

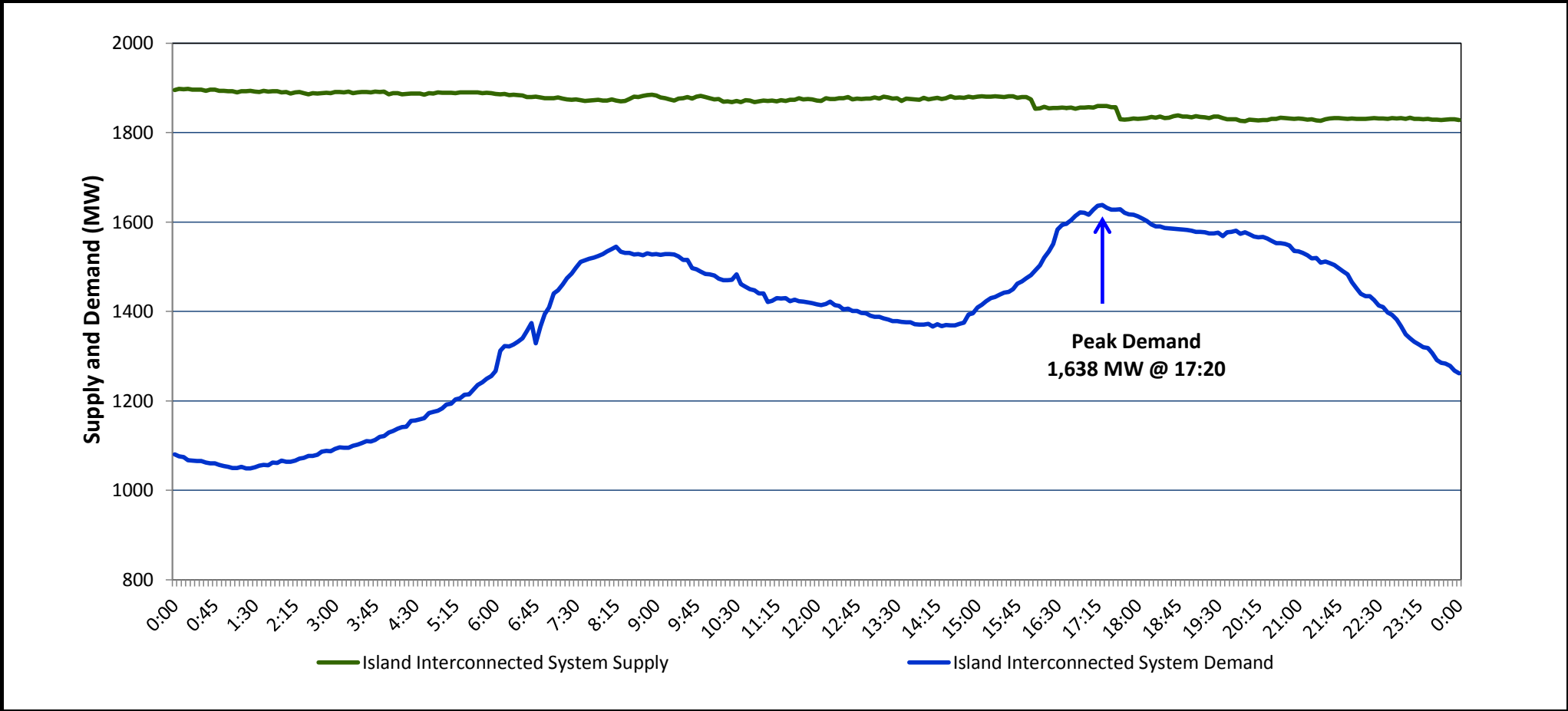
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Tuesday, December 09, 2014 (Revised - Dec. 15, 2014)

Section 1

Island Interconnected System Supply and Demand

Actual 24 Hour System Performance For Monday, December 08, 2014



Supply Notes for December 08, 2014<sup>1,2</sup>

- A As of 1000 hours, November 21, 2014, Nalcor Exploits Unit 4 unavailable due to a forced outage (30 MW). Net impact to system 4 MW (the excess water utilised by other Nalcor Grand Falls Units 5 to 8).
- B At 1741 hours, December 08, 2014, Stephenville Gas Turbine End A tripped and is unavailable (25 MW).

Section 2

Island Interconnected Supply and Demand

Tue, Dec 09, 2014	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted <sup>b</sup>
Available Island System Supply: <sup>5</sup> NLH: <sup>4</sup> Other Island Generation:	1,845 1,625 220 MW	Tuesday, December 09, 2014	-8	-3	1,525	1,445
		Wednesday, December 10, 2014	-1	1	1,275	1,185
		Thursday, December 11, 2014	1	3	1,300	1,205
		Friday, December 12, 2014	9	7	1,125	1,050
Current St. John's Temperature:	-9 °C	Saturday, December 13, 2014	7	4	1,175	1,100
Current St. John's Windchill:	-12 °C	Sunday, December 14, 2014	2	7	1,200	1,125
7-Day Island Peak Demand Forecast:	1,525 MW	Monday, December 15, 2014	5	3	1,325	1,245

Supply Notes for December 09, 2014<sup>3</sup>

- 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). Includes NLH Power Purchases.
  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

Mon, Dec 08, 2014	Actual Island Peak Demand <sup>7</sup>	17:20	1,638 MW
Tue, Dec 09, 2014	Forecast Island Peak Demand		1,525 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).