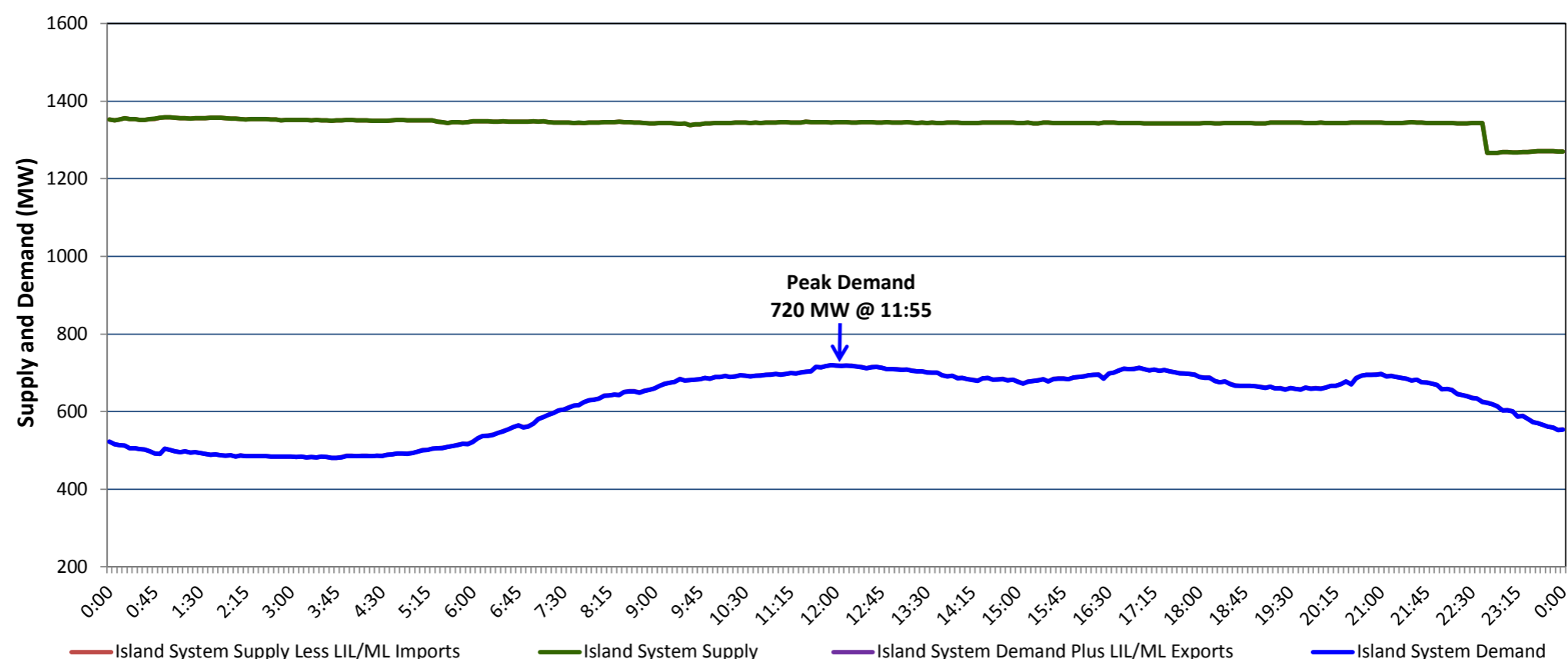


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Tuesday, August 21, 2018**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Monday, August 20, 2018**



**Supply Notes For August 20, 2018**

- 1,2
- A As of 1438 hours, May 22, 2018, Holyrood Unit 2 unavailable due to planned outage 70 MW (170 MW).
  - B As of 0801 hours, July 19, 2018, Holyrood Unit 3 removed from service for economic dispatch 110 MW (150 MW).
  - C As of 1000 hours, July 27, 2018, Holyrood Unit 1 unavailable due to planned outage 88 MW (170 MW).
  - D As of 0823 hours, August 06, 2018, Cat Arm unit 1 unavailable due to planned outage 50 MW (67 MW).
  - E As of 1000 hours, August 06, 2018, Cat Arm unit 2 unavailable due to planned outage (67 MW).
  - F As of 1609 hours, August 07, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
  - G **At 2245 hours, August 20, 2018, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).**

**Section 2  
Island Interconnected Supply and Demand**

Tue, Aug 21, 2018	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
			Morning	Evening	Forecast	Adjusted <sup>7</sup>
Available Island System Supply: <sup>5</sup>	1,260 MW	Tuesday, August 21, 2018	13	15	775	775
NLH Island Generation: <sup>4</sup>	965 MW	Wednesday, August 22, 2018	18	20	790	790
NLH Island Power Purchases: <sup>6</sup>	95 MW	Thursday, August 23, 2018	17	21	805	805
Other Island Generation:	200 MW	Friday, August 24, 2018	20	19	800	800
ML/LIL Imports:	- MW	Saturday, August 25, 2018	17	13	785	785
Current St. John's Temperature & Windchill: 12 °C	N/A °C	Sunday, August 26, 2018	16	18	765	765
7-Day Island Peak Demand Forecast:	805 MW	Monday, August 27, 2018	19	19	800	800

**Supply Notes For August 21, 2018**

- 3
- 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 System having no synchronous connections to 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 under frequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Under frequency 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. NLH Island Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation, Vale capacity assistance (when applicable).
  7. Adjusted for CBPP, Vale and Praxair interruptible load, Maritime Link and Labrador-Island Link exports and the impact of voltage reduction, when applicable.

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

Mon, Aug 20, 2018	Actual Island Peak Demand <sup>8</sup>	11:55	720 MW
Tue, Aug 21, 2018	Forecast Island Peak Demand		775 MW

Notes: 8. Island Demand / LIL / ML Exports (where applicable) is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).