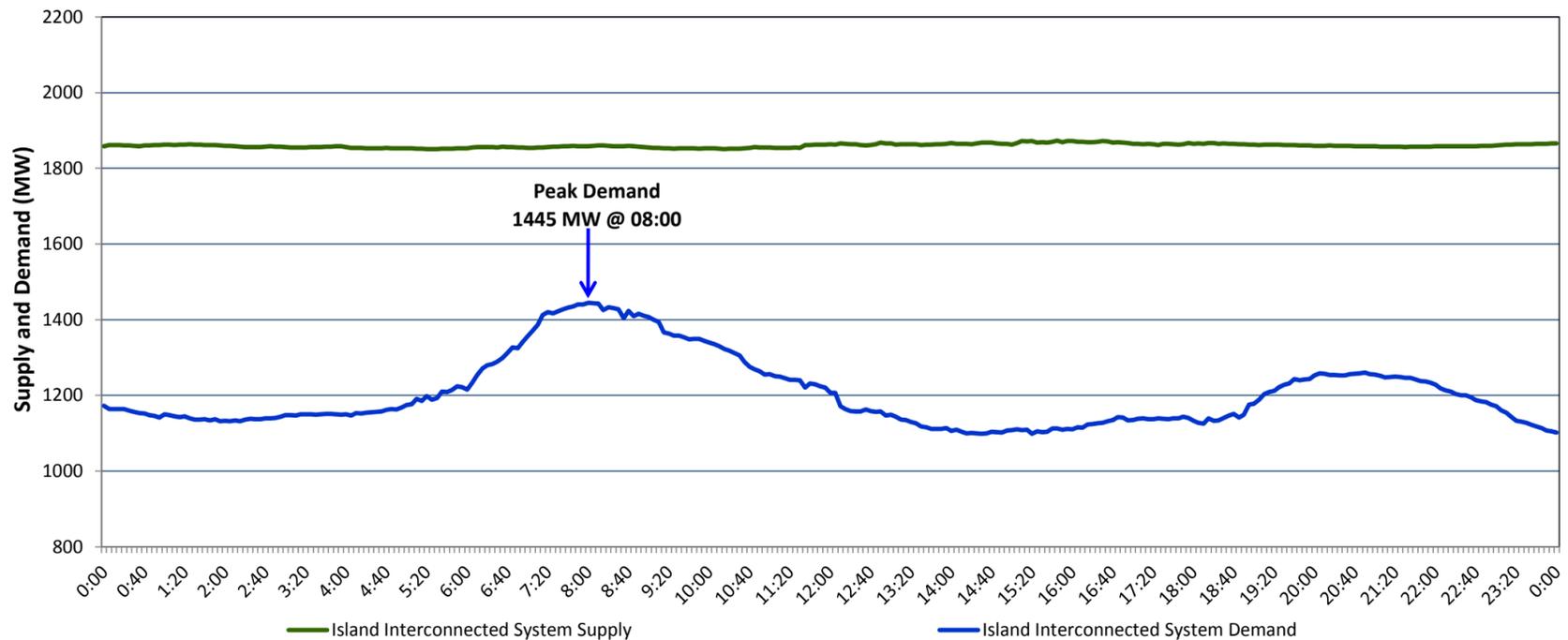


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, March 15, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Tuesday, March 14, 2017**



Supply Notes For March 14, 2017

- ^{1,2}
- A As of 0700 hours, March 06, 2017, Holyrood Unit 2 available at 140 MW (170 MW).
 - B As of 0928 hours, March 12, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
 - C As of 0950 hours, March 12, 2017, Holyrood Diesels unavailable (10 MW).
 - D As of 1036 hours, March 12, 2017, Holyrood Unit 3 available at 135 MW (150 MW).
 - E As of 1155 hours, March 12, 2017, Hardwoods Gas Turbine available at 25 MW (50 MW).
 - F As of 1547 hours, March 12, 2017, Holyrood Unit 1 available at 140 MW (170 MW).
 - G At 1135 hours, March 14, 2017, Paradise River Unit available (8 MW).

**Section 2
Island Interconnected Supply and Demand**

Wed, Mar 15, 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	1,885 MW	Wednesday, March 15, 2017	-2	6	1,435	1,327
NLH Generation: ⁴	1,560 MW	Thursday, March 16, 2017	3	0	1,240	1,135
NLH Power Purchases: ⁶	120 MW	Friday, March 17, 2017	-2	-2	1,310	1,204
Other Island Generation:	205 MW	Saturday, March 18, 2017	-4	-3	1,330	1,223
Current St. John's Temperature:	-3 °C	Sunday, March 19, 2017	-5	-2	1,355	1,248
Current St. John's Windchill:	-11 °C	Monday, March 20, 2017	1	0	1,270	1,164
7-Day Island Peak Demand Forecast:	1,435 MW	Tuesday, March 21, 2017	1	1	1,140	1,036

Supply Notes For March 15, 2017

- ³
- 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, Praxair and Vale 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**

Tue, Mar 14, 2017	Actual Island Peak Demand ⁸	08:00	1,445 MW
Wed, Mar 15, 2017	Forecast Island Peak Demand		1,435 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).