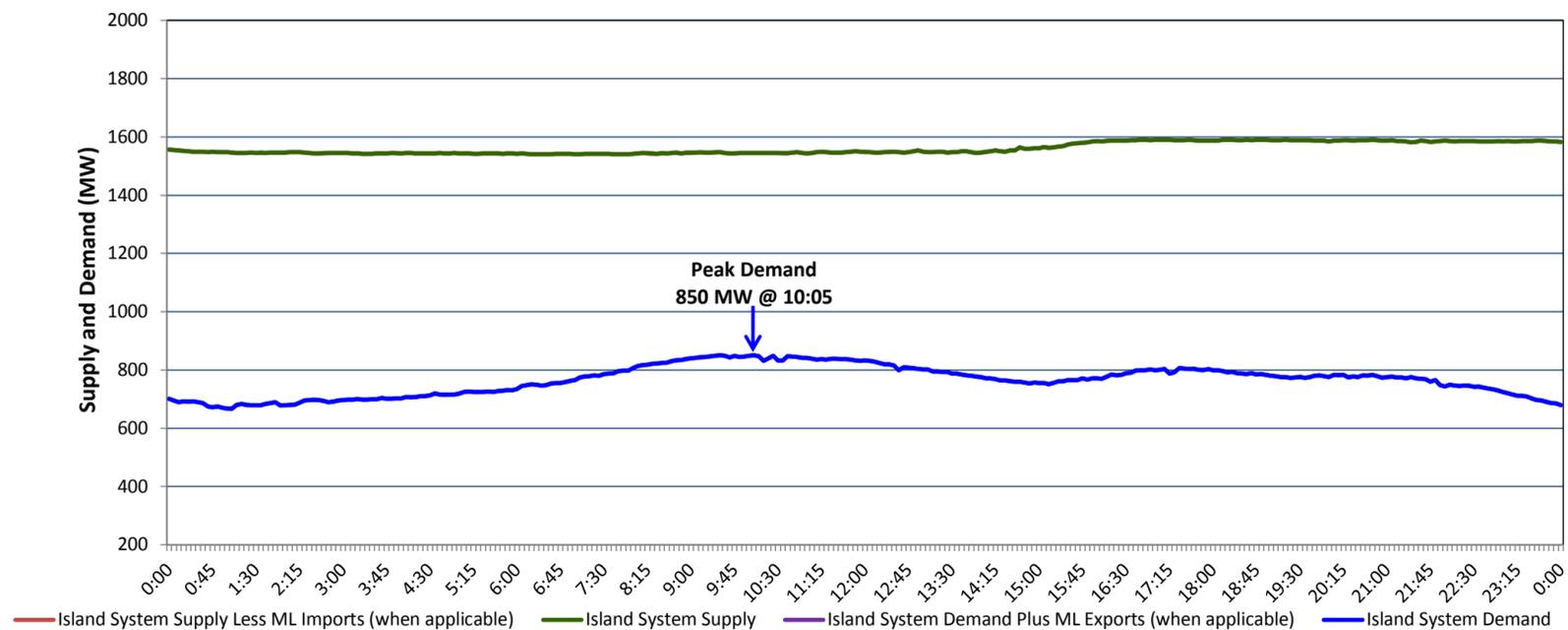


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, April 30, 2018**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Saturday, April 28, 2018**



**Supply Notes For April 28, 2018**

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- A As of 2115 hours, January 04, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- B As of 0801 hours, April 02, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).
- C As of 1300 hours, April 05, 2018, Hawkes Bay Diesel Plant unavailable (5 MW).
- D As of 0836 hours, April 12, 2018, Holyrood Unit 1 available at 126 MW (170 MW).
- E As of 1050 hours, April 17, 2018, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- F As of 0938 hours, April 26, 2018, Holyrood Unit 2 removed from service for economic dispatch 70 MW (170 MW).

**Section 2**

**Island Interconnected Supply and Demand**

Sun, Apr 29, 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>	1,590	MW	Sunday, April 29, 2018	13	12	875	795
NLH Generation: <sup>4</sup>	1,220	MW	Monday, April 30, 2018	4	2	1,035	955
NLH Power Purchases: <sup>6</sup>	155	MW	Tuesday, May 01, 2018	3	8	1,080	1,080
Maritime Link Imports:	-	MW	Wednesday, May 02, 2018	8	7	950	950
Other Island Generation:	215	MW	Thursday, May 03, 2018	4	3	1,105	1,105
Current St. John's Temperature & Windchill:	16 °C	N/A	Friday, May 04, 2018	8	3	1,065	1,065
7-Day Island Peak Demand Forecast:	1,135	MW	Saturday, May 05, 2018	2	10	1,135	1,135

**Supply Notes For April 29, 2018**

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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 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 Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation, Vale capacity assistance (when applicable).
  7. Adjusted for CBP&P and Maritime Link Exports.

**Section 3**

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

Sat, Apr 28, 2018	Actual Island Peak Demand <sup>8</sup>	10:05	850 MW
Sun, Apr 29, 2018	Forecast Island Peak Demand		875 MW

Notes: 8. Island Demand / 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).