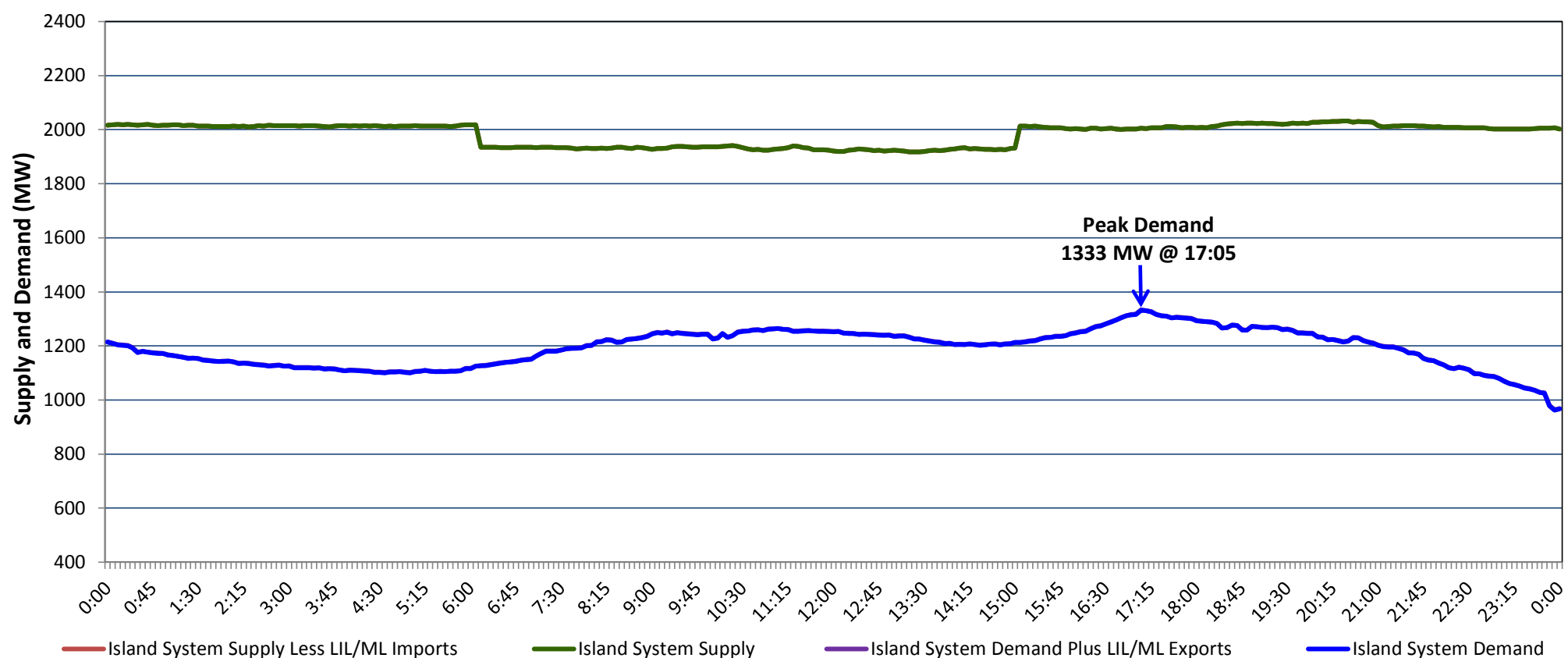


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, January 13, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Saturday, January 11, 2020**



Supply Notes For January 11, 2020

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A As of 1719 hours, December 14, 2019, Stephenville Gas Turbine available at 25 MW (50 MW).

B At 0608 hours, January 11, 2020, Upper Salmon Unit unavailable due to planned outage (84 MW).

C At 1505 hours, January 11, 2020, Upper Salmon Unit available (84 MW).

**Section 2
Island Interconnected Supply and Demand**

Sun, Jan 12, 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	2,005	MW	Sunday, January 12, 2020	0	-6	1,500	1,395
NLH Island Generation: ⁴	1,670	MW	Monday, January 13, 2020	-5	-9	1,525	1,419
NLH Island Power Purchases: ⁶	130	MW	Tuesday, January 14, 2020	-9	-8	1,525	1,419
Other Island Generation:	205	MW	Wednesday, January 15, 2020	-10	-6	1,545	1,439
ML/LIL Imports:	-	MW	Thursday, January 16, 2020	-4	-3	1,450	1,345
Current St. John's Temperature & Windchill: 1 °C	N/A	°C	Friday, January 17, 2020	-3	-6	1,575	1,469
7-Day Island Peak Demand Forecast:	1,750	MW	Saturday, January 18, 2020	-13	-15	1,750	1,642

Supply Notes For January 12, 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**

Sat, Jan 11, 2020	Actual Island Peak Demand ⁸	17:05	1,333 MW
Sun, Jan 12, 2020	Forecast Island Peak Demand		1,500 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).