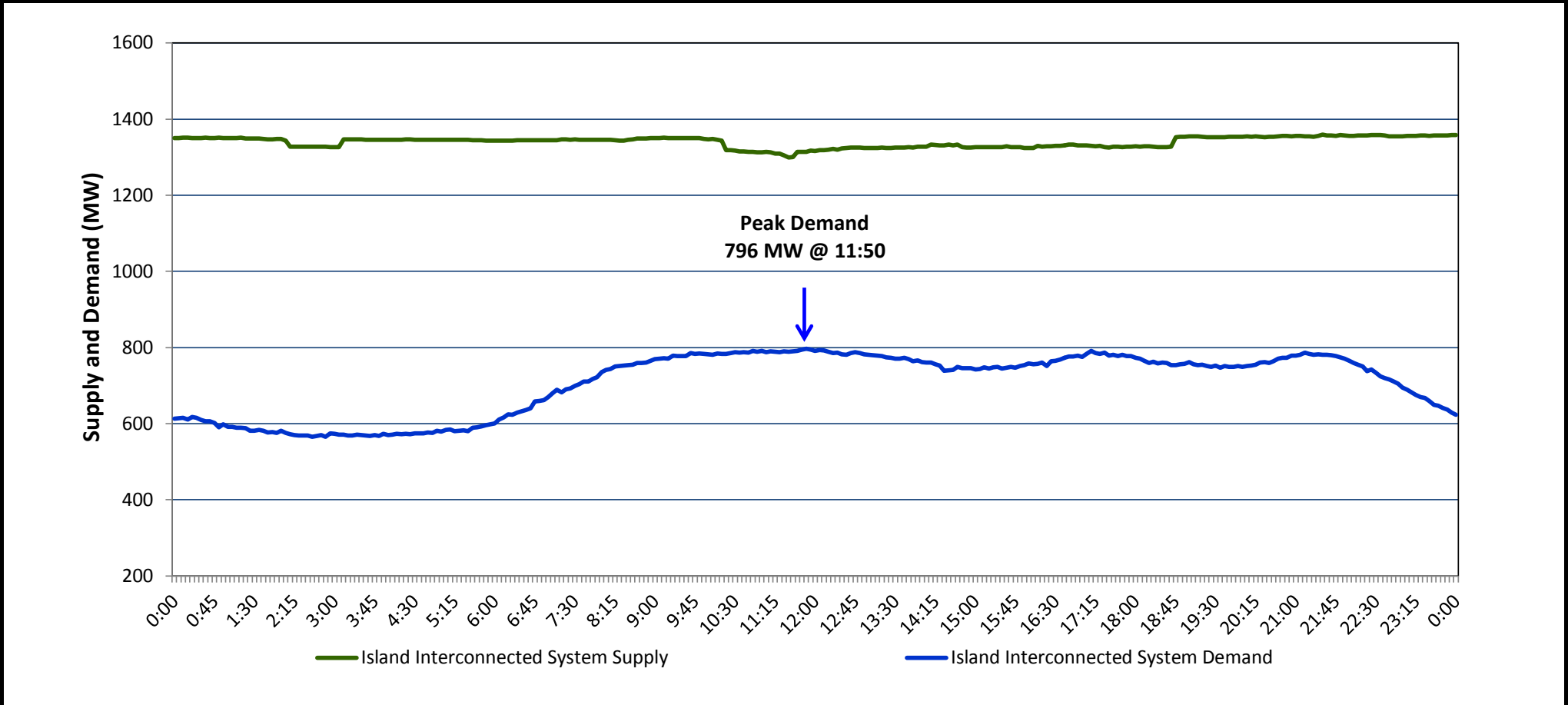


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, July 29, 2015

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Tuesday, July 28, 2015



Supply Notes For July 28, 20151,2		
A	As of 1823 hours, March 01, 2015, Hardwoods Gas Turbine End B unavailable (25 MW).	
B	As of 1333 hours, April 10, 2015, Holyrood Unit 3 removed from service for annual maintenance (150 MW).	
C	As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 5 removed from service for annual maintenance (76.5 MW).	
D	As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 6 removed from service for annual maintenance (76.5 MW).	
E	As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).	
F	As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).	
G	As of 1810 hours, July 08, 2015, Bay d'Espoir Unit 1 de-rated to 45 MW (76.5 MW).	
H	As of 1530 hours, July 19, 2015, Granite Canal removed from service for annual maintenance (40 MW).	
I	At 1018 hours, July 28, 2015, Stephenville Gas Turbine End B unavailable (25 MW).	
J	At 1842 hours, July 28, 2015, Hardwoods Gas Turbine End A available (25 MW).	

Section 2
Island Interconnected Supply and Demand

Wed, Jul 29, 2015 Island System Outlook ³			Temperature (°C)		Island System Daily Peak Demand (MW)
			Morning	Evening	
Available Island System Supply: ⁵	1,370	MW	Wednesday, July 29, 2015		790
NLH Generation: ⁴	1,095	MW	Thursday, July 30, 2015		800
NLH Power Purchases:	80	MW	Friday, July 31, 2015		830
Other Island Generation:	195	MW	Saturday, August 01, 2015		795
Current St. John's Temperature:	10	°C	Sunday, August 02, 2015		760
Current St. John's Windchill:	N/A	°C	Monday, August 03, 2015		810
7-Day Island Peak Demand Forecast:	830	MW	Tuesday, August 04, 2015		815

Supply Notes For July 29, 20153		
K	At 0730 hours, July 29, 2015, Nalcor Grand Falls Units 4,5,6,7,8 unavailable. Net loss to the system is 16 MW.	

- Notes:
- 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.
 - 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.
 - As of 0800 Hours.
 - Gross output including station service at Holyrood (24.5 MW) and improved NLH hydraulic output due to water levels (35 MW).
 - Gross output from all Island sources (including Note 4).

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

Tue, Jul 28, 2015	Actual Island Peak Demand ⁷	11:50	796 MW
Wed, Jul 29, 2015	Forecast Island Peak Demand		790 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).