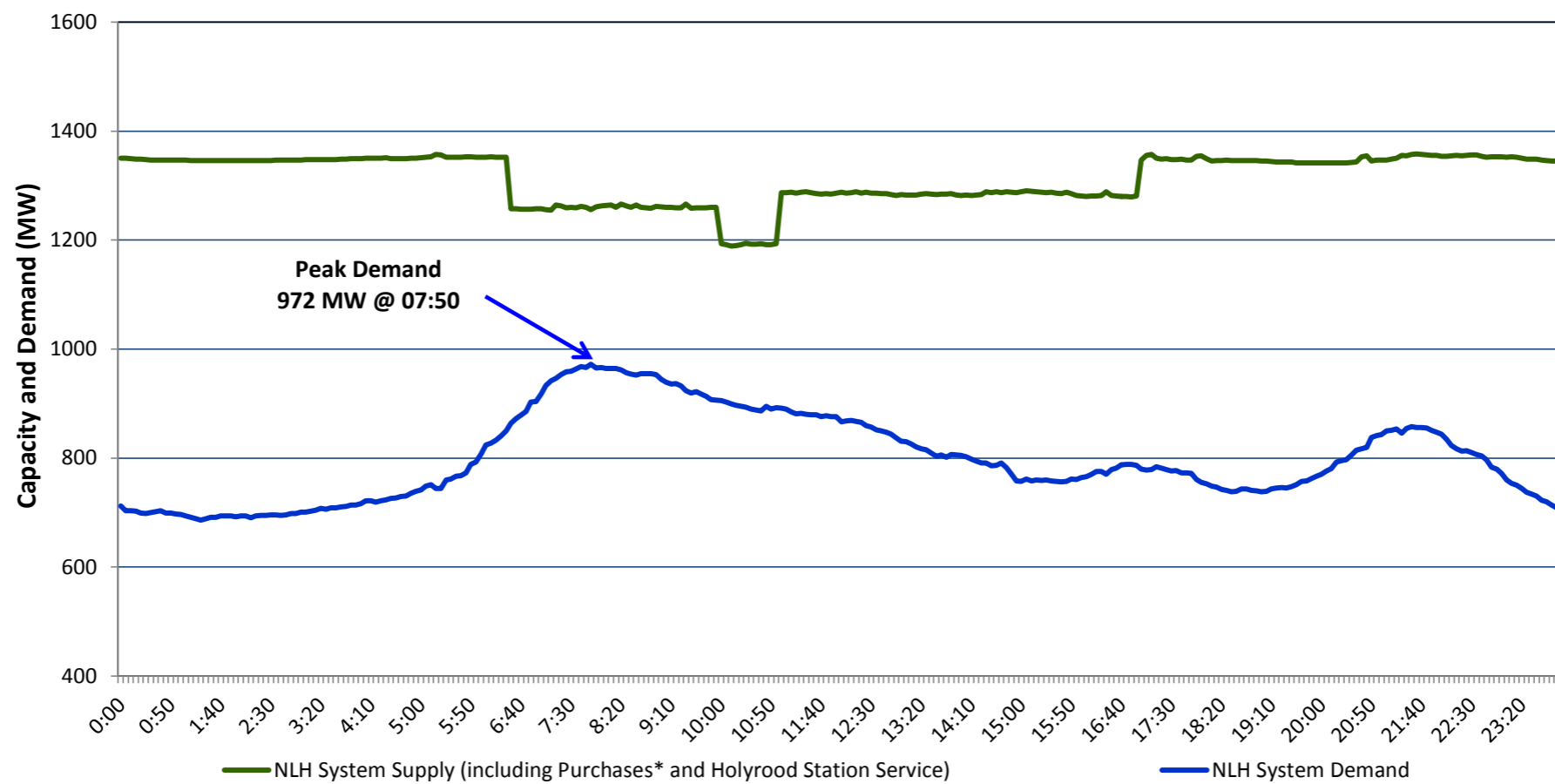


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed May 15, 2014**

**Section 1  
NLH System Island Interconnected Supply and Demand  
Actual 24 Hour System Performance For May 14, 2014**



**Supply Notes for May 14, 2014**

- As of 0422 hours, Feb. 17, 2014, Bay d'Espoir Unit 6 (77 MW) unavailable for service.
- As of 1717 hours, April 10, 2014, Holyrood Unit 3 removed from service for annual maintenance (150 MW).
- As of 1642 hours, May 13, 2014, Bay d'Espoir Unit 1 removed from service for annual maintenance (76.5 MW).
- At 0625 hours, May 14, 2014, Holyrood Unit 2 derated to 70 MW (from 165 MW). Unit returned to full capability at 1100 hours.
- At 0957 hours, May 14, 2014, Cat Arm Unit 1 removed from service for maintenance (67 MW). Unit returned to service at 1659 hours.

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

May 15, 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>	1,335 MW	Thursday, May 15, 2014	-3	8	975	800
Current St. John's Temperature:	-1 °C	Friday, May 16, 2014	2	13	875	700
Current St. John's Windchill:	-3 °C	Saturday, May 17, 2014	10	12	725	675
NLH System Peak Demand Forecast:	975 MW	Sunday, May 18, 2014	6	9	750	725
		Monday, May 19, 2014	8	5	750	800

**Supply Notes for May 15, 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. Excludes wind generation and DLP Secondary.

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

May 14, 2014	Actual NLH System Island Interconnected Peak Demand <sup>1</sup>	07:50	972 MW
May 15, 2014	Forecast NLH System Island Interconnected Peak Demand		975 MW
May 14, 2014	Actual Total Island Peak Demand <sup>2</sup>	08:20	1,133 MW
May 15, 2014	Forecast Total Island Peak Demand		1,125 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.