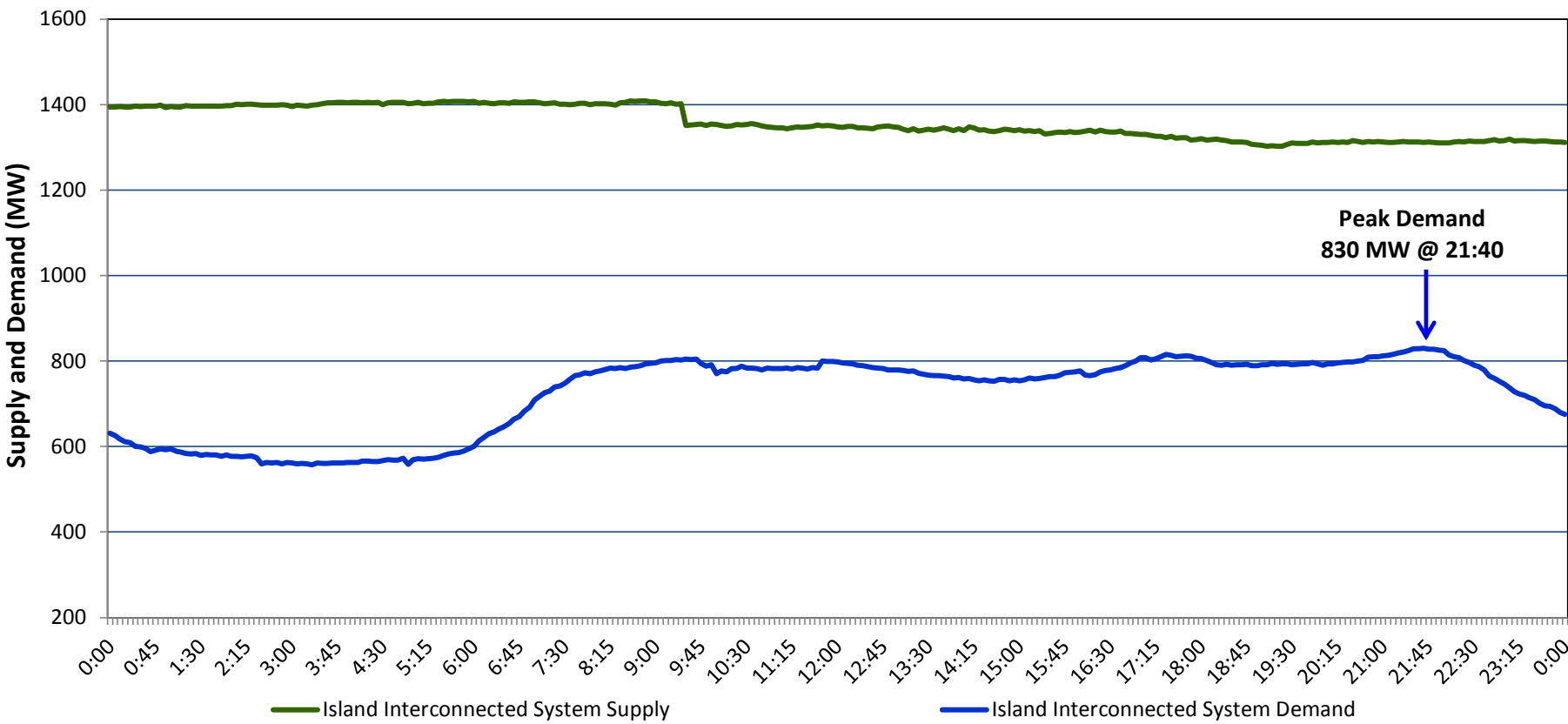


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Wednesday, June 24, 2015

Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Tuesday, June 23, 2015



Supply Notes For June 23, 2015

- 1,2
- 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 0843 hours, April 26, 2015, Bay d'Espoir Unit 1 removed from service for annual maintenance (76.5 MW).
- D

As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 5 removed from service for annual maintenance (76.5 MW).
- E

As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 6 removed from service for annual maintenance (76.5 MW).
- F

As of 0824 hours, May 29, 2015, Hardwoods Gas Turbine End A unavailable (25 MW).
- G

As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).
- H

At 0931 hours, June 23, 2015, Stephenville Gas Turbine unavailable (50 MW).

Section 2
Island Interconnected Supply and Demand

Wed, Jun 24, 2015 Island System Outlook ³			Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)
					Morning	Evening	
Available Island System Supply: ⁵	1,340	MW	Wednesday, June 24, 2015		6	7	885
NLH Generation: ⁴	1,045	MW	Thursday, June 25, 2015		8	7	905
NLH Power Purchases:	95	MW	Friday, June 26, 2015		9	8	850
Other Island Generation:	200	MW	Saturday, June 27, 2015		8	6	855
Current St. John's Temperature:	5	°C	Sunday, June 28, 2015		8	10	780
Current St. John's Windchill:	N/A	°C	Monday, June 29, 2015		15	14	765
7-Day Island Peak Demand Forecast:	905	MW	Tuesday, June 30, 2015		15	17	790

Supply Notes For June 24, 2015

- 3
- I

At 0730 hours, June 24, 2015, Nalcor Grand Falls Unit 5,6,7,8 unavailable (4x4 MW). No net impact to the Island System.

- 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

Tue, Jun 23, 2015	Actual Island Peak Demand ⁷	21:40	830 MW
Wed, Jun 24, 2015	Forecast Island Peak Demand		885 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).