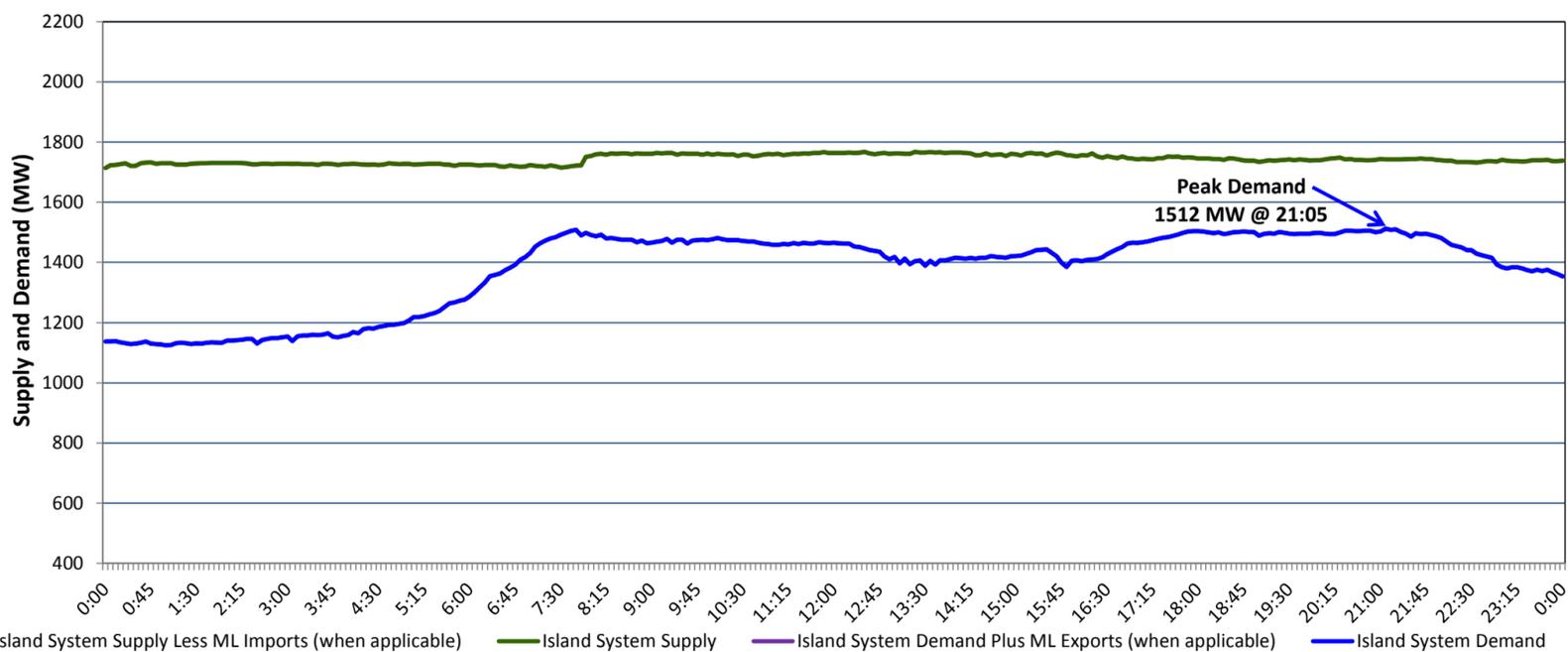


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, February 14, 2018**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Tuesday, February 13, 2018**



Supply Notes For February 13, 2018

1,2

- A As of 2115 hours, January 04, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- B As of 1204 hours, February 03, 2018, Holyrood Unit 1 unavailable 70 MW (170 MW).
- C As of 1550 hours, February 08, 2018, Holyrood Unit 2 available at 127 MW (170 MW).
- D At 0752 hours, February 13, 2018, Holyrood Unit 3 available at 103 MW (150 MW).

**Section 2
Island Interconnected Supply and Demand**

Wed, Feb 14, 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	1,720	MW	Wednesday, February 14, 2018	-11	-3	1,670	1,402
NLH Generation: ⁴	1,410	MW	Thursday, February 15, 2018	-1	-1	1,445	1,248
NLH Power Purchases: ⁶	105	MW	Friday, February 16, 2018	-2	1	1,375	1,263
Maritime Link Imports:	-	MW	Saturday, February 17, 2018	0	-9	1,600	1,490
Other Island Generation:	205	MW	Sunday, February 18, 2018	-10	-8	1,505	1,367
Current St. John's Temperature & Windchill:	-11 °C	-21 °C	Monday, February 19, 2018	-7	-4	1,490	1,332
7-Day Island Peak Demand Forecast:	1,670	MW	Tuesday, February 20, 2018	-11	-2	1,605	1,387

Supply Notes For February 14, 2018

3

- E At 0749 hours, February 14, 2018, Holyrood Unit 2 available at 124 MW (170 MW).
- F At 0749 hours, February 14, 2018, Holyrood Unit 3 available at 110 MW (150 MW).

- 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**

Tue, Feb 13, 2018	Actual Island Peak Demand ⁸	21:05	1,512 MW
Wed, Feb 14, 2018	Forecast Island Peak Demand		1,670 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).