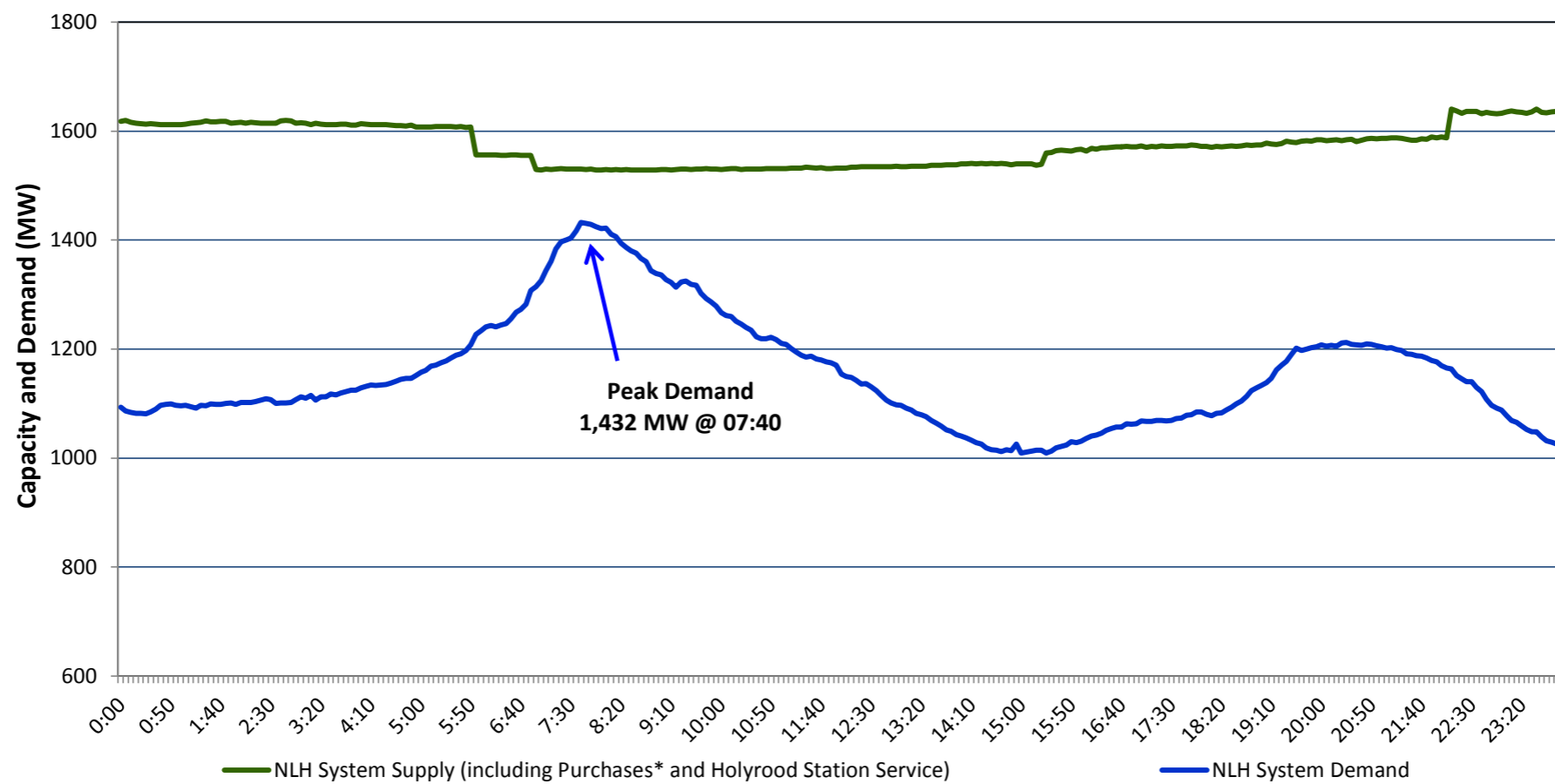


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed March 12, 2014**

**Section 1  
NLH System Island Interconnected Supply and Demand  
Actual 24 Hour System Performance For March 11, 2014**



**Supply Notes for March 11, 2014**

- As of 0422 hours, Feb. 17, 2014, Bay d'Espoir Unit 6 (75 MW) unavailable for service.
- As of 0440 hours, Mar. 11 Holyrood Unit 1 (170 MW) derated to 100 MW due to an alarm on a Forced Draft Fan. Hydro investigated and returned the Unit to 140MW at 2200 hours as per previous derating.
- Hardwoods Unit End A tripped at 0637 hours, Mar. 11. Hardwoods derated to 25 MW from 50 MW. Hydro is investigated and returned End A to service at 1515 hours. The unit is available at full capability (50 MW).

**Section 2  
NLH System Island Interconnected Supply and Demand**

March 12, 2014 NLH System Outlook <sup>3</sup>	Five-Day Forecast	Temperature (°C)		NLH System Demand (MW)	
		Morning	Evening	Morning	Evening
Available NLH System Supply: <sup>4</sup> 1,600 MW	Wednesday, March 12, 2014	-5	-1	1,250	1,125
Current St. John's Temperature: -3 °C	Thursday, March 13, 2014	-2	3	1,200	1,000
Current St. John's Windchill: -10 °C	Friday, March 14, 2014	2	-5	1,200	1,275
NLH System Peak Demand Forecast: 1,250 MW	Saturday, March 15, 2014	-12	-7	1,250	1,200
	Sunday, March 16, 2014	-8	-1	1,100	1,100

**Supply Notes for March 12, 2014<sup>3</sup>**

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- 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 hydraulic output due to water levels (35 MW). Includes Nalcor Exploits, Star Lake, Rattle Brook, CBPP Co-Gen, and CBPP Curtailable Load (60 MW). Excludes wind generation.

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

March 11, 2014	Actual NLH System Island Interconnected Peak Demand <sup>1</sup>	7:40	1,432 MW
March 12, 2014	Forecast NLH System Island Interconnected Peak Demand		1,250 MW
March 11, 2014	Actual Total Island Peak Demand <sup>2</sup>	7:30	1,580 MW
March 12, 2014	Forecast Total Island Peak Demand		1,575 MW

- Notes: 1. NLH System Island Interconnected is supplied by generation owned by NLH as well as NLH Power Purchases as detailed in Section 1 above.  
2. Total Island System Demand is supplied by NLH generation and NLH Power Purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper to meet their respective supply needs.