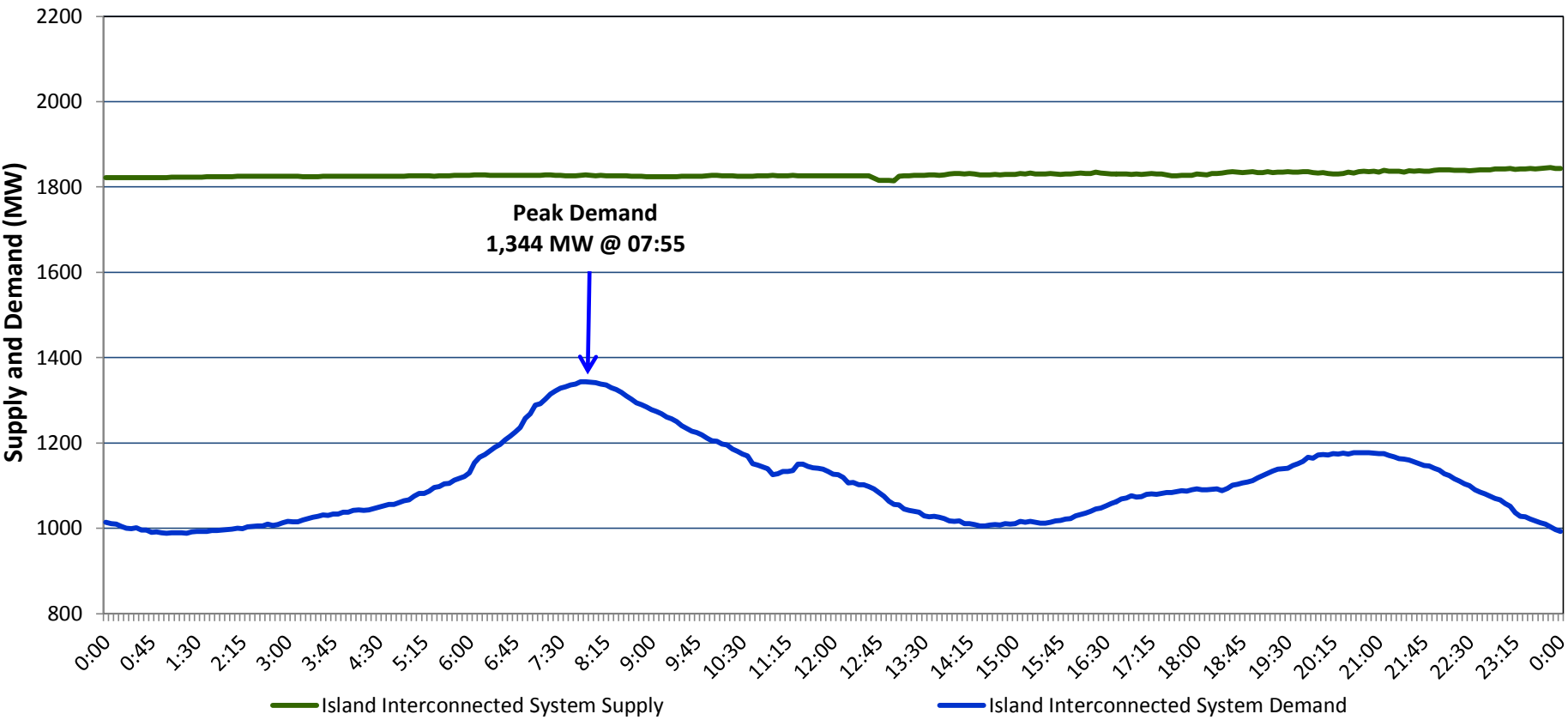


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, April 01, 2015

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Tuesday, March 31, 2015



Supply Notes For March 31, 2015

- A

As of 1823 hours, March 01, 2015, Hardwoods Gas Turbine End B unavailable (25 MW).
- B

As of 1310 hours, March 27, 2015, Holyrood Unit 3 removed from service for economic dispatch (150 MW).
- C

At 0000 hours, April 01, 2015, Vale Capacity Assistance arrangements have ended (10.8 MW).
- D

At 0000 hours, April 01, 2015, Corner Brook Pulp & Paper Capacity Assistance arrangements have ended (up to 80 MW). Shown in Adjusted column below (Adjusted column and Note 6 will not be shown on future reports).
- E

At 0000 hours, April 01, 2015, Voltage Reduction no longer included (up to 20 MW). Shown in Adjusted column below (Adjusted column and Note 6 will not be shown on future reports).

Section 2
Island Interconnected Supply and Demand

Wed, Apr 01, 2015 Island System Outlook ³			Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)	
					Morning	Evening	Forecast	Adjusted ⁶
Available Island System Supply: ⁵	1,870	MW	Wednesday, April 01, 2015		-1	1	1,280	1,280
NLH Generation: ⁴	1,520	MW	Thursday, April 02, 2015		-4	-5	1,365	1,365
NLH Power Purchases:	145	MW	Friday, April 03, 2015		-5	-2	1,310	1,310
Other Island Generation:	205	MW	Saturday, April 04, 2015		1	0	1,150	1,150
Current St. John's Temperature:	-1	°C	Sunday, April 05, 2015		6	-2	1,240	1,240
Current St. John's Windchill:	-9	°C	Monday, April 06, 2015		-6	-4	1,420	1,420
7-Day Island Peak Demand Forecast:	1,440	MW	Tuesday, April 07, 2015		-5	-4	1,440	1,440

Supply Notes For April 01, 2015

- 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 underfrequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Underfrequency 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.

Adjusted for CBP&P interruptible load (when applicable) and the impact of voltage reduction.

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

Tue, Mar 31, 2015	Actual Island Peak Demand ⁷	07:55	1,344 MW
Wed, Apr 01, 2015	Forecast Island Peak Demand		1,280 MW

Notes:

7. 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).