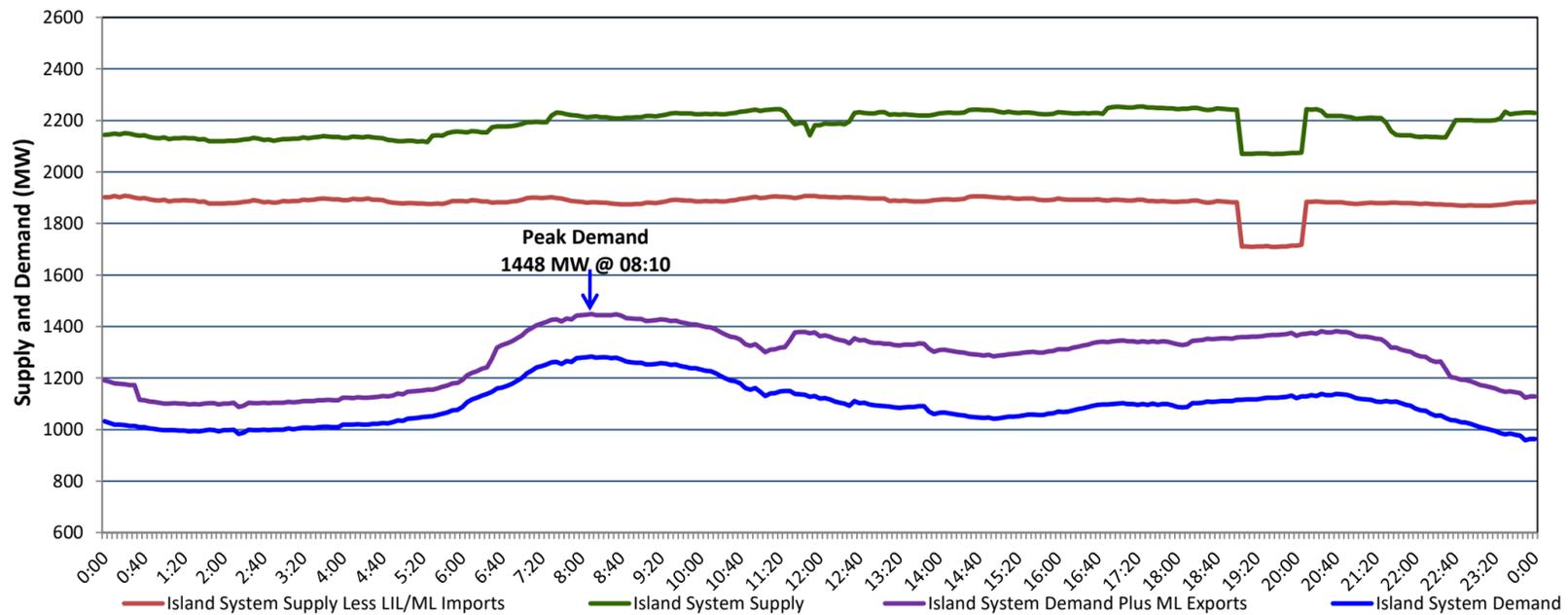


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Wednesday, April 05, 2023**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Tuesday, April 04, 2023**



**Supply Notes For April 04, 2023**

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- A As of 0701 hours, March 06, 2023, Upper Salmon Unit unavailable due to planned outage (84 MW).
- B As of 1428 hour, March 26, 2023, Paradise River Unit unavailable due to planned outage (8 MW).
- C As of 2005 hours, April 02, 2023, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
- D At 1301 hours, April 04, 2023, St. Anthony Diesel Plant unavailable due to planned outage (9.7MW).
- E At 1427 hours, April 04, 2023, St. Anthony Diesel Plant available (9.7MW).
- F At 1901 hours, April 04, 2023, Holyrood Unit 2 unavailable due to planned outage (170 MW).
- G At 2006 hours, April 04, 2023, Holyrood Unit 2 available (170 MW).

**Section 2  
Island Interconnected Supply and Demand**

Wed, Apr 05, 2023	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>	2,291 MW	Wednesday, April 5, 2023	1	-4	1,485	1,388
NLH Island Generation: <sup>4,8</sup>	1,525 MW	Thursday, April 6, 2023	-6	-1	1,335	1,240
NLH Island Power Purchases: <sup>6</sup>	145 MW	Friday, April 7, 2023	2	2	1,120	1,027
Other Island Generation:	210 MW	Saturday, April 8, 2023	-2	-1	1,200	1,106
ML/LIL Imports:	411 MW	Sunday, April 9, 2023	-3	-3	1,255	1,160
Current St. John's Temperature & Windchill:	0 °C N/A °C	Monday, April 10, 2023	-4	-2	1,310	1,215
7-Day Island Peak Demand Forecast:	1,485 MW	Tuesday, April 11, 2023	1	2	1,220	1,126

**Supply Notes For April 05, 2023**

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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 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.
  8. Due to limitations inherent in the design of combustion turbines, the output of combustion turbines may be reduced in the event that ambient temperatures exceed the threshold

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

Tue, Apr 04, 2023	Actual Island Peak Demand <sup>9</sup>	8:10	1,448 MW
Wed, Apr 05, 2023	Forecast Island Peak Demand		1,485 MW

Notes: 9. 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).