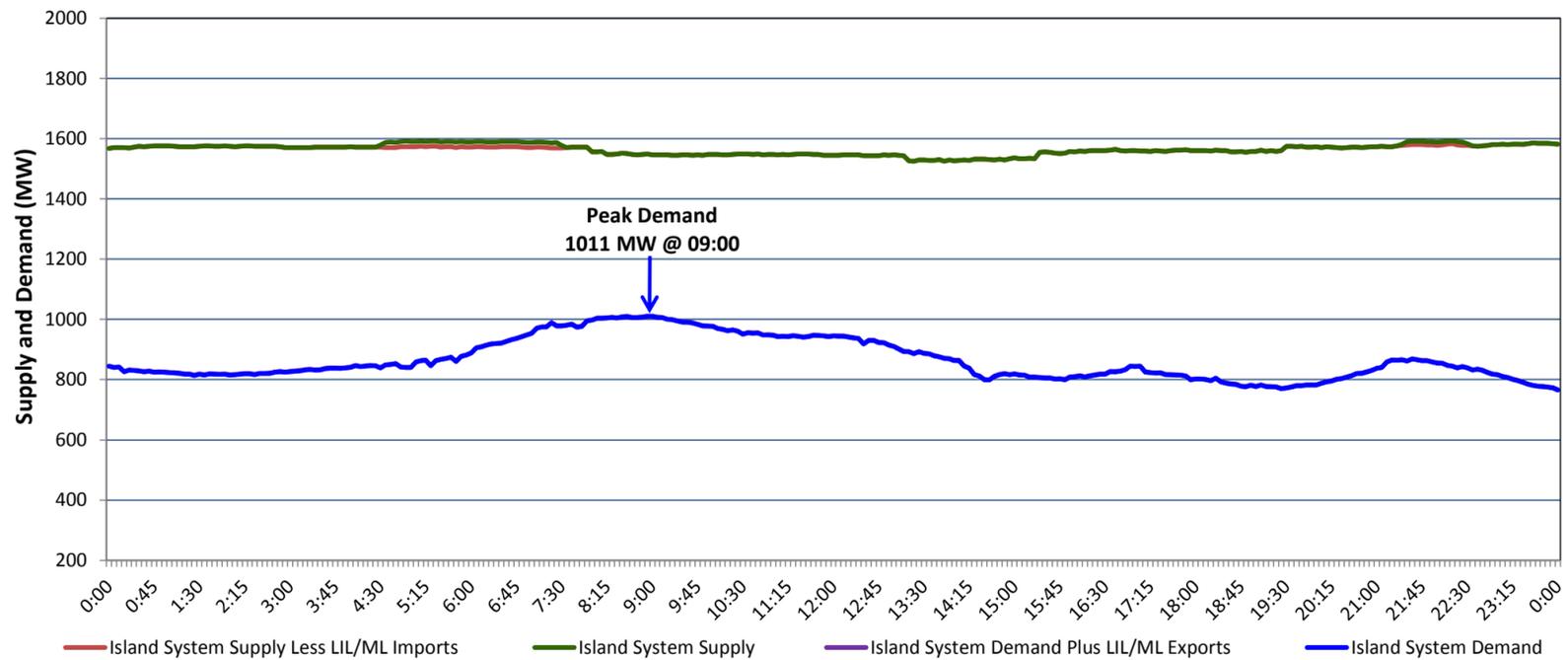


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, May 21, 2020**

**Section 1
Island Interconnected System Supply, Demand & Exports
Actual 24 Hour System Performance For Wednesday, May 20, 2020**



Supply Notes For May 20, 2020

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- A As of 1245 hours, April 24, 2020, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- B As of 1009 hours, May 01, 2020, Holyrood Unit 1 available but not operating (170 MW).
- C As of 1200 hours, May 03, 2020, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
- D As of 1421 hours, May 19, 2020, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).

**Section 2
Island Interconnected Supply and Demand**

Thu, May 21, 2020	Island System Outlook ³		Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)	
				Morning	Evening	Forecast	Adjusted ⁷
Available Island System Supply: ⁵	1,550	MW	Thursday, May 21, 2020	7	10	905	905
NLH Island Generation: ⁴	1,195	MW	Friday, May 22, 2020	10	5	900	900
NLH Island Power Purchases: ⁶	135	MW	Saturday, May 23, 2020	3	4	1,015	1,015
Other Island Generation:	220	MW	Sunday, May 24, 2020	5	6	935	935
ML/LIL Imports:	-	MW	Monday, May 25, 2020	6	8	905	905
Current St. John's Temperature & Windchill: 6 °C	N/A	°C	Tuesday, May 26, 2020	12	12	835	835
7-Day Island Peak Demand Forecast:	1,015	MW	Wednesday, May 27, 2020	14	14	840	840

Supply Notes For May 21, 2020

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- E At 0750 hours, May 21, 2020, Hardwoods Gas Turbine available at 25 MW (50 MW).

- 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 there may be a requirement for some customer's load to 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 (UFLS), is necessary to ensure the integrity and reliability of system equipment. Under frequency events have typically occurred 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes. With the activation of the Maritime Link frequency controller during the winter of 2018, UFLS events have occurred less frequently.
 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 and capacity assistance (when applicable).
 7. Adjusted for curtailable load, market activities and the impact of voltage reduction when applicable.

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

Wed, May 20, 2020	Actual Island Peak Demand ⁸	09:00	1,011 MW
Thu, May 21, 2020	Forecast Island Peak Demand		905 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).