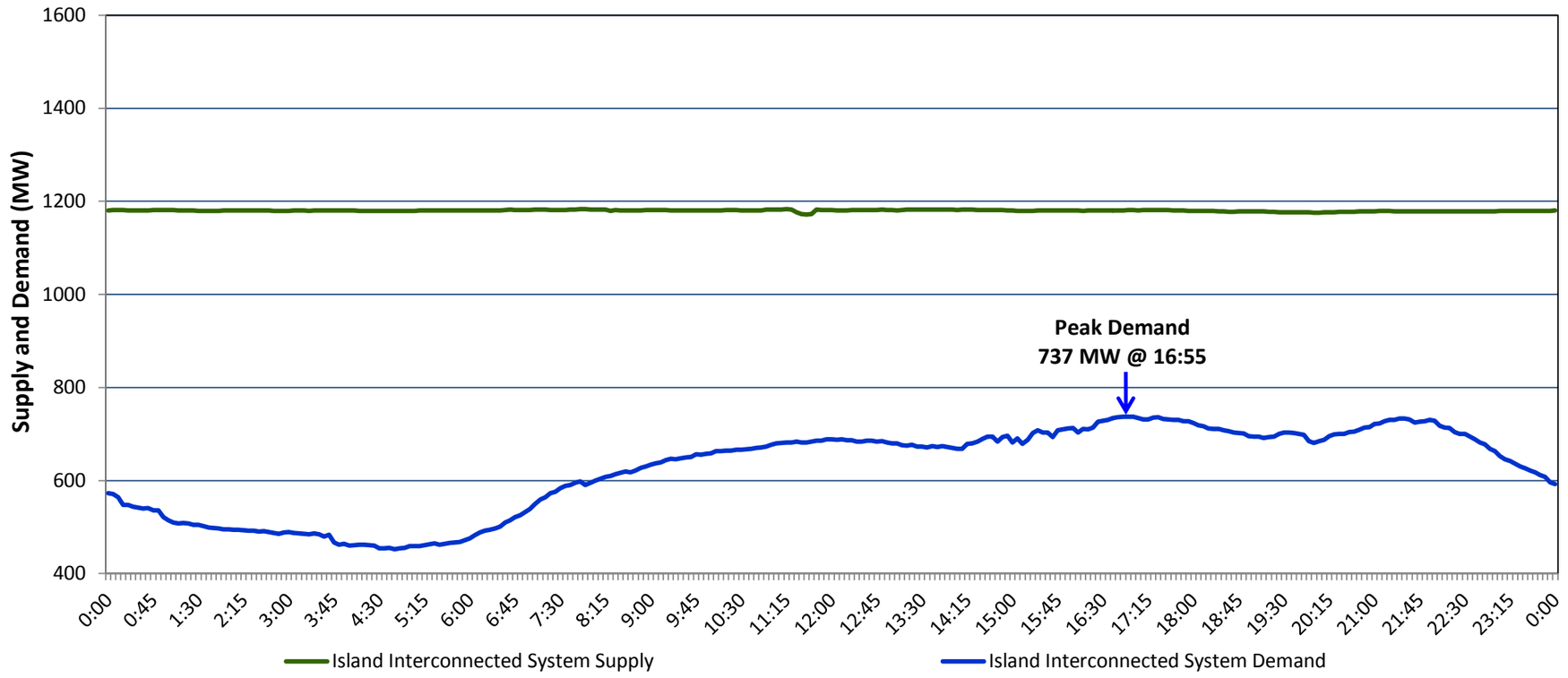
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, July 28, 2016

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Wednesday, July 27, 2016



Supply Notes For July 27, 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 1526 hours, March 26, 2016, Stephenville Gas Turbine End A unavailable (25 MW).
C As of 1029 hours, April 15, 2016, Holyrood Unit 3 unavailable (150 MW).
D As of 0822 hours, June 05, 2016, Bay d'Espoir Unit 3 unavailable (76.5 MW).
E As of 0822 hours, June 05, 2016, Bay d'Espoir Unit 4 unavailable (76.5 MW).
F As of 2008 hours, June 06, 2016, Stephenville Gas Turbine End B unavailable (25 MW).
G As of 1425 hours, June 16, 2016, Holyrood Unit 2 unavailable. Previously derated to 120 MW (170 MW).
H As of 0833 hours, June 30, 2016, Bay d'Espoir Unit 7 unavailable (154.4 MW).
I As of 0846 hours, July 12, 2016, St. Anthony Diesel Plant G6 (unit 544) unavailable (2 MW).
J As of 1316 hours, July 15, 2016, Nalcor Exploits Grand Falls Unit 4 unavailable. Net impact to the Island Interconnected System is 7 MW.
K As of 1610 hours, July 16, 2016, Holyrood Unit 1 derated to 120 MW (170 MW).
L As of 1125 hours, July 18, 2016, Hardwoods Turbine unavailable. Previously derated to 38 MW (50 MW).

Section 2
Island Interconnected Supply and Demand

Thu, Jul 28, 2016	**Island System Outlook**[3]		**Seven-Day Forecast**	**Temperature (°C)**		**Island System Daily Peak Demand (MW)**
				Morning	**Evening**	**Forecast**
Available Island System Supply:[5]	**1,190**	**MW**	Thursday, July 28, 2016	21	21	**780**
NLH Generation:[4]	915	MW	Friday, July 29, 2016	19	20	780
NLH Power Purchases:[6]	95	MW	Saturday, July 30, 2016	20	18	740
Other Island Generation:	180	MW	Sunday, July 31, 2016	15	15	745
Current St. John's Temperature:	19	°C	Monday, August 01, 2016	16	18	785
Current St. John's Windchill:	N/A	°C	Tuesday, August 02, 2016	17	13	775
7-Day Island Peak Demand Forecast:	**785**	MW	Wednesday, August 03, 2016	13	11	775

Supply Notes For July 28, 2016 [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 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

Wed, Jul 27, 2016	Actual Island Peak Demand[8]	16:55	737 MW
Thu, Jul 28, 2016	Forecast Island Peak Demand		780 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).