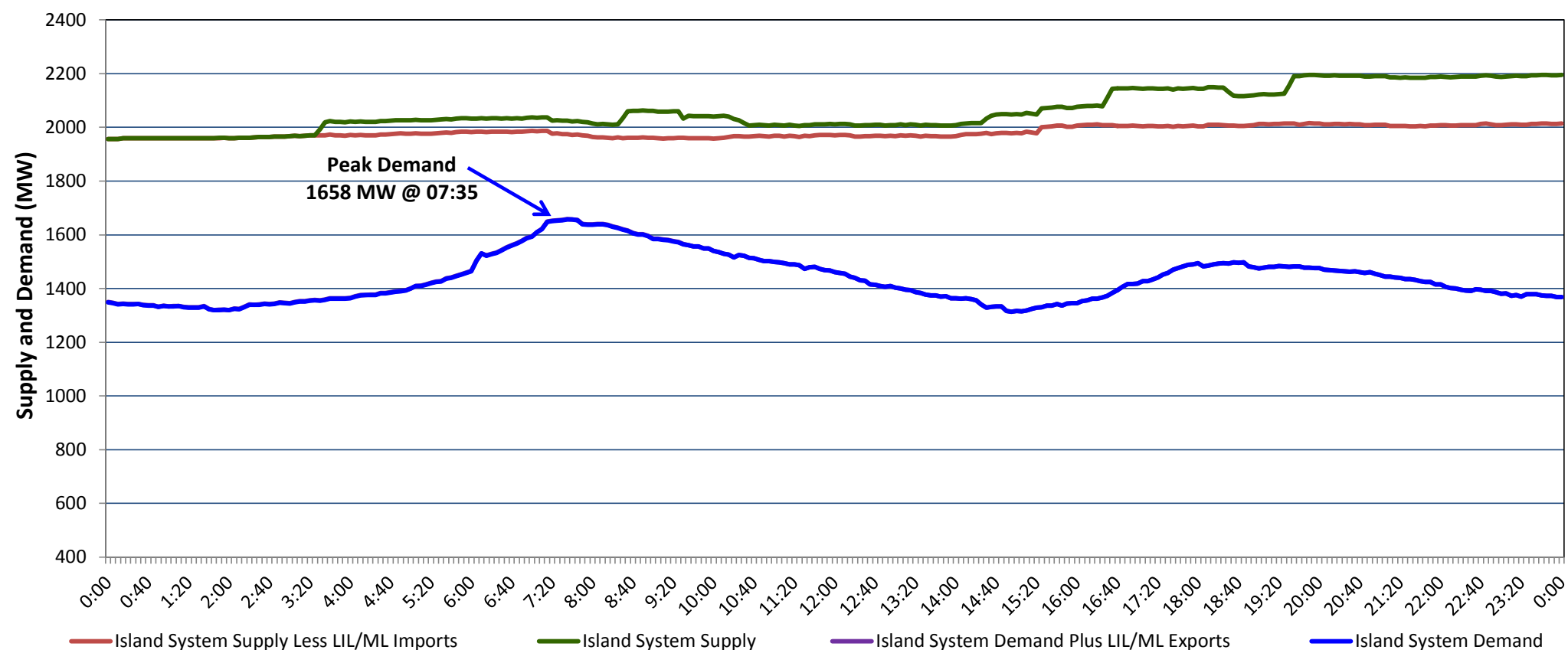


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, February 25, 2019**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Friday, February 22, 2019**



Supply Notes For February 22, 2019

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A At 15:27 hours, February 22, 2019, Hardwoods Gas Turbine available at 25 MW (50 MW).

**Section 2
Island Interconnected Supply and Demand**

Sat, Feb 23, 2019	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	2,161	MW	Saturday, February 23, 2019	-15	-13	1,680	1,575
NLH Island Generation: ⁴	1,670	MW	Sunday, February 24, 2019	-14	-12	1,635	1,530
NLH Island Power Purchases: ⁶	135	MW	Monday, February 25, 2019	-11	-2	1,610	1,505
Other Island Generation:	205	MW	Tuesday, February 26, 2019	-3	-6	1,525	1,421
ML/LIL Imports:	151	MW	Wednesday, February 27, 2019	-8	-6	1,570	1,466
Current St. John's Temperature & Windchill:	-14 °C	-26 °C	Thursday, February 28, 2019	-5	-6	1,505	1,402
7-Day Island Peak Demand Forecast:	1,680	MW	Friday, March 01, 2019	-10	-9	1,585	1,481

Supply Notes For February 23, 2019

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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**

Fri, Feb 22, 2019	Actual Island Peak Demand ⁸	07:35	1,658 MW
Sat, Feb 23, 2019	Forecast Island Peak Demand		1,680 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).