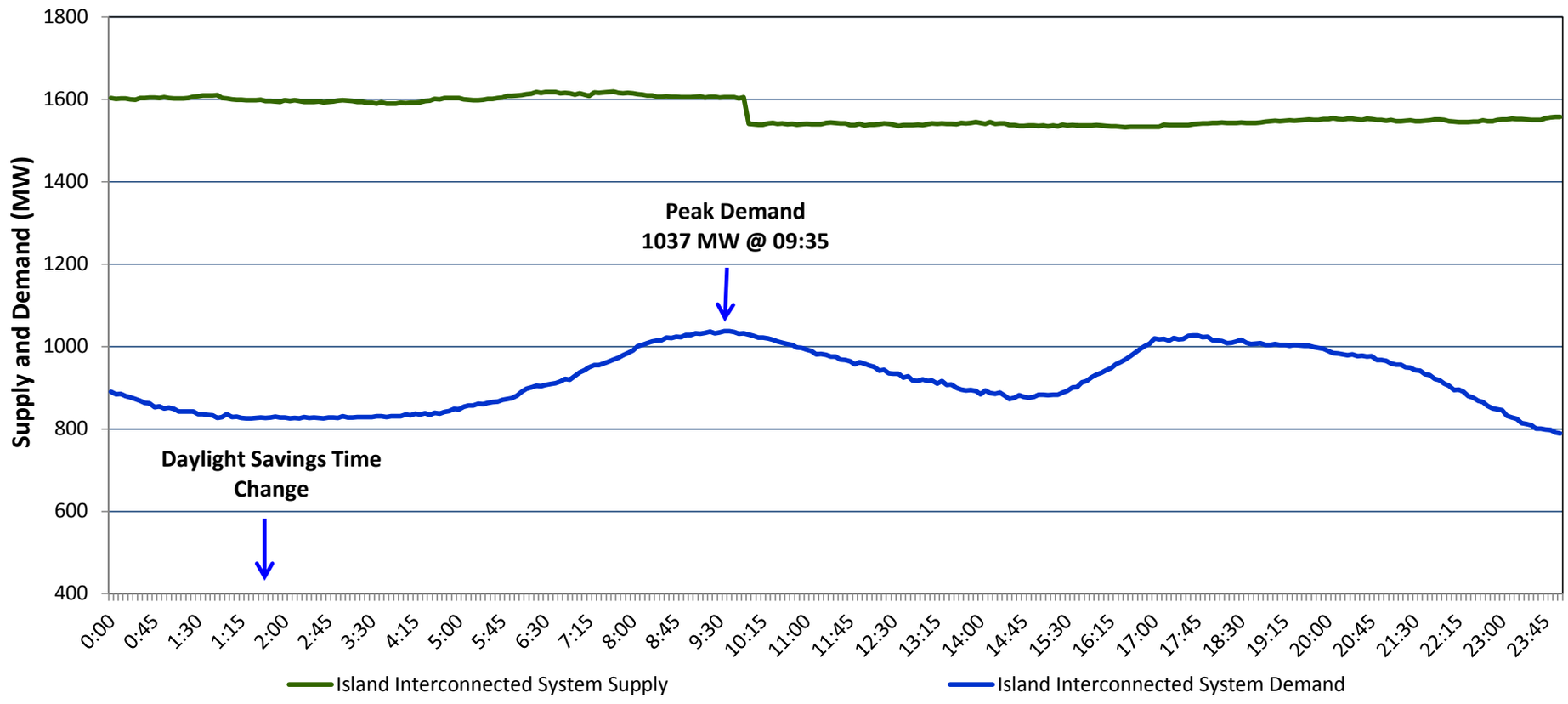
Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Monday, November 02, 2015

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Sunday, November 01, 2015



Supply Notes For November 01, 2015 [1,2]

A	As of 0949 hours, August 01, 2015, Holyrood Unit 1 removed from service for annual maintenance (170 MW).
B	As of 1042 hours, August 31, 2015, Stephenville Gas Turbine unavailable. Previously derated to 30 MW (50 MW).
C	As of 1605 hours, September 27, 2015, Bay d'Espoir Unit 4 unavailable (76.5 MW).
D	As of 1827 hours, October 23, 2015, Hardwoods Gas Turbine derated to 38MW (50MW). End A 20MW, End B 19MW.
E	As of 1650 hours, October 26, 2015, Hinds Lake Unit unavailable (75 MW).
F	As of 1825 hours, October 26, 2015, Nalcor Exploits Grand Falls Units 5-8 unavailable. No net impact to the Island Interconnected System.
G	At 0911 hours, November 01, 2015, Cat Arm Unit 1 unavailable (67 MW).

Section 2
Island Interconnected Supply and Demand

Mon, Nov 02, 2015	**Island System Outlook**[3]		**Seven-Day Forecast**	**Temperature (°C)**		**Island System Daily Peak Demand (MW) Forecast**
				Morning	**Evening**	
Available Island System Supply:[5]	**1,665**	**MW**	Monday, November 02, 2015	8	5	**1,145**
NLH Generation:[4]	1,245	MW	Tuesday, November 03, 2015	4	1	1,220
NLH Power Purchases:	150	MW	Wednesday, November 04, 2015	0	0	1,225
Other Island Generation:	270	MW	Thursday, November 05, 2015	2	0	1,205
Current St. John's Temperature:	8	°C	Friday, November 06, 2015	-1	5	1,235
Current St. John's Windchill:	N/A	°C	Saturday, November 07, 2015	8	5	1,140
7-Day Island Peak Demand Forecast:	**1,235**	MW	Sunday, November 08, 2015	4	3	1,180

Supply Notes For November 02, 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).

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

Sun, Nov 01, 2015	Actual Island Peak Demand[7]	09:35	1,037 MW
Mon, Nov 02, 2015	Forecast Island Peak Demand		1,145 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).