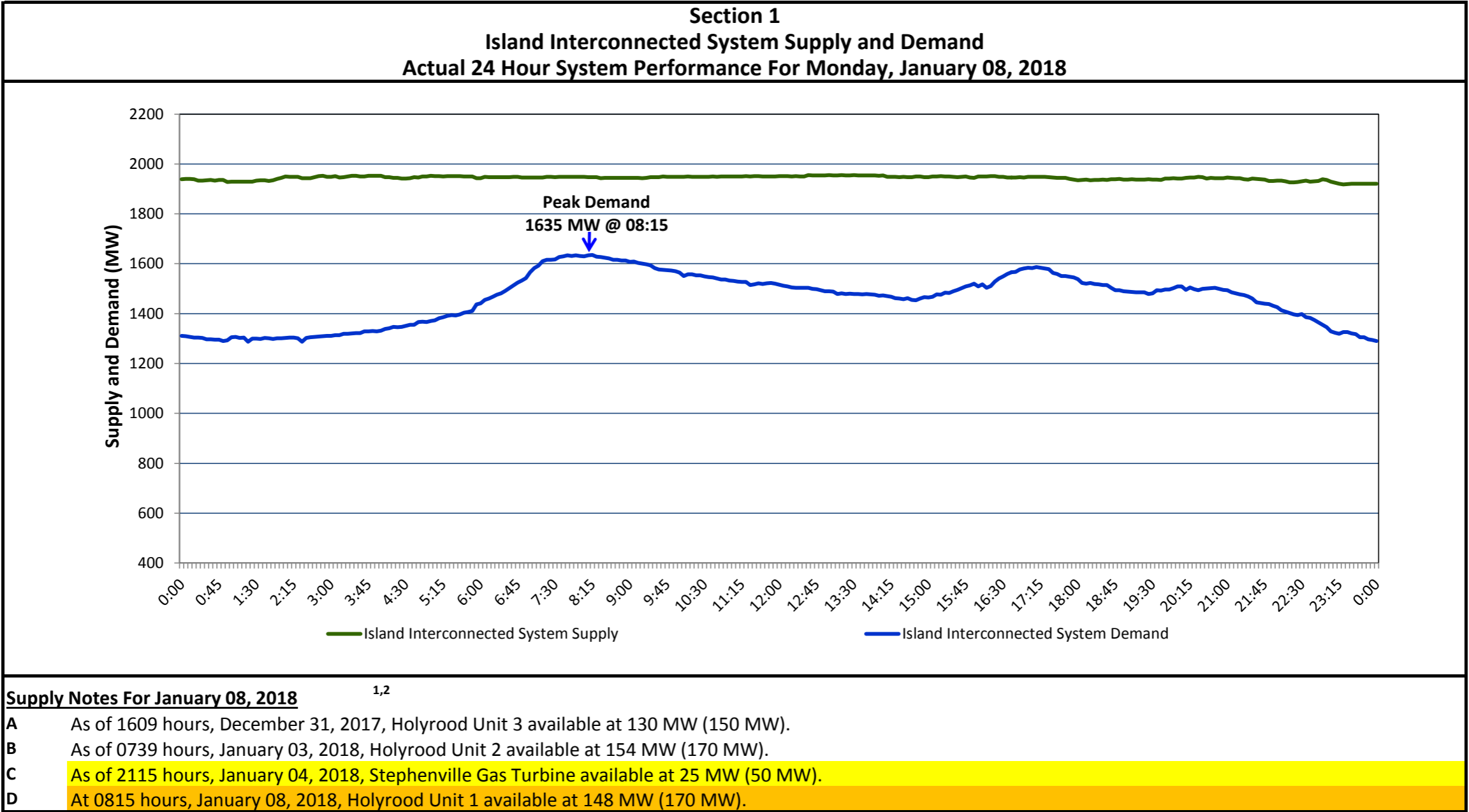


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Tuesday, January 09, 2018 (Revised - January 12, 2018)



Section 2

Island Interconnected Supply and Demand

Tue, Jan 09, 2018			Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
Island System Outlook <sup>3</sup>				Morning	Evening	Forecast	Adjusted <sup>7</sup>
Available Island System Supply: <sup>5</sup>	1,900	MW	Tuesday, January 09, 2018	-7	1	1,555	1,446
NLH Generation: <sup>4</sup>	1,610	MW	Wednesday, January 10, 2018	-4	-9	1,645	1,535
NLH Power Purchases: <sup>6</sup>	90	MW	Thursday, January 11, 2018	-2	-2	1,605	1,495
Other Island Generation:	200	MW	Friday, January 12, 2018	5	5	1,355	1,248
Current St. John's Temperature:	-7	°C	Saturday, January 13, 2018	5	-2	1,550	1,441
Current St. John's Windchill:	-13	°C	Sunday, January 14, 2018	3	2	1,295	1,189
7-Day Island Peak Demand Forecast:	1,645	MW	Monday, January 15, 2018	3	-2	1,350	1,243

Supply Notes For January 09, 2018

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 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.

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.

NLH Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation, Vale capacity assistance and Maritime Link Import (when applicable).

7.

Adjusted for CBP&P and Vale and Praxair interruptible load, the impact of voltage reduction and Maritime Link Exports (when applicable).

Section 3

Island Peak Demand Information

Previous Day Actual Peak and Current Day Forecast Peak

Mon, Jan 08, 2018	Actual Island Peak Demand <sup>8</sup>	08:15	1,635 MW
Tue, Jan 09, 2018	Forecast Island Peak Demand		1,555 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).