

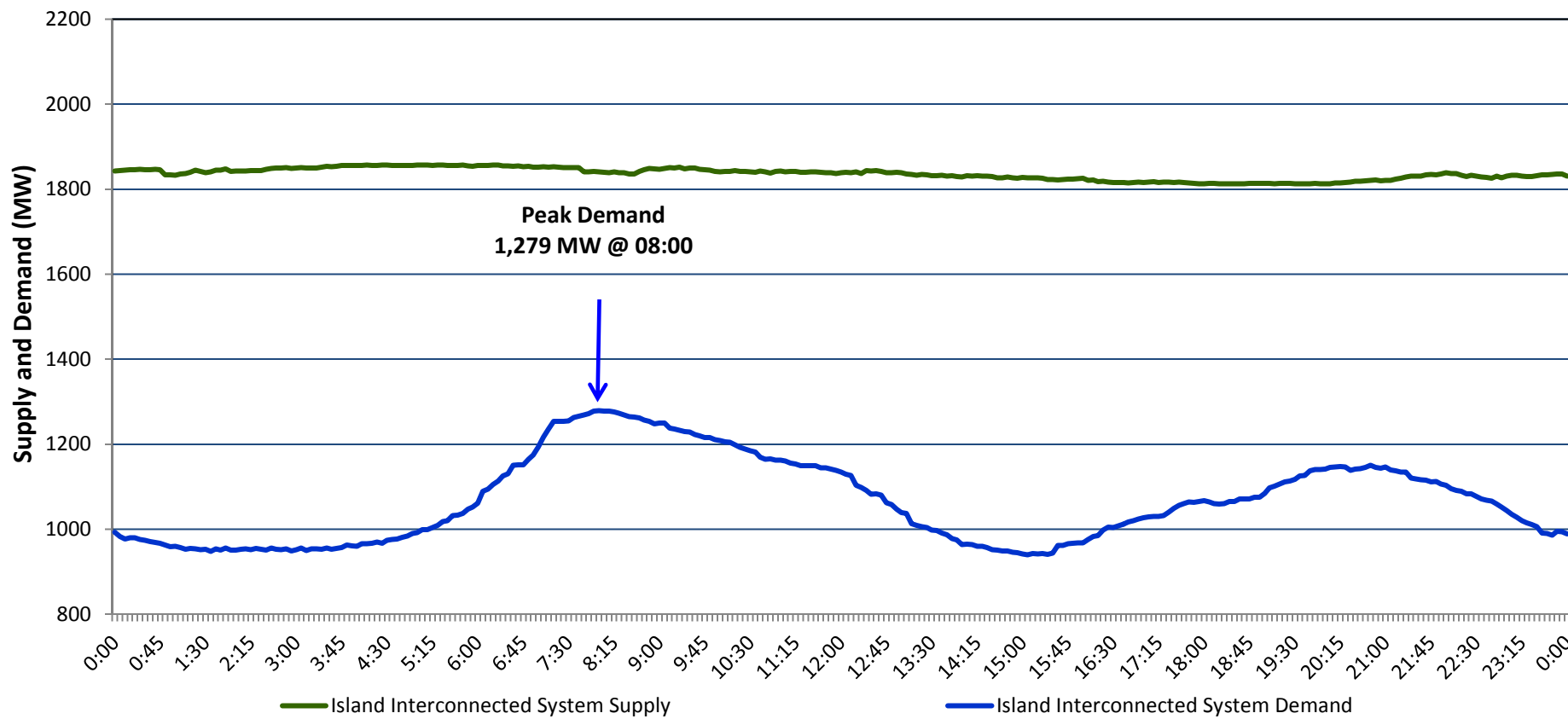
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Thursday, April 02, 2015

Section 1

Island Interconnected System Supply and Demand

Actual 24 Hour System Performance For Wednesday, April 01, 2015



Supply Notes For April 01, 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).

Section 2

Island Interconnected Supply and Demand

Thu, Apr 02, 2015    Island System Outlook <sup>3</sup>			Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)
					Morning	Evening	Forecast
Available Island System Supply: <sup>5</sup>	1,875	MW	Thursday, April 02, 2015		-4	-4	1,355
NLH Generation: <sup>4</sup>	1,520	MW	Friday, April 03, 2015		-4	-2	1,270
NLH Power Purchases:	150	MW	Saturday, April 04, 2015		1	2	1,145
Other Island Generation:	205	MW	Sunday, April 05, 2015		3	-4	1,235
Current St. John's Temperature:	-5	°C	Monday, April 06, 2015		-6	-4	1,415
Current St. John's Windchill:	-14	°C	Tuesday, April 07, 2015		-7	-3	1,435
7-Day Island Peak Demand Forecast:	1,435	MW	Wednesday, April 08, 2015		-3	-4	1,165

Supply Notes For April 02, 2015

- 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 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.
  - 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).

Section 3

Island Peak Demand Information

Previous Day Actual Peak and Current Day Forecast Peak

Wed, Apr 01, 2015	Actual Island Peak Demand <sup>7</sup>	08:00	1,279 MW
Thu, Apr 02, 2015	Forecast Island Peak Demand		1,355 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).