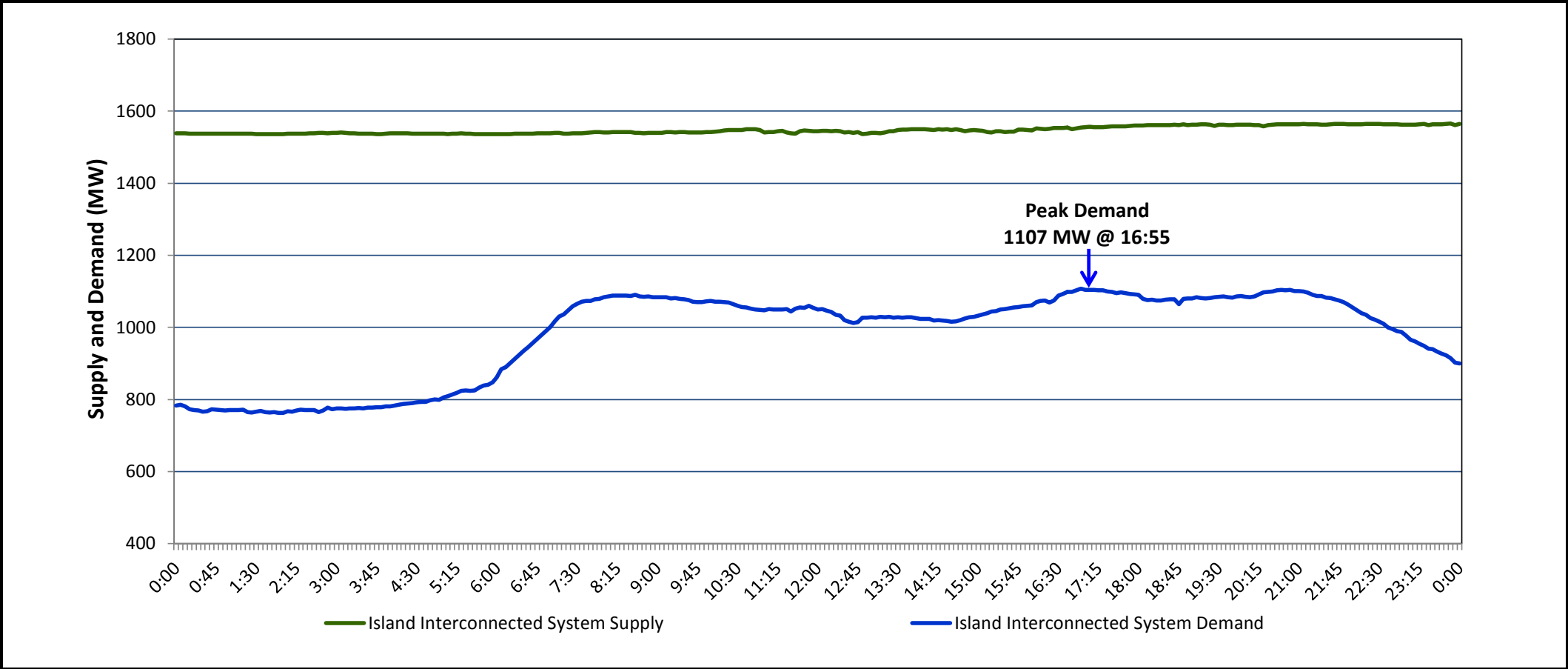


Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, May 06, 2016

Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Thursday, May 05, 2016



Supply Notes For May 05, 2016		1,2
A	As of 1956 hours, January 14, 2016, Nalcor Exploits Grand Falls Unit 7 unavailable. No net impact to the Island Interconnected System.	
B	As of 0732 hours, February 29, 2016, Hardwoods Gas Turbine derated to 38 MW (50 MW). End A 19 MW, End B 25 MW.	
C	As of 1526 hours, March 26, 2016, Stephenville Gas Turbine End A unavailable (25 MW).	
D	As of 1335 hours, April 02, 2016, Holyrood Unit 2 derated to 120 MW (170 MW).	
E	As of 0848 hours, April 03, 2016, Bay d'Espoir Unit 1 unavailable (76.5 MW).	
F	As of 1029 hours, April 15, 2016, Holyrood Unit 3 unavailable (150 MW).	
G	As of 1400 hours, April 24, 2016, Bay d'Espoir Unit 5 unavailable (76.5 MW).	
H	As of 2209 hours, April 30, 2016, Holyrood Unit 1 derated to 120 MW (170 MW).	
I	At 1435 hours, May 05, 2016, St. Anthony Diesel Plant G6 (unit 544) available (2 MW).	
J	At 1543 hours, May 05, 2016, Paradise River Unit available (8 MW).	

Section 2  
Island Interconnected Supply and Demand

Fri, May 06, 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>	1,580 MW	Friday, May 06, 2016	5	12	1,125
NLH Generation: <sup>4</sup>	1,255 MW	Saturday, May 07, 2016	5	5	1,030
NLH Power Purchases: <sup>6</sup>	120 MW	Sunday, May 08, 2016	13	11	830
Other Island Generation:	205 MW	Monday, May 09, 2016	12	5	935
Current St. John's Temperature:	1 °C	Tuesday, May 10, 2016	6	7	1,015
Current St. John's Windchill:	N/A °C	Wednesday, May 11, 2016	5	7	1,005
7-Day Island Peak Demand Forecast:	1,125 MW	Thursday, May 12, 2016	7	7	950

Supply Notes For May 06, 2016		3
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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 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, Vale capacity assistance (when applicable), and Wind Generation.

Section 3  
Island Peak Demand Information  
Previous Day Actual Peak and Current Day Forecast Peak

Thu, May 05, 2016	Actual Island Peak Demand <sup>8</sup>	16:55	1,107 MW
Fri, May 06, 2016	Forecast Island Peak Demand		1,125 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).