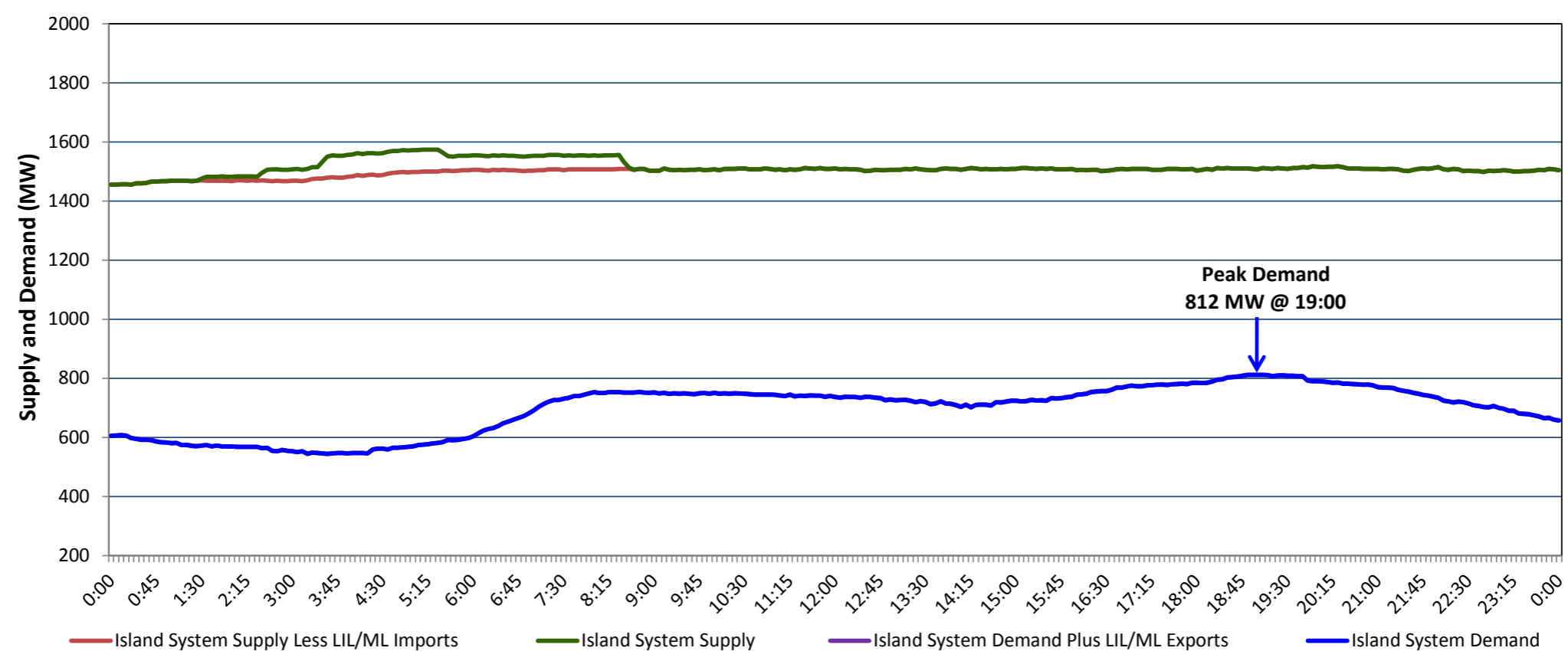


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, October 23, 2020**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Thursday, October 22, 2020**



**Supply Notes For October 22, 2020**

- 1,2
- A As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
  - B As of 0734 hours, September 27, 2020, Hinds Lake Unit unavailable due to planned outage (75 MW).
  - C As of 0648 hours, October 05, 2020, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
  - D As of 0850 hours, October 16, 2020, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
  - E As of 1830 hours, October 16, 2020, Holyrood Unit 2 available but not operating (170 MW).
  - F As of 0900 hours, October 21, 2020, Hawkes Bay Diesel Plant unavailable due to planned outage (5 MW).
  - G **At 0843 hours, October 22, 2020, St. Anthony Diesel Plant available at 8.85 MW (9.7 MW).**
  - H **At 1559 hours, October 22, 2020, St. Anthony Diesel Plant available at full capacity (9.7 MW).**

**Section 2  
Island Interconnected Supply and Demand**

| Fri, Oct 23, 2020                            | 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> | 1,480 MW                           | Friday, October 23, 2020    | 5                | 4       | 945                                  | 945                   |
| NLH Island Generation: <sup>4</sup>          | 1,140 MW                           | Saturday, October 24, 2020  | 5                | 9       | 930                                  | 930                   |
| NLH Island Power Purchases: <sup>6</sup>     | 105 MW                             | Sunday, October 25, 2020    | 11               | 5       | 950                                  | 950                   |
| Other Island Generation:                     | 235 MW                             | Monday, October 26, 2020    | 0                | 2       | 1,165                                | 1,165                 |
| ML/LIL Imports:                              | - MW                               | Tuesday, October 27, 2020   | 3                | 10      | 1,060                                | 1,060                 |
| Current St. John's Temperature & Windchill:  | 4 °C                               | Wednesday, October 28, 2020 | 3                | 2       | 1,055                                | 1,055                 |
| 7-Day Island Peak Demand Forecast:           | 1,165 MW                           | Thursday, October 29, 2020  | 1                | 1       | 1,135                                | 1,135                 |

**Supply Notes For October 23, 2020**

- 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 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**

|                   |  |       |        |
|-------------------|--|-------|--------|
| Thu, Oct 22, 2020 | Actual Island Peak Demand <sup>8</sup> | 19:00 | 812 MW |
| Fri, Oct 23, 2020 | Forecast Island Peak Demand            |       | 945 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).