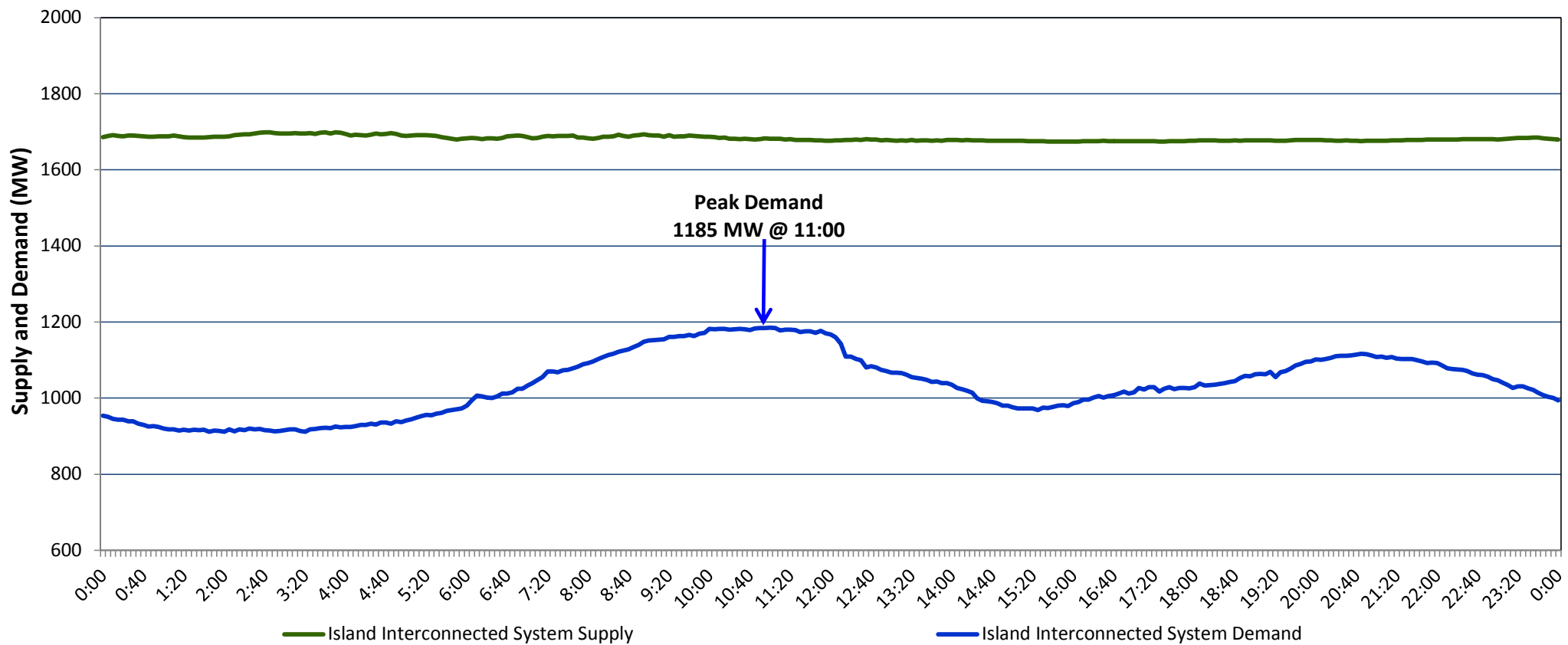


Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, April 17, 2017

Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Friday, April 14, 2017



Supply Notes For April 14, 2017

- A** As of 0829 hours, March 31, 2017, Holyrood Unit 1 available at 135 MW (170 MW).  
**B** As of 0829 hours, March 31, 2017, Holyrood Unit 3 available at 135 MW (150 MW).  
**C** As of 1526 hours, April 03, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).  
**D** As of 2151 hours, April 07, 2017, Holyrood Unit 2 unavailable due to planned outage 130 MW (170 MW).  
**E** As of 1040 hours, April 09, 2017, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).

Section 2  
Island Interconnected Supply and Demand

Sat, Apr 15, 2017			Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)
					Morning	Evening	
Available Island System Supply: <sup>5</sup>			Saturday, April 15, 2017		-1	-2	1,285
NLH Generation: <sup>4</sup>			Sunday, April 16, 2017		-1	0	1,220
NLH Power Purchases: <sup>6</sup>			Monday, April 17, 2017		5	6	1,180
Other Island Generation:			Tuesday, April 18, 2017		-3	-3	1,380
Current St. John's Temperature:			Wednesday, April 19, 2017		-1	1	1,300
Current St. John's Windchill:			Thursday, April 20, 2017		3	2	1,150
7-Day Island Peak Demand Forecast:			Friday, April 21, 2017		1	0	1,180

Supply Notes For April 15, 2017

- F** At 0751 hours, April 15, 2017, Hinds Lake Unit unavailable (75 MW).

- Notes:
- 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.
  - 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.
  - As of 0800 Hours.
  - Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
  - Gross output from all Island sources (including Note 4).
  - 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

Fri, Apr 14, 2017	Actual Island Peak Demand <sup>8</sup>	11:00	1,185 MW
Sat, Apr 15, 2017	Forecast Island Peak Demand		1,285 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).