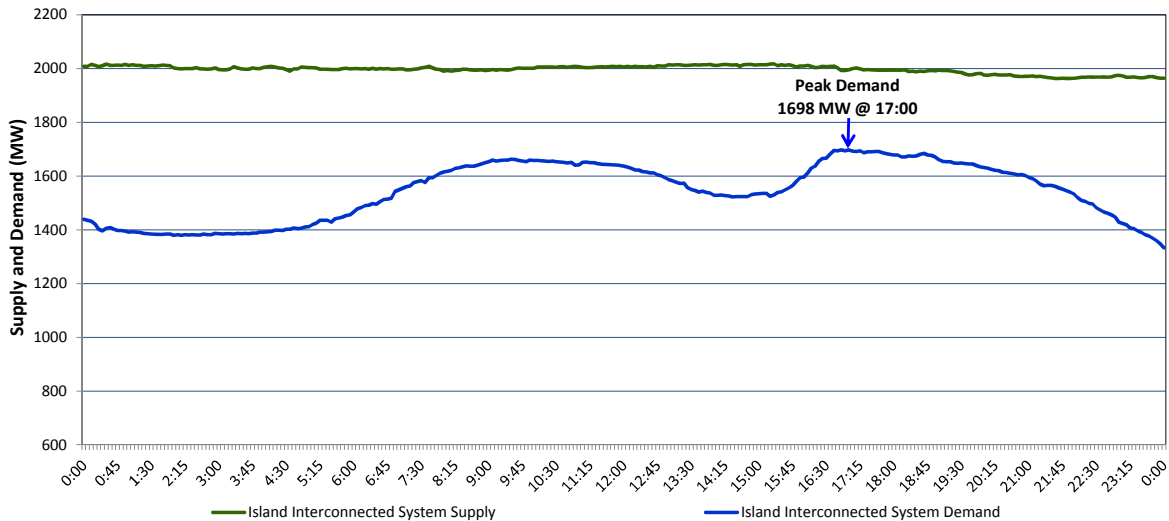


Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Wednesday, December 30, 2015

Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Tuesday, December 29, 2015



Supply Notes For December 29, 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).
- D **At 0946 hours, December 29, 2015, St. Anthony Diesel Unit 546 unavailable (2 MW).**
- E **At 1216 hours, December 29, 2015, St. Anthony Diesel Unit 546 available (2 MW).**

Section 2 Island Interconnected Supply and Demand

Wed, Dec 30, 2015	Island System Outlook ³	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted ⁶
Available Island System Supply: ⁵	1,990 MW	Wednesday, December 30, 2015	-9	-8	1,555	1,457
NLH Generation: ⁴	1,675 MW	Thursday, December 31, 2015	-8	-5	1,500	1,402
NLH Power Purchases:	100 MW	Friday, January 01, 2016	-1	-2	1,420	1,323
Other Island Generation:	215 MW	Saturday, January 02, 2016	-4	-2	1,460	1,363
Current St. John's Temperature:	-10 °C	Sunday, January 03, 2016	-3	-3	1,485	1,388
Current St. John's Windchill:	-18 °C	Monday, January 04, 2016	-5	-8	1,615	1,516
7-Day Island Peak Demand Forecast:	1,615 MW	Tuesday, January 05, 2016	-9	-6	1,570	1,472

Supply Notes For December 30, 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

Tue, Dec 29, 2015	Actual Island Peak Demand ⁷	17:00	1,698 MW
Wed, Dec 30, 2015	Forecast Island Peak Demand		1,555 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).