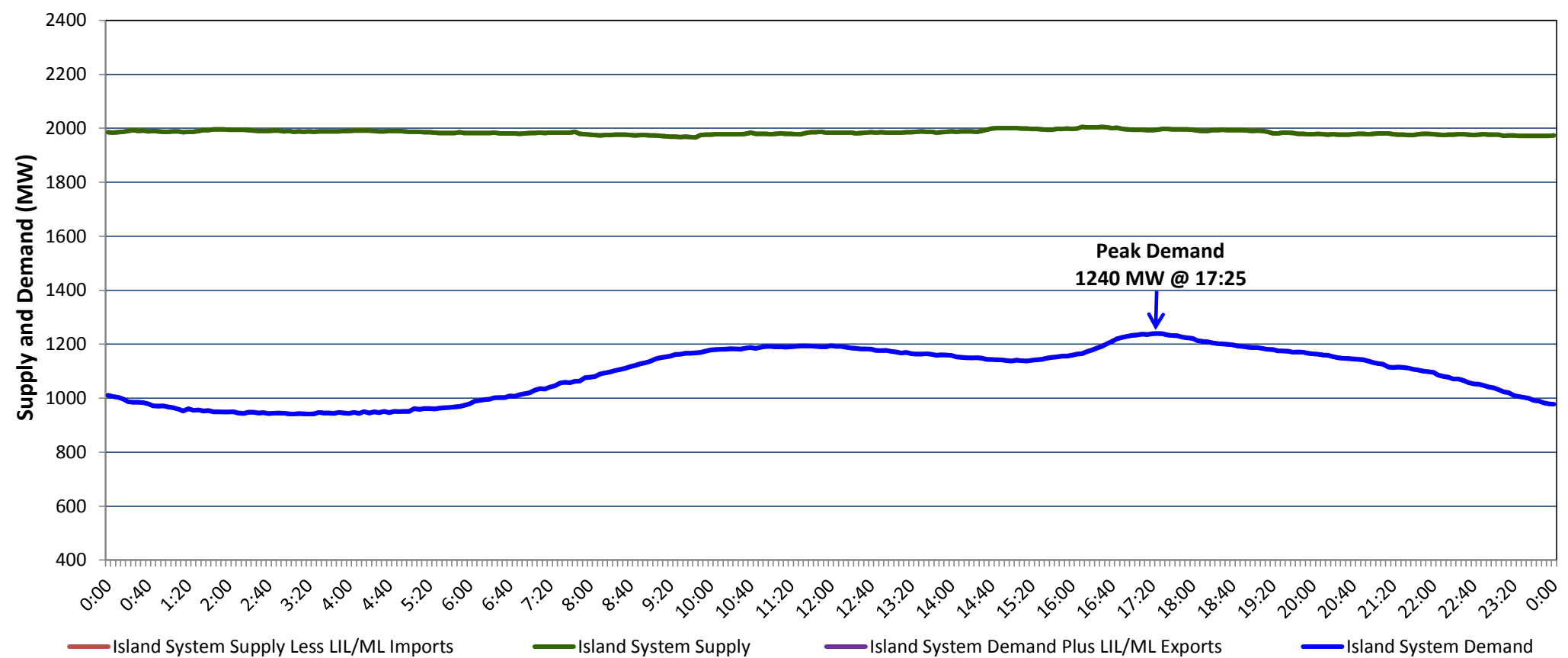


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, January 06, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Saturday, January 04, 2020**



Supply Notes For January 04, 2020

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

**Section 2
Island Interconnected Supply and Demand**

Sun, Jan 05, 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	1,962	MW	Sunday, January 05, 2020	-5	-1	1,280	1,257
NLH Island Generation: ⁴	1,670	MW	Monday, January 06, 2020	-1	-4	1,445	1,420
NLH Island Power Purchases: ⁶	85	MW	Tuesday, January 07, 2020	-6	-3	1,445	1,420
Other Island Generation:	195	MW	Wednesday, January 08, 2020	-5	-1	1,445	1,340
ML/LIL Imports:	12	MW	Thursday, January 09, 2020	-1	-3	1,530	1,424
Current St. John's Temperature & Windchill:	-2 °C	-5 °C	Friday, January 10, 2020	-9	-9	1,535	1,429
7-Day Island Peak Demand Forecast:	1,535	MW	Saturday, January 11, 2020	0	3	1,285	1,182

Supply Notes For January 05, 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 04, 2020	Actual Island Peak Demand ⁸	17:25	1,240 MW
Sun, Jan 05, 2020	Forecast Island Peak Demand		1,280 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).