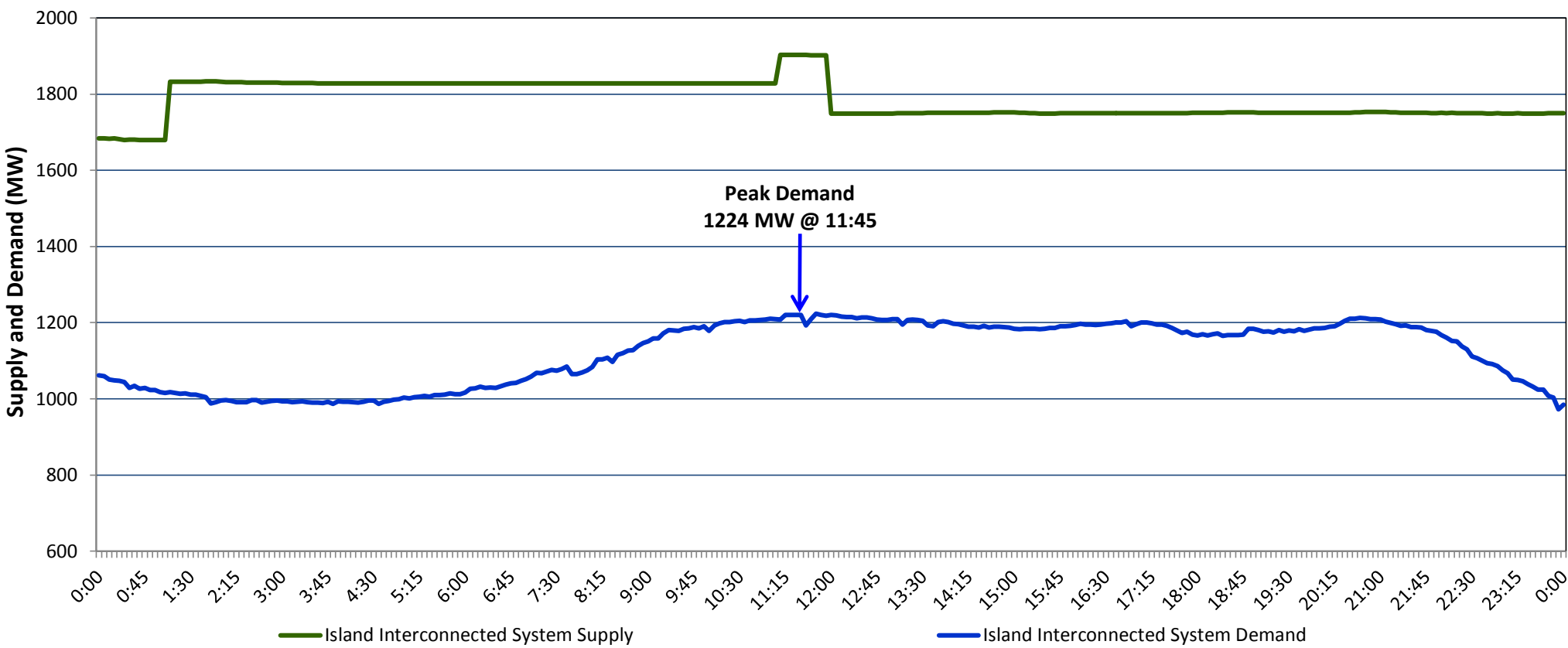


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, April 24, 2017

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Sunday, April 23, 2017



Supply Notes For April 23, 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 1520 hours, April 19, 2017, Hawke's Bay Diesel Plant available at 2.5 MW (5 MW).
- EAt 0108 hours, April 23, 2017, Holyrood Unit 2 available at 153 MW (170 MW).
- FAt 1107 hours, April 23, 2017, Hinds Lake Unit available (75 MW).
- GAt 1155 hours, April 23, 2017, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
- HAt 1155 hours, April 23, 2017, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).

Section 2
Island Interconnected Supply and Demand

Mon, Apr 24, 2017	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
			Morning	Evening	
Available Island System Supply: ⁵	1,745 MW	Monday, April 24, 2017	2	4	1,255
NLH Generation: ⁴	1,445 MW	Tuesday, April 25, 2017	-2	1	1,350
NLH Power Purchases: ⁶	85 MW	Wednesday, April 26, 2017	-1	3	1,195
Other Island Generation:	215 MW	Thursday, April 27, 2017	5	-3	1,270
Current St. John's Temperature:	-2 °C	Friday, April 28, 2017	0	1	1,210
Current St. John's Windchill:	-7 °C	Saturday, April 29, 2017	3	9	1,050
7-Day Island Peak Demand Forecast:	1,350 MW	Sunday, April 30, 2017	6	0	1,165

Supply Notes For April 24, 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

Sun, Apr 23, 2017	Actual Island Peak Demand ⁸	11:45	1,224 MW
Mon, Apr 24, 2017	Forecast Island Peak Demand		1,255 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).