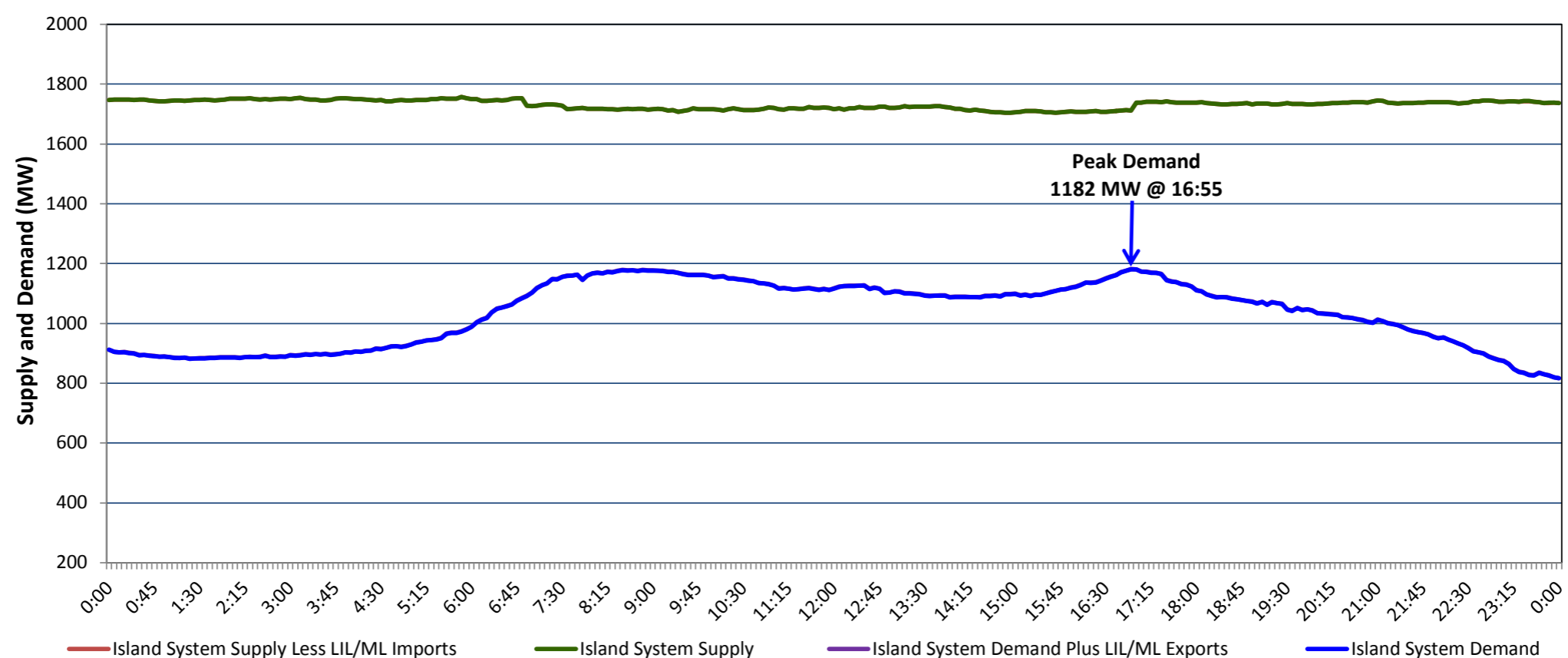


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, November 10, 2020

### Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Monday, November 09, 2020



#### Supply Notes For November 09, 2020 1,2

- A As of 1134 hours, October 29, 2020, Hinds Lake Unit available at 65 MW (75 MW).
- B As of 0041 hours, November 07, 2020, Holyrood Unit 1 available at 70 MW (170 MW).
- C As of 1431 hours, November 08, 2020, Paradise River Unit unavailable due to planned outage (8 MW).
- D At 0725 hours, November 09, 2020, Stephenville Gas Turbine available at 25 MW (50 MW).
- E At 0748 hours, November 09, 2020, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- F At 1658 hours, November 09, 2020, Stephenville Gas Turbine available at full capacity (50 MW).

### Section 2 Island Interconnected Supply and Demand

Tue, Nov 10, 2020	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>	1,655	MW	Tuesday, November 10, 2020	6	11	1,050	958
NLH Island Generation: <sup>4</sup>	1,325	MW	Wednesday, November 11, 2020	8	5	1,055	963
NLH Island Power Purchases: <sup>6</sup>	100	MW	Thursday, November 12, 2020	11	12	965	874
Other Island Generation:	230	MW	Friday, November 13, 2020	3	2	1,110	1,017
ML/LIL Imports:	-	MW	Saturday, November 14, 2020	0	0	1,180	1,086
Current St. John's Temperature & Windchill:	6 °C	N/A °C	Sunday, November 15, 2020	0	-1	1,150	1,057
7-Day Island Peak Demand Forecast:	1,180	MW	Monday, November 16, 2020	0	2	1,165	1,072

#### Supply Notes For November 10, 2020 3

- G At 0651 hours, November 10, 2020, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
- H At 0652 hours, November 10, 2020, Stephenville Gas Turbine available at 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 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

Mon, Nov 09, 2020	Actual Island Peak Demand <sup>8</sup>	16:55	1,182 MW
Tue, Nov 10, 2020	Forecast Island Peak Demand		1,050 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).