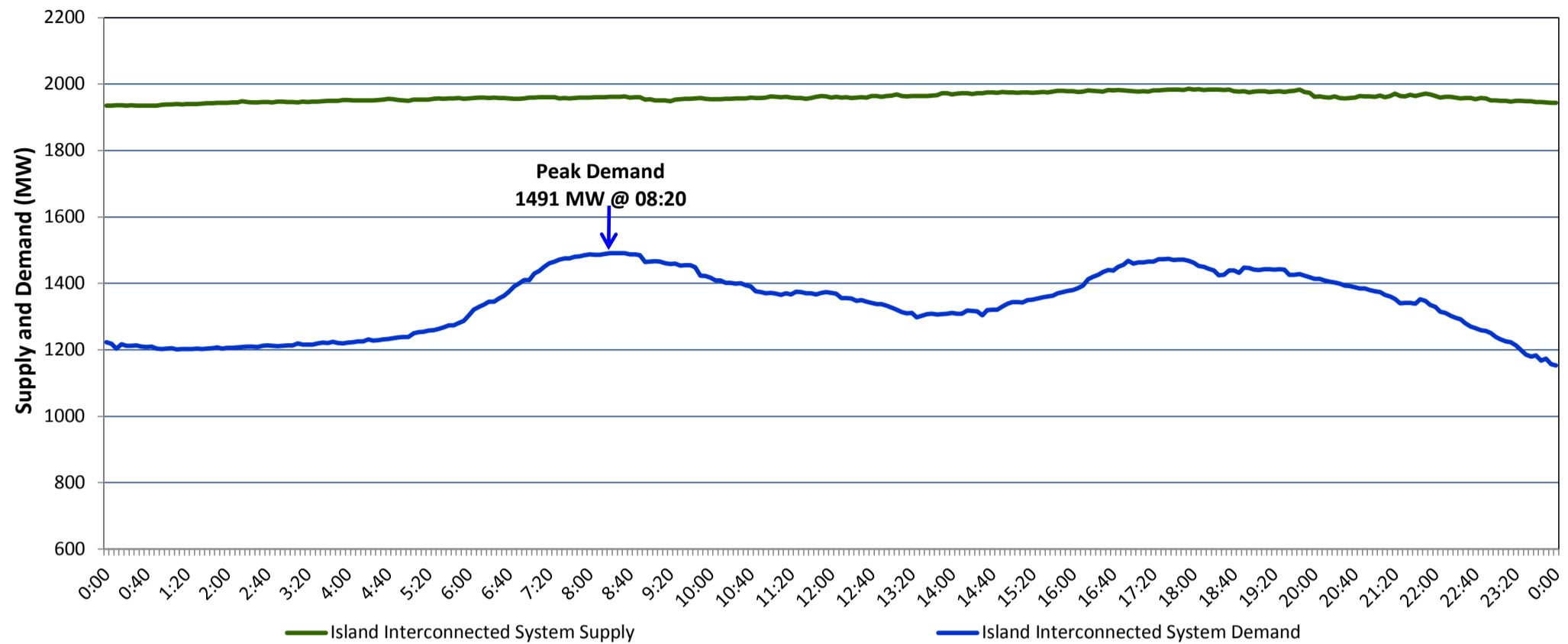


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Thursday, January 26, 2017

### Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Wednesday, January 25, 2017



#### Supply Notes For January 25, 2017

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- A As of 0827 hours, January 20, 2017, Holyrood Unit 1 available at 145 MW (170 MW).  
 B As of 1556 hours, January 20, 2017, Holyrood Unit 2 available at 150 MW (170 MW).  
 C As of 1047 hours, January 24, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).  
 D At 0855 hours, January 25, 2017, Paradise River Unit unavailable due to planned outage (8 MW).  
 E At 1345 hours, January 25, 2017, Paradise River Unit available (8 MW).

### Section 2 Island Interconnected Supply and Demand

Thu, Jan 26, 2017	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted <sup>7</sup>
Available Island System Supply: <sup>5</sup>	1,945 MW	Thursday, January 26, 2017	1	1	1,370	1,269
NLH Generation: <sup>4</sup>	1,625 MW	Friday, January 27, 2017	3	0	1,375	1,274
NLH Power Purchases: <sup>6</sup>	115 MW	Saturday, January 28, 2017	-1	-2	1,425	1,323
Other Island Generation:	205 MW	Sunday, January 29, 2017	-3	-3	1,485	1,383
Current St. John's Temperature:	1 °C	Monday, January 30, 2017	-3	-3	1,495	1,393
Current St. John's Windchill:	N/A °C	Tuesday, January 31, 2017	-3	-5	1,545	1,442
7-Day Island Peak Demand Forecast:	1,545 MW	Wednesday, February 01, 2017	-6	-4	1,530	1,427

#### Supply Notes For January 26, 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

Wed, Jan 25, 2017	Actual Island Peak Demand <sup>8</sup>	08:20	1,491 MW
Thu, Jan 26, 2017	Forecast Island Peak Demand		1,370 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).