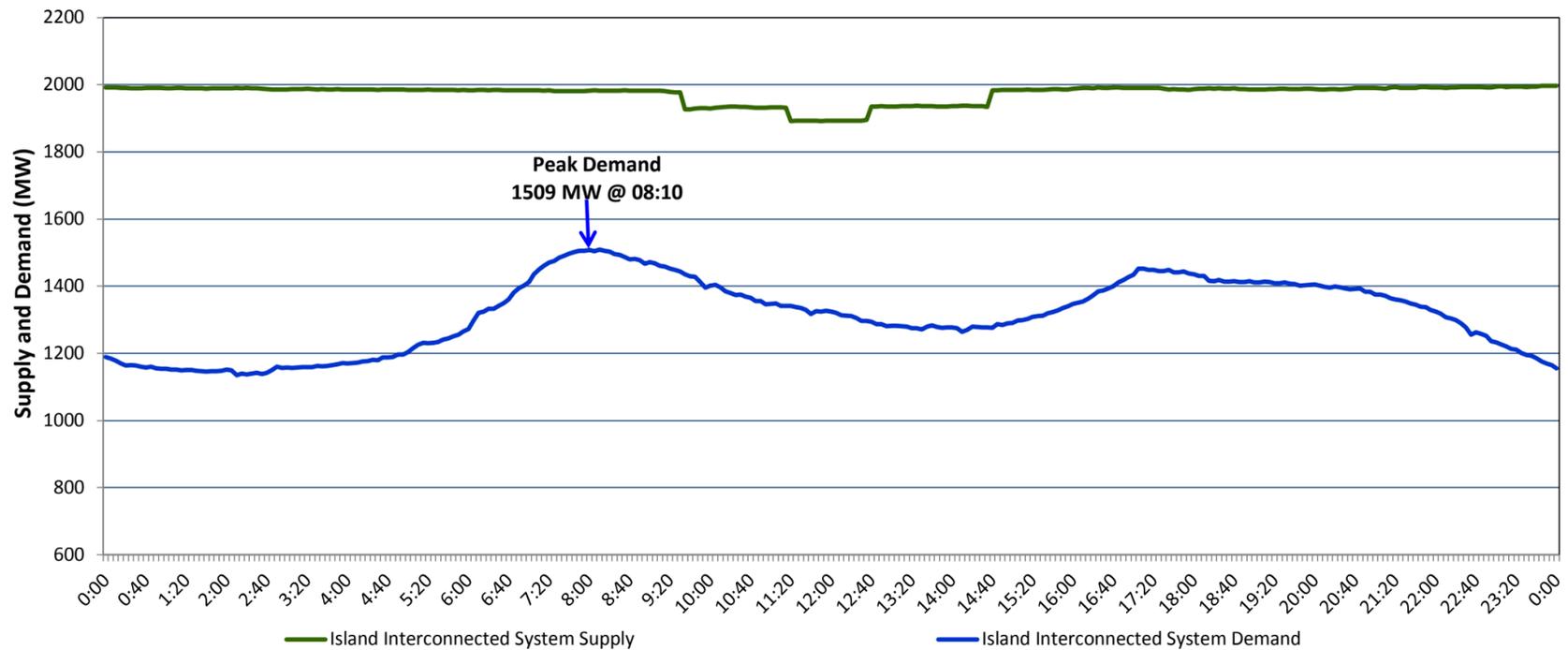


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, January 20, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Thursday, January 19, 2017**



Supply Notes For January 19, 2017

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- A As of 1920 hours, December 29, 2016, Holyrood Unit 1 available at 160 MW (170 MW).
 B As of 1321 hours, January 12, 2017, Stephenville Gas Turbine available at 38 MW (50 MW).
 C At 0935 hours, January 19, 2017, Hardwoods Gas Turbine unavailable due to a planned outage (50 MW).
 D At 1119 hours, January 19, 2017, Granite Canal Unit unavailable for a planned unit outage (40 MW).
 E At 1237 hours, January 19, 2017, Granite Canal Unit available (40 MW).
 F At 1436 hours, January 19, 2017, Hardwoods Gas Turbine available (50 MW).

**Section 2
Island Interconnected Supply and Demand**

Fri, Jan 20, 2017	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	2,000 MW	Friday, January 20, 2017	-4	-2	1,475	1,373
NLH Generation: ⁴	1,670 MW	Saturday, January 21, 2017	-1	-2	1,510	1,407
NLH Power Purchases: ⁶	135 MW	Sunday, January 22, 2017	-5	-3	1,445	1,343
Other Island Generation:	195 MW	Monday, January 23, 2017	-7	-8	1,615	1,511
Current St. John's Temperature:	-4 °C	Tuesday, January 24, 2017	-6	-5	1,520	1,417
Current St. John's Windchill:	-9 °C	Wednesday, January 25, 2017	-2	0	1,480	1,378
7-Day Island Peak Demand Forecast:	1,615 MW	Thursday, January 26, 2017	2	1	1,395	1,294

Supply Notes For January 20, 2017

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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 Interconnected System being isolated from 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, Vale capacity assistance (when applicable), and Wind Generation.
 7. Adjusted for CBP&P and Praxair interruptible load as well as the impact of voltage reduction, when applicable.

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

Thu, Jan 19, 2017	Actual Island Peak Demand ⁸	08:10	1,509 MW
Fri, Jan 20, 2017	Forecast Island Peak Demand		1,475 MW

- Notes: 8. Island Demand is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).