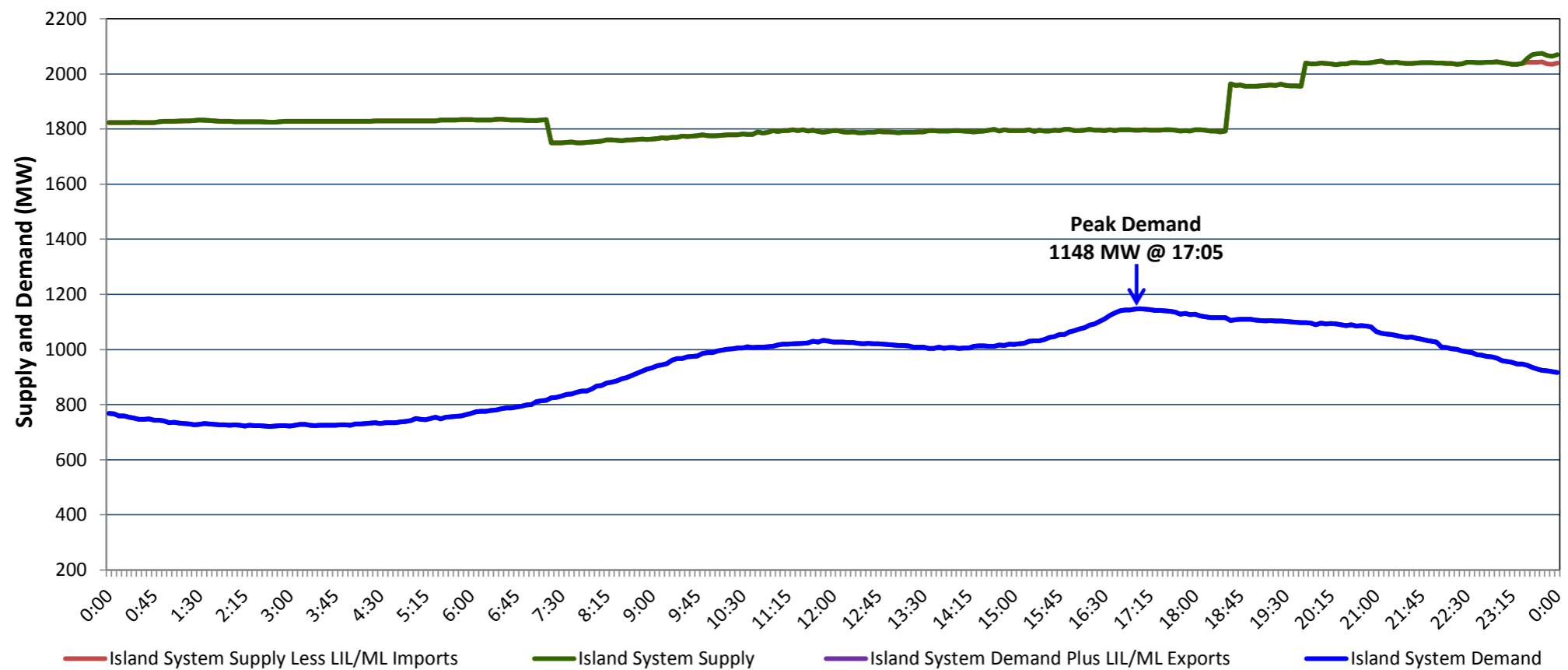


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, November 30, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Sunday, November 29, 2020**



Supply Notes For November 29, 2020

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- A At 0718 hours, November 29, 2020, Upper Salmon Unit unavailable due to planned outage (84 MW).
- B At 1830 hours, November 29, 2020, Holyrood Unit 2 available (170 MW).
- C At 1946 hours, November 29, 2020, Upper Salmon Unit available (84 MW).

**Section 2
Island Interconnected Supply and Demand**

Mon, Nov 30, 2020	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	2,045 MW	Monday, November 30, 2020	1	-1	1,195	1,101
NLH Island Generation: ⁴	1,695 MW	Tuesday, December 01, 2020	2	4	1,165	1,064
NLH Island Power Purchases: ⁶	120 MW	Wednesday, December 02, 2020	7	11	1,060	960
Other Island Generation:	230 MW	Thursday, December 03, 2020	10	10	1,065	965
ML/LIL Imports:	- MW	Friday, December 04, 2020	4	2	1,175	1,073
Current St. John's Temperature & Windchill:	1 °C	Saturday, December 05, 2020	4	6	1,145	1,044
7-Day Island Peak Demand Forecast:	1,195 MW	Sunday, December 06, 2020	9	7	1,115	1,014

Supply Notes For November 30, 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**

Sun, Nov 29, 2020	Actual Island Peak Demand ⁸	17:05	1,148 MW
Mon, Nov 30, 2020	Forecast Island Peak Demand		1,195 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).