

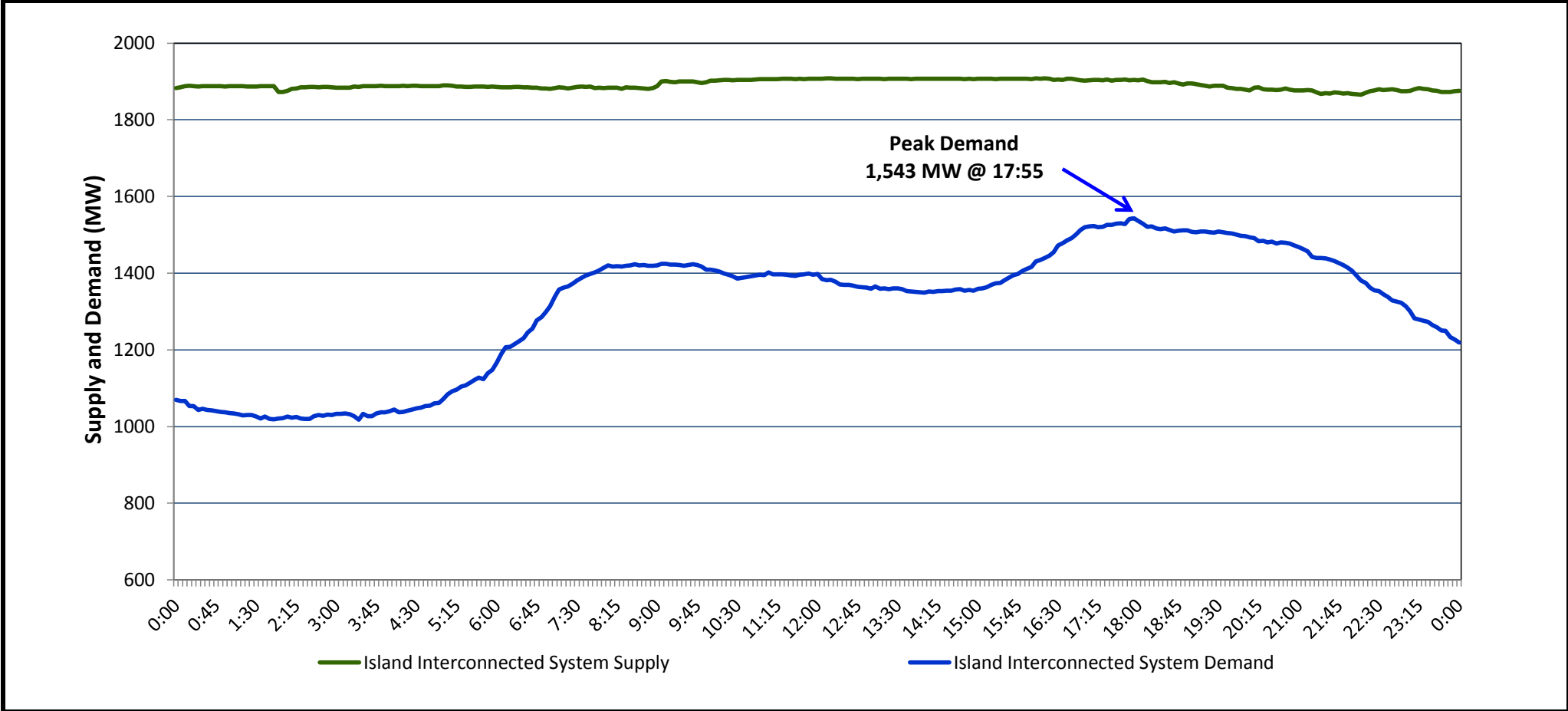
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Tuesday, January 27, 2015

Section 1

Island Interconnected System Supply and Demand

Actual 24 Hour System Performance For Monday, January 26, 2015



**Supply Notes for January 26, 2015<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** As of 1315 hours, December 15, 2014, the Stephenville Gas Turbine End 'B' unavailable (25 MW).

Section 2

Island Interconnected Supply and Demand

Tue, Jan 27, 2015      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>	1,865	MW	Tuesday, January 27, 2015	-10	-2	1,565	1,465
NLH Generation: <sup>4</sup>	1,545	MW	Wednesday, January 28, 2015	9	4	1,245	1,150
NLH Power Purchases:	105	MW	Thursday, January 29, 2015	-1	-3	1,405	1,310
Other Island Generation:	215	MW	Friday, January 30, 2015	-3	-1	1,385	1,290
Current St. John's Temperature:	-10	°C	Saturday, January 31, 2015	0	1	1,320	1,225
Current St. John's Windchill:	-15	°C	Sunday, February 01, 2015	2	-2	1,350	1,255
7-Day Island Peak Demand Forecast:	1,590	MW	Monday, February 02, 2015	-8	-5	1,590	1,490

**Supply Notes for January 27, 2015<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).
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, Jan 26, 2015	Actual Island Peak Demand <sup>7</sup>	17:55	1,543 MW
Tue, Jan 27, 2015	Forecast Island Peak Demand		1,565 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).