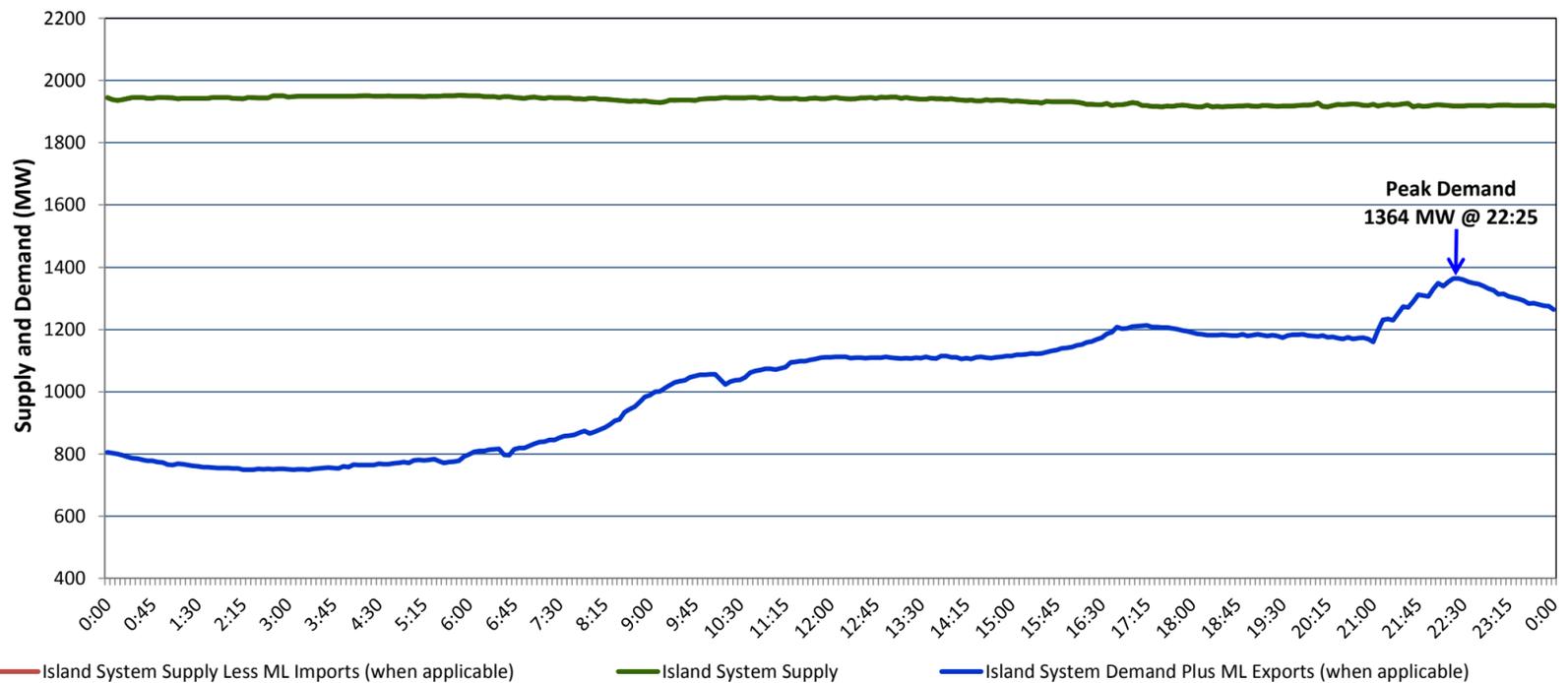


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, January 15, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Sunday, January 14, 2018**



Supply Notes For January 14, 2018

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- A As of 0739 hours, January 03, 2018, Holyrood Unit 2 available at 154 MW (170 MW).
- B As of 2115 hours, January 04, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- C As of 0815 hours, January 08, 2018, Holyrood Unit 1 available at 148 MW (170 MW).
- D As of 2049 hours, January 12, 2018, Holyrood Unit 3 available at 131 MW (150 MW).

**Section 2
Island Interconnected Supply and Demand**

Mon, Jan 15, 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	1,920 MW	Monday, January 15, 2018	-4	-5	1,555	1,446
NLH Generation: ⁴	1,610 MW	Tuesday, January 16, 2018	-4	-2	1,480	1,372
NLH Power Purchases: ⁶	110 MW	Wednesday, January 17, 2018	-6	-6	1,540	1,431
Maritime Link Imports:	- MW	Thursday, January 18, 2018	-1	3	1,440	1,307
Other Island Generation:	200 MW	Friday, January 19, 2018	3	3	1,375	1,268
Current St. John's Temperature & Windchill:	-4 °C	Saturday, January 20, 2018	-3	-2	1,450	1,342
7-Day Island Peak Demand Forecast:	1,555 MW	Sunday, January 21, 2018	-1	-4	1,495	1,387

Supply Notes For January 15, 2018

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- E At 0621 hours, January 15, 2018, Martime Link testing complete.

- 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**

Sun, Jan 14, 2018	Actual Island Peak Demand ⁹	22:25	1,364 MW
Mon, Jan 15, 2018	Forecast Island Peak Demand		1,555 MW

- Notes: 9. 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).