

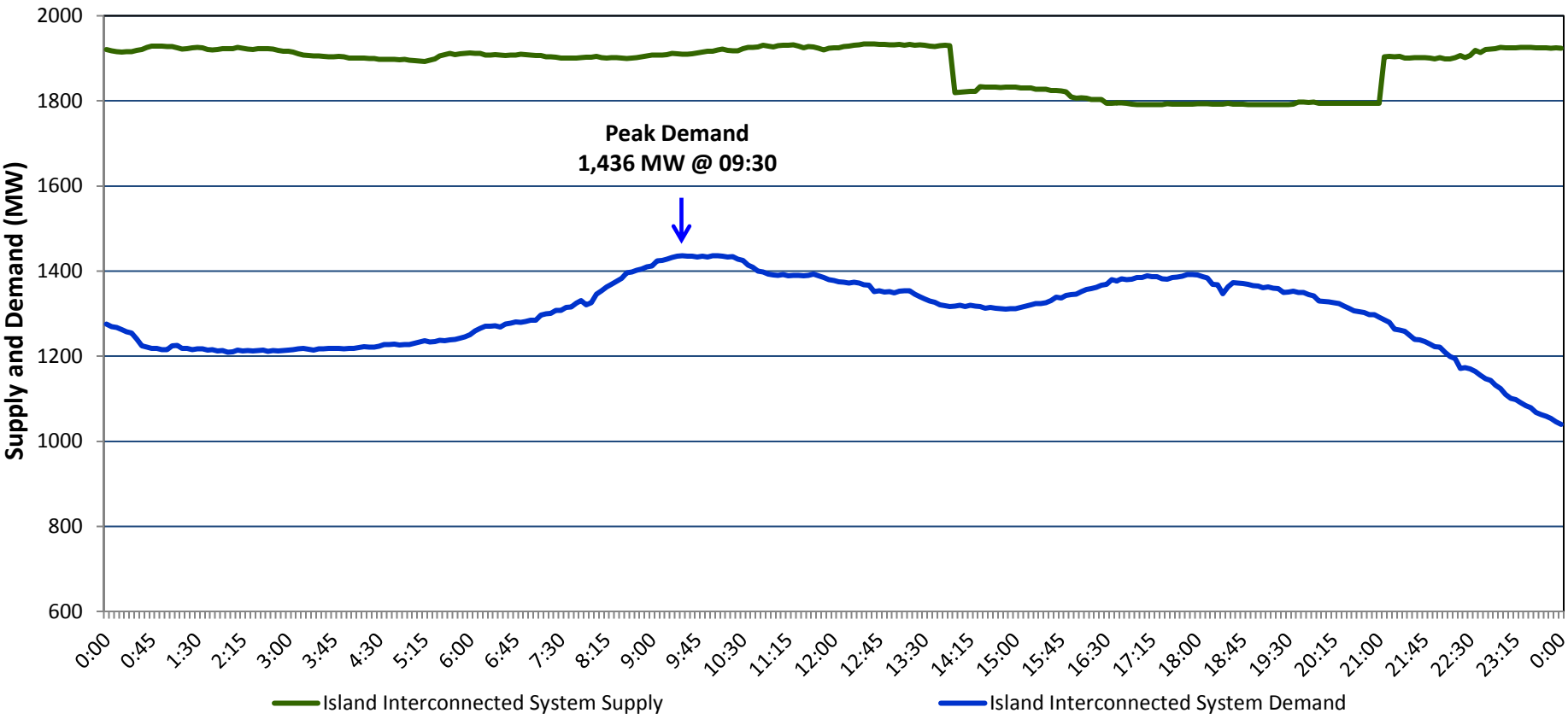
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Monday, February 23, 2015

Section 1

Island Interconnected System Supply and Demand

Actual 24 Hour System Performance For Sunday, February 22, 2015



Supply Notes For February 22, 2015

- A
- At 1358 hours, February 22, 2015, Holyrood Unit 2 derated to 60 MW (170 MW).
- B
- At 2100 hours, February 22, 2015, Holyrood Unit 2 returned to full capability (170 MW).

Section 2

Island Interconnected Supply and Demand

Mon, Feb 23, 2015 Island System Outlook ³			Seven-Day Forecast		Temperature (°C)		Island System Daily Peak Demand (MW)	
					Morning	Evening	Forecast	Adjusted ⁶
Available Island System Supply: ⁵	1,915	MW	Monday, February 23, 2015		2	0	1,330	1,235
NLH Generation: ⁴	1,570	MW	Tuesday, February 24, 2015		-4	-10	1,560	1,460
NLH Power Purchases:	135	MW	Wednesday, February 25, 2015		-11	-4	1,570	1,470
Other Island Generation:	210	MW	Thursday, February 26, 2015		-2	-6	1,510	1,410
Current St. John's Temperature:	2	°C	Friday, February 27, 2015		-8	-7	1,550	1,450
Current St. John's Windchill:	N/A	°C	Saturday, February 28, 2015		-10	-8	1,475	1,380
7-Day Island Peak Demand Forecast:	1,570	MW	Sunday, March 01, 2015		-10	-8	1,535	1,435

Supply Notes For February 23, 2015

- 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).
6.
- Adjusted for CBP&P interruptible load (when applicable) and the impact of voltage reduction.

Section 3

Island Peak Demand Information

Previous Day Actual Peak and Current Day Forecast Peak

Sun, Feb 22, 2015	Actual Island Peak Demand ⁷	09:30	1,436	MW
Mon, Feb 23, 2015	Forecast Island Peak Demand		1,330	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).