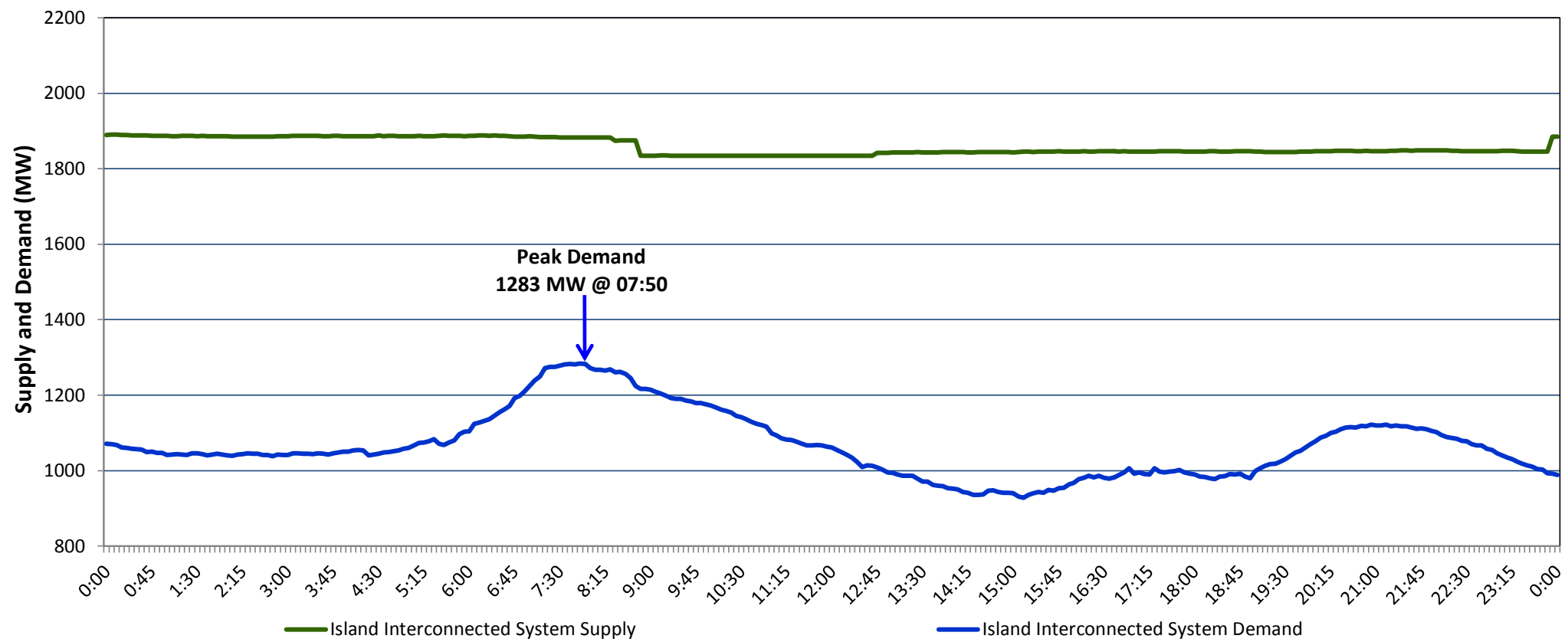


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Friday, April 07, 2017

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Thursday, April 06, 2017



Supply Notes For April 06, 2017

- AAs of 0829 hours, March 31, 2017, Holyrood Unit 1 available at 135 MW (170 MW).
- BAs of 0829 hours, March 31, 2017, Holyrood Unit 3 available at 135 MW (150 MW).
- CAs of 1526 hours, April 03, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
- DAs of 0720 hours, April 05, 2017, Holyrood Unit 2 available at 130 MW (170 MW).
- EAt 0822 hours, April 06, 2017, Paradise River Unit unavailable due to planned outage (8 MW).
- FAt 0849 hours, April 06, 2017, Granite Canal Unit unavailable due to planned outage (40 MW).
- GAt 1243 hours, April 06, 2017, Paradise River Unit available (8 MW).
- HAt 2352 hours, April 06, 2017, Granite Canal Unit available (40 MW).

Section 2
Island Interconnected Supply and Demand

Fri, Apr 07, 2017	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
			Morning	Evening	
Available Island System Supply: ⁵	1,905 MW	Friday, April 07, 2017	-2	0	1,360
NLH Generation: ⁴	1,580 MW	Saturday, April 08, 2017	4	5	1,185
NLH Power Purchases: ⁶	110 MW	Sunday, April 09, 2017	4	2	1,115
Other Island Generation:	215 MW	Monday, April 10, 2017	1	4	1,185
Current St. John's Temperature:	-4 °C	Tuesday, April 11, 2017	2	4	1,195
Current St. John's Windchill:	-8 °C	Wednesday, April 12, 2017	0	2	1,220
7-Day Island Peak Demand Forecast:	1,360 MW	Thursday, April 13, 2017	3	1	1,155

Supply Notes For April 07, 2017

- 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.

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

Thu, Apr 06, 2017	Actual Island Peak Demand ⁸	07:50	1,283 MW
Fri, Apr 07, 2017	Forecast Island Peak Demand		1,360 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).