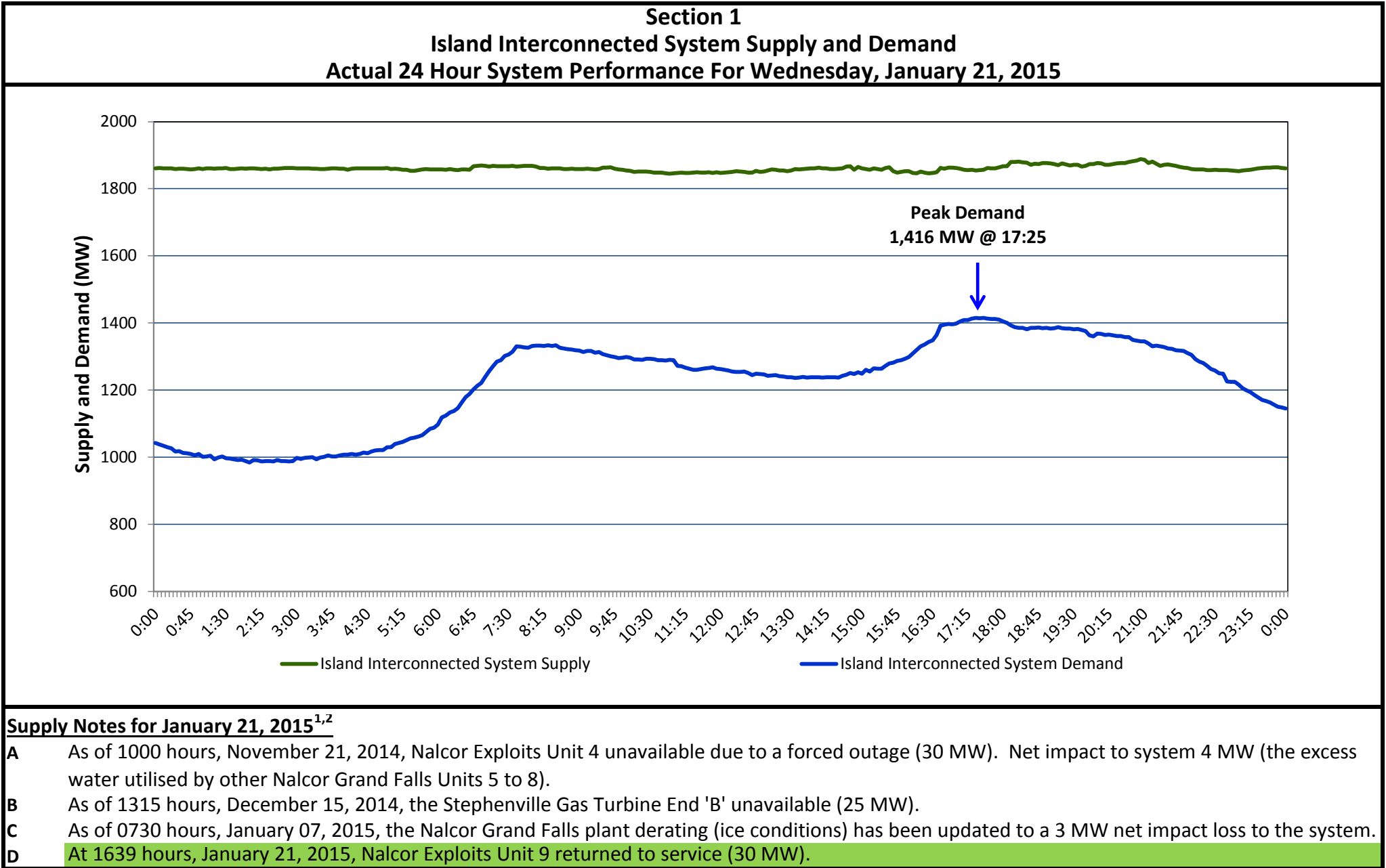


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Thursday, January 22, 2015



Section 2

Island Interconnected Supply and Demand

Thu, Jan 22, 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		1,860 MW	Thursday, January 22, 2015	-5	-4	1,425	1,330
NLH Generation: ⁴		1,545 MW	Friday, January 23, 2015	0	-4	1,475	1,380
NLH Power Purchases:		100 MW	Saturday, January 24, 2015	-7	-6	1,480	1,385
Other Island Generation:		215 MW	Sunday, January 25, 2015	0	1	1,400	1,305
Current St. John's Temperature:		-7 °C	Monday, January 26, 2015	-1	-1	1,395	1,300
Current St. John's Windchill:		-13 °C	Tuesday, January 27, 2015	2	0	1,370	1,275
7-Day Island Peak Demand Forecast:		1,480 MW	Wednesday, January 28, 2015	9	2	1,340	1,245

Supply Notes for January 22, 2015³

E At 0730 hours, January 22, 2015, the Nalcor Grand Falls plant derating (ice conditions) has been removed. 3 MW net impact gain to the system.

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).
- 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

Wed, Jan 21, 2015	Actual Island Peak Demand ⁷	17:25	1,416 MW
Thu, Jan 22, 2015	Forecast Island Peak Demand		1,425 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).