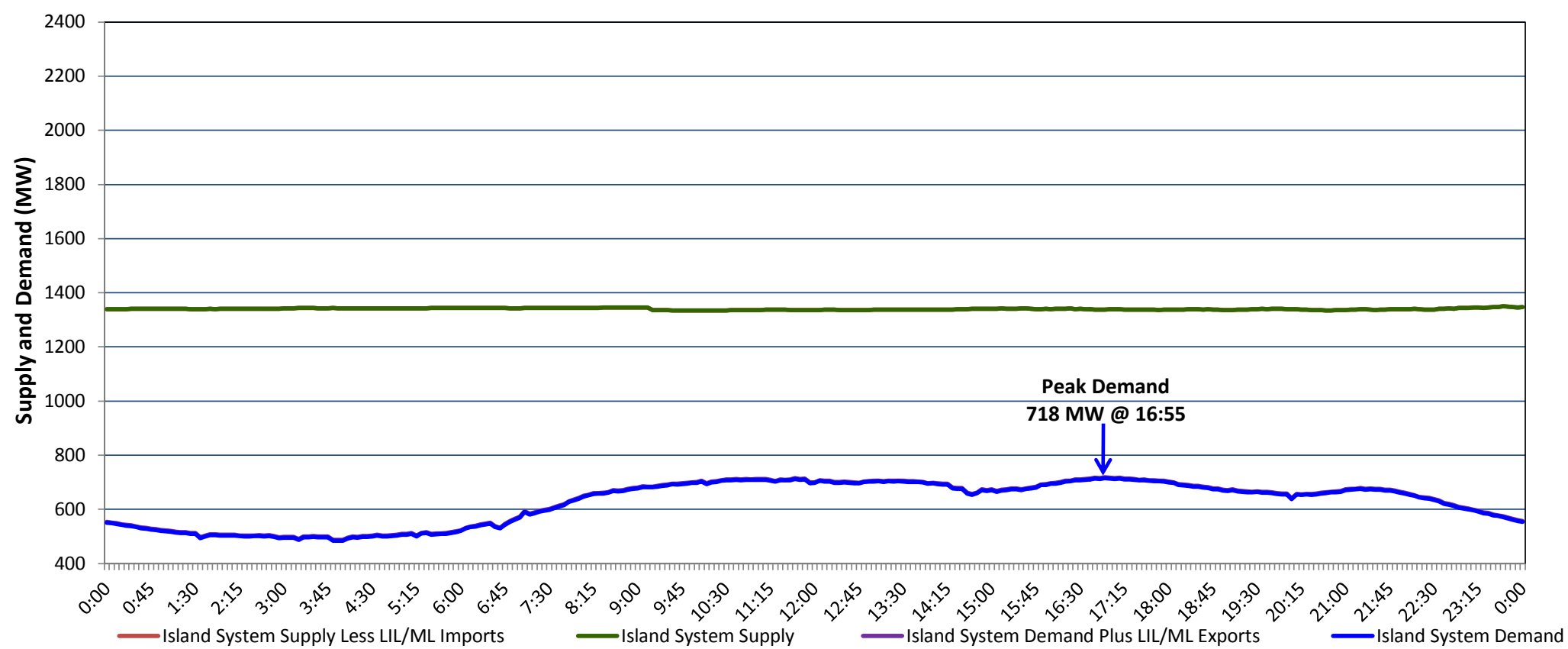


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Tuesday, July 27, 2021**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Monday, July 26, 2021**



**Supply Notes For July 26, 2021**

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- A As of 0805 hours, April 09, 2021, Holyrood Unit 3 unavailable due to planned outage (150 MW).  
 B As of 0804 hours, May 26, 2021, Holyrood Unit 1 unavailable due to planned outage (170 MW).  
 C As of 0720 hours, June 26, 2021, Holyrood Unit 2 available but not operating (170 MW).  
 D As of 0850 hours, July 25, 2021, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).  
 E As of 1051 hours, July 25, 2021, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).  
 F At 0914 hours, July 26, 2021, Paradise River Unit unavailable due to planned outage (8 MW).

**Section 2  
Island Interconnected Supply and Demand**

| Tue, Jul 27, 2021                            | 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> | 1,375                              | MW  |    | Tuesday, July 27, 2021   | 15               | 17      | 765                                  | 765                   |
| NLH Island Generation: <sup>4</sup>          | 1,040                              | MW  |    | Wednesday, July 28, 2021 | 18               | 19      | 740                                  | 740                   |
| NLH Island Power Purchases: <sup>6</sup>     | 130                                | MW  |    | Thursday, July 29, 2021  | 18               | 15      | 745                                  | 745                   |
| Other Island Generation:                     | 205                                | MW  |    | Friday, July 30, 2021    | 15               | 15      | 740                                  | 740                   |
| ML/LIL Imports:                              | -                                  | MW  |    | Saturday, July 31, 2021  | 17               | 16      | 725                                  | 725                   |
| Current St. John's Temperature & Windchill:  | 16 °C                              | N/A | °C | Sunday, August 01, 2021  | 15               | 15      | 730                                  | 730                   |
| 7-Day Island Peak Demand Forecast:           | 765                                | MW  |    | Monday, August 02, 2021  | 16               | 16      | 765                                  | 765                   |

**Supply Notes For July 27, 2021**

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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.

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

|                   |  |       |        |
|-------------------|--|-------|--------|
| Mon, Jul 26, 2021 | Actual Island Peak Demand <sup>8</sup> | 16:55 | 718 MW |
| Tue, Jul 27, 2021 | Forecast Island Peak Demand            |       | 765 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).