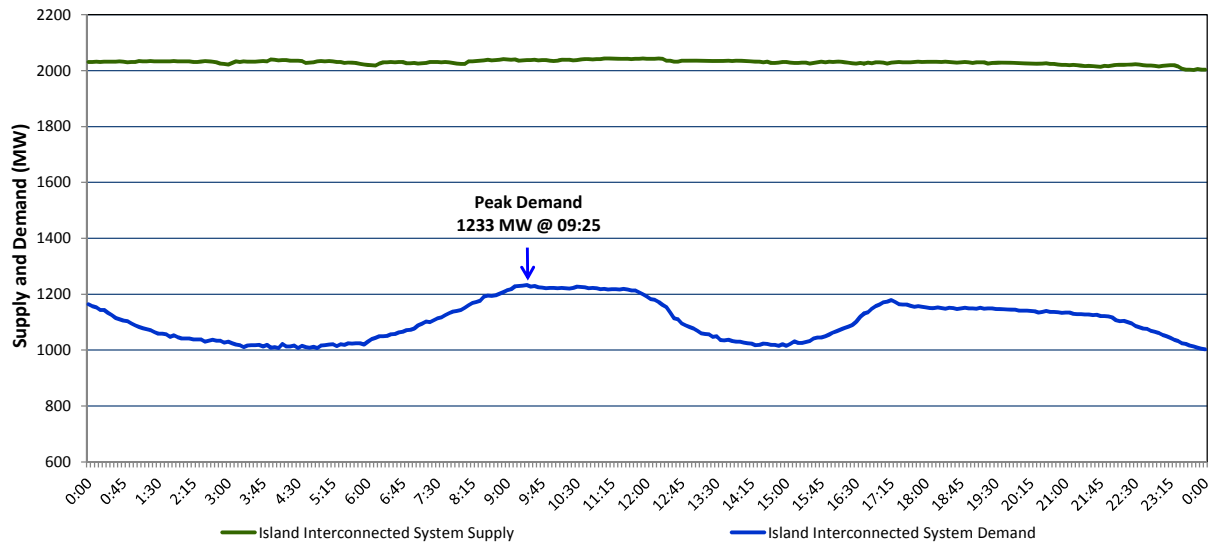


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, December 29, 2015

### Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Friday, December 25, 2015



#### Supply Notes For December 25, 2015

1,2

- 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 1000 hours, December 15, 2015, St. Anthony Diesel Unit 229 unavailable (1 MW).

### Section 2 Island Interconnected Supply and Demand

Sat, Dec 26, 2015      Island System Outlook <sup>3</sup>			Temperature (°C)		Island System Daily Peak Demand (MW)	
Seven-Day Forecast			Morning	Evening	Forecast	Adjusted <sup>6</sup>
Available Island System Supply: <sup>5</sup>	2,020	MW	Saturday, December 26, 2015		1,325	1,230
NLH Generation: <sup>4</sup>	1,675	MW	Sunday, December 27, 2015		1,480	1,383
NLH Power Purchases:	140	MW	Monday, December 28, 2015		1,620	1,521
Other Island Generation:	205	MW	Tuesday, December 29, 2015		1,580	1,482
Current St. John's Temperature:	-1	°C	Wednesday, December 30, 2015		1,545	1,447
Current St. John's Windchill:	-8	°C	Thursday, December 31, 2015		1,530	1,432
7-Day Island Peak Demand Forecast:	1,620	MW	Friday, January 01, 2016		1,295	1,200

#### Supply Notes For December 26, 2015

3

- 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

Fri, Dec 25, 2015	Actual Island Peak Demand <sup>7</sup>	09:25	1,233 MW
Sat, Dec 26, 2015	Forecast Island Peak Demand		1,325 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).