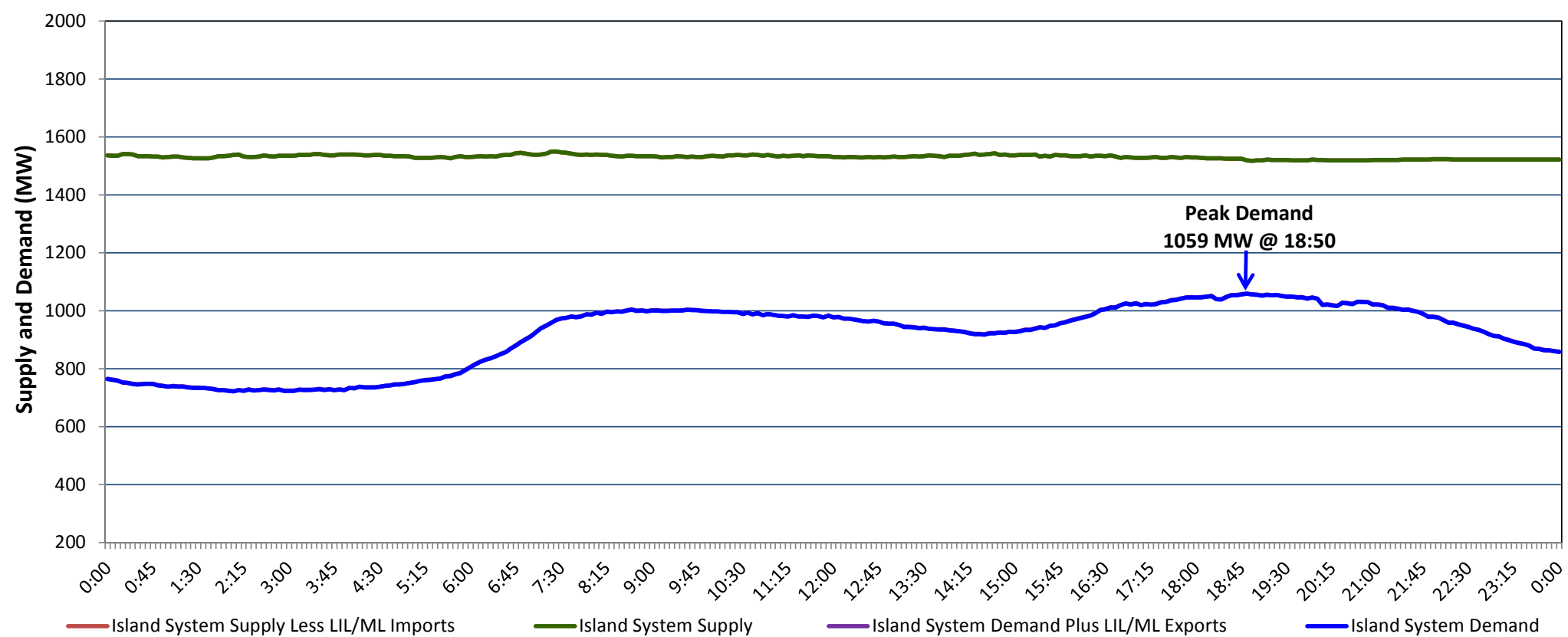


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Thursday, October 29, 2020**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Wednesday, October 28, 2020**



**Supply Notes For October 28, 2020**

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- A As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
- B As of 0734 hours, September 27, 2020, Hinds Lake Unit unavailable due to planned outage (75 MW).
- C As of 0850 hours, October 16, 2020, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
- D As of 0023 hours, October 26, 2020, Holyrood Unit 2 available at 150 MW (170 MW).
- E As of 1510 hours, October 27, 2020, Holyrood Unit 1 unavailable 70 MW (170 MW).

**Section 2  
Island Interconnected Supply and Demand**

Thu, Oct 29, 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>	1,525 MW	Thursday, October 29, 2020	-1	2	1,170	1,170
NLH Island Generation: <sup>4</sup>	1,200 MW	Friday, October 30, 2020	1	1	1,185	1,185
NLH Island Power Purchases: <sup>6</sup>	105 MW	Saturday, October 31, 2020	2	1	1,120	1,120
Other Island Generation:	220 MW	Sunday, November 01, 2020	0	4	1,045	1,033
ML/LIL Imports:	- MW	Monday, November 02, 2020	8	10	1,095	1,082
Current St. John's Temperature & Windchill:	-1 °C	Tuesday, November 03, 2020	6	2	1,155	1,142
7-Day Island Peak Demand Forecast:	1,270 MW	Wednesday, November 04, 2020	-2	-3	1,270	1,255

**Supply Notes For October 29, 2020**

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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 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**

Wed, Oct 28, 2020	Actual Island Peak Demand <sup>8</sup>	18:50	1,059 MW
Thu, Oct 29, 2020	Forecast Island Peak Demand		1,170 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).