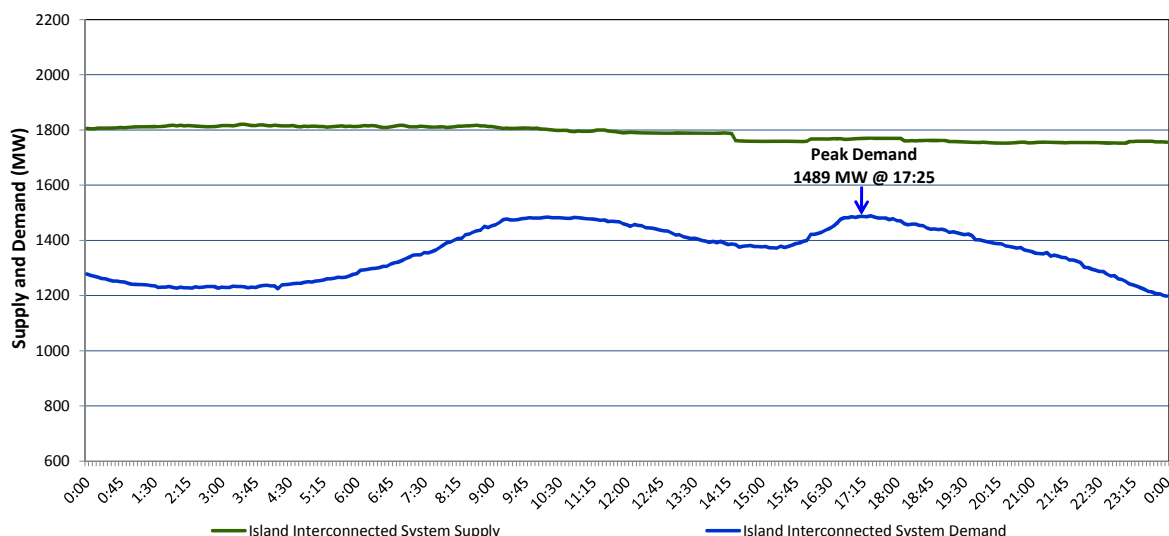


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, January 11, 2016

### Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Saturday, January 09, 2016



#### Supply Notes For January 09, 2016

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- A** As of 1200 hours, November 06, 2015, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.
- B** As of 1437 hours, December 12, 2015, Holyrood Unit 1 available. Derated to 155 MW (170 MW).
- C** As of 0428 hours, January 06, 2016, Holyrood Unit 2 unavailable (170 MW).
- D** At 1424 hours, January 09, 2016, Hardwoods Gas Turbine End "B" unavailable (25 MW).

### Section 2 Island Interconnected Supply and Demand

Sun, Jan 10, 2016      Island System Outlook <sup>3</sup>			Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)	
					Morning	Evening		
Available Island System Supply: <sup>5</sup>	1,780	MW	Sunday, January 10, 2016		-4	-6	1,425	1,328
NLH Generation: <sup>4</sup>	1,485	MW	Monday, January 11, 2016		-4	0	1,420	1,323
NLH Power Purchases:	90	MW	Tuesday, January 12, 2016		2	-3	1,465	1,368
Other Island Generation:	205	MW	Wednesday, January 13, 2016		-4	-1	1,535	1,437
Current St. John's Temperature:	-5	°C	Thursday, January 14, 2016		1	-3	1,515	1,417
Current St. John's Windchill:	-10	°C	Friday, January 15, 2016		-6	-4	1,515	1,417
7-Day Island Peak Demand Forecast:	1,535	MW	Saturday, January 16, 2016		-5	-4	1,520	1,422

#### Supply Notes For January 10, 2016

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- 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

Sat, Jan 09, 2016	Actual Island Peak Demand <sup>7</sup>	17:25	1,489 MW
Sun, Jan 10, 2016	Forecast Island Peak Demand		1,425 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).