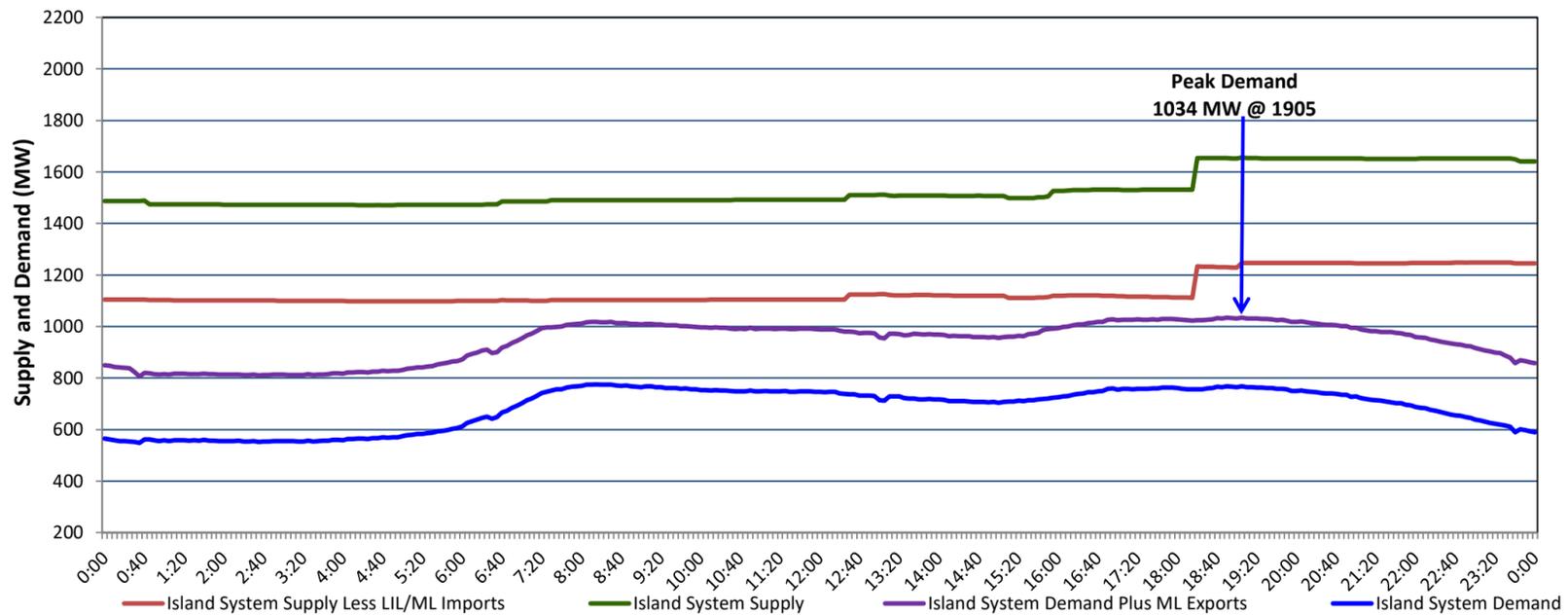


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, October 13, 2023**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Thursday, October 12, 2023**



**Supply Notes For October 12, 2023**

- A As of 0701 hours, March 06, 2023, Upper Salmon Unit unavailable (84 MW).
- B As of 0800 hours, May 21, 2023, Holyrood Unit 2 unavailable due to planned outage (170 MW).
- C As of 2059 hours, July 13, 2023, Stephenville Gas Turbine unavailable (50 MW).
- D As of 1403 hours, September 20, 2023, St. Anthony Diesel Plant available at 7.7 MW (9.7 MW).
- E As of 2219 hours, September 23, 2023, Holyrood Unit 3 available but not operating (150 MW).
- F As of 0858 hours, October 08, 2023, Bay d'Espoir Unit 1 unavailable due to planned outage (76.5 MW).
- G As of 0757 hours, October 11, 2023, Bay d'Espoir Unit 7 unavailable due to planned outage (154.4 MW).
- H **At 1813 hours, October 12, 2023, Holyrood Unit 1 available at 122 MW (170 MW).**

**Section 2  
Island Interconnected Supply and Demand**

| Fri, Oct 13, 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> | 1,684 MW                           | Friday, October 13, 2023    | 11               | 11      | 1,075                                | 1,075                 |
| NLH Island Generation: <sup>4,8</sup>        | 960 MW                             | Saturday, October 14, 2023  | 12               | 9       | 750                                  | 750                   |
| NLH Island Power Purchases: <sup>6</sup>     | 85 MW                              | Sunday, October 15, 2023    | 10               | 11      | 795                                  | 795                   |
| Other Island Generation:                     | 220 MW                             | Monday, October 16, 2023    | 10               | 7       | 915                                  | 915                   |
| ML/LIL Imports:                              | 419 MW                             | Tuesday, October 17, 2023   | 4                | 3       | 985                                  | 985                   |
| Current St. John's Temperature & Windchill:  | 11 °C                              | Wednesday, October 18, 2023 | 5                | 5       | 985                                  | 985                   |
| 7-Day Island Peak Demand Forecast:           | 1,075 MW                           | Thursday, October 19, 2023  | 6                | 6       | 965                                  | 965                   |

**Supply Notes For October 13, 2023**

- 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**

|                   |  |       |          |
|-------------------|--|-------|----------|
| Thu, Oct 12, 2023 | Actual Island Peak Demand <sup>9</sup> | 19:05 | 1,034 MW |
| Fri, Oct 13, 2023 | Forecast Island Peak Demand            |       | 1,075 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).