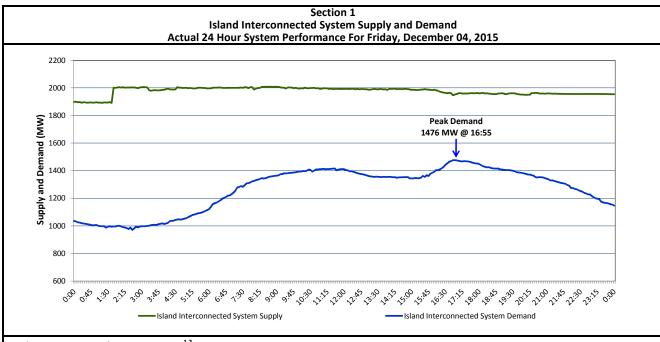
## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, December 07, 2015



## Supply Notes For December 04, 2015

- As of 1200 hours, November 06, 2015, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.
- As of 0927 hours, November 30, 2015, St. Anthony Diesel Unit 546 unavailable (2 MW).
- At 0143 hours, December 04, 2015, Holyrood Unit 1 available. Derated to 155 MW (170 MW).

Section 2 Island Interconnected Supply and Demand									
Sat, Dec 05, 2015 Island System Outlook <sup>3</sup>		Seven-Day Forecast	· .	Temperature (°C)		Island System Daily Peak Demand (MW)			
				Morning	Evening	Forecast	Adjusted <sup>6</sup>		
Available Island System Supply: 5	1,955	MW	Saturday, December 05, 2015	-5	-4	1,435	1,348		
NLH Generation: <sup>4</sup>	1,675	MW	Sunday, December 06, 2015	-6	1	1,345	1,259		
NLH Power Purchases:	90	MW	Monday, December 07, 2015	3	1	1,285	1,200		
Other Island Generation:	190	MW	Tuesday, December 08, 2015	-1	-3	1,345	1,259		
Current St. John's Temperature:	-5	°C	Wednesday, December 09, 2015	-4	-2	1,400	1,314		
Current St. John's Windchill:	-11	°C	Thursday, December 10, 2015	-5	0	1,325	1,240		
7-Day Island Peak Demand Fore	cast: <b>1,435</b>	MW	Friday, December 11, 2015	2	2	1,285	1,200		

## Supply Notes For December 05, 2015

- 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 04, 2015	Actual Island Peak Demand <sup>7</sup>	16:55	1,476 MW			
Sat, Dec 05, 2015	Forecast Island Peak Demand		1,435 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).