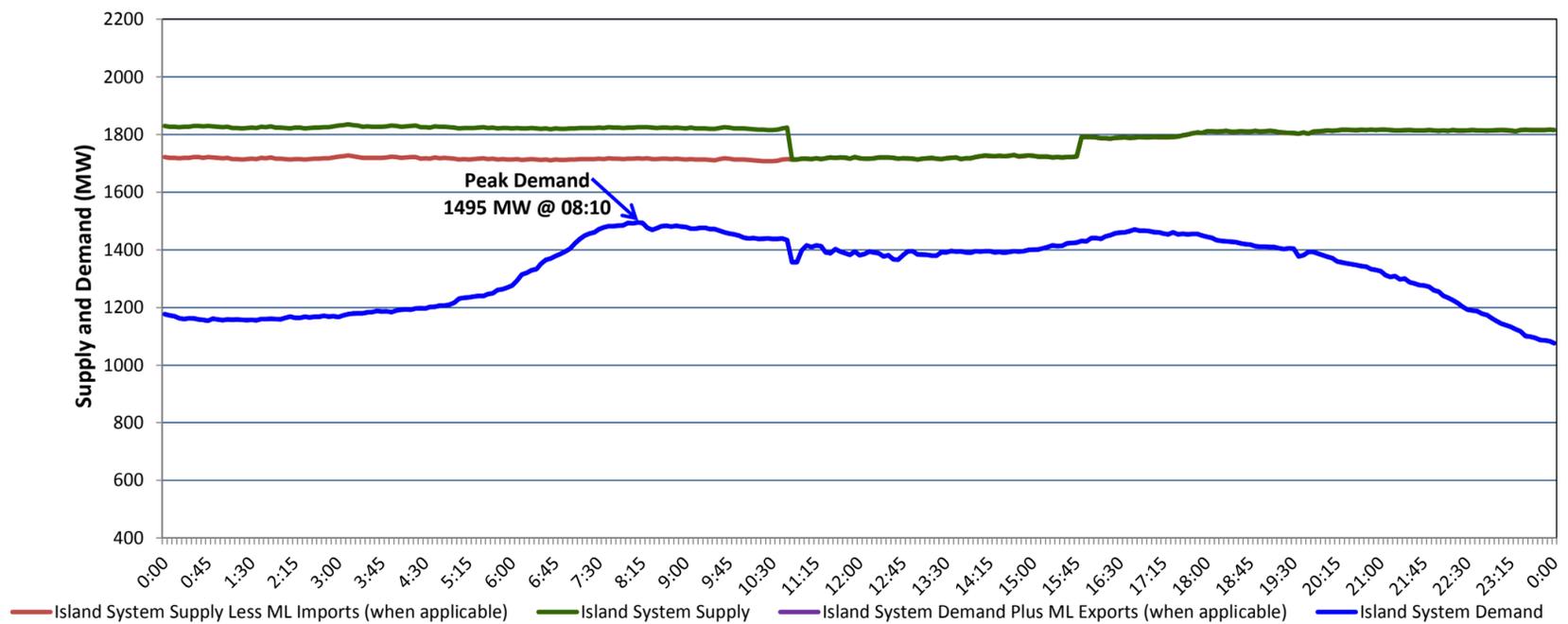


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, February 22, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Wednesday, February 21, 2018**



Supply Notes For February 21, 2018

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- A As of 2115 hours, January 04, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- B As of 0844 hours, February 17, 2018, Holyrood Unit 2 available at 110 MW (170 MW).
- C As of 0810 hours, February 18, 2018, Holyrood Unit 3 available at 108 MW (150 MW).
- D At 1545 hours, February 21, 2018, Holyrood Unit 1 available at 70 MW (170 MW).

**Section 2
Island Interconnected Supply and Demand**

Thu, Feb 22, 2018	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	1,915	MW	Thursday, February 22, 2018	-5	-9	1,600	1,490
NLH Generation: ⁴	1,465	MW	Friday, February 23, 2018	-13	-10	1,665	1,485
NLH Power Purchases: ⁶	190	MW	Saturday, February 24, 2018	-6	-2	1,400	1,248
Maritime Link Imports: ³	50	MW	Sunday, February 25, 2018	-12	-9	1,535	1,426
Other Island Generation:	210	MW	Monday, February 26, 2018	-9	-6	1,515	1,347
Current St. John's Temperature & Windchill:	-2 °C	-11 °C	Tuesday, February 27, 2018	-2	-1	1,405	1,288
7-Day Island Peak Demand Forecast:	1,665	MW	Wednesday, February 28, 2018	0	-1	1,380	1,273

Supply Notes For February 22, 2018

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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 some customer's load must 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, is necessary to ensure the integrity and reliability of system equipment. Under frequency events typically occur 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes.
 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 Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation, Vale capacity assistance (when applicable).
 7. Adjusted for CBP&P, Vale and Praxair interruptible load, Maritime Link Exports and the impact of voltage reduction (when applicable).

**Section 3
Island Peak Demand Information
Previous Day Actual Peak and Current Day Forecast Peak**

Wed, Feb 21, 2018	Actual Island Peak Demand ⁸	08:10	1,495 MW
Thu, Feb 22, 2018	Forecast Island Peak Demand		1,600 MW

Notes: 8. Island Demand / 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).