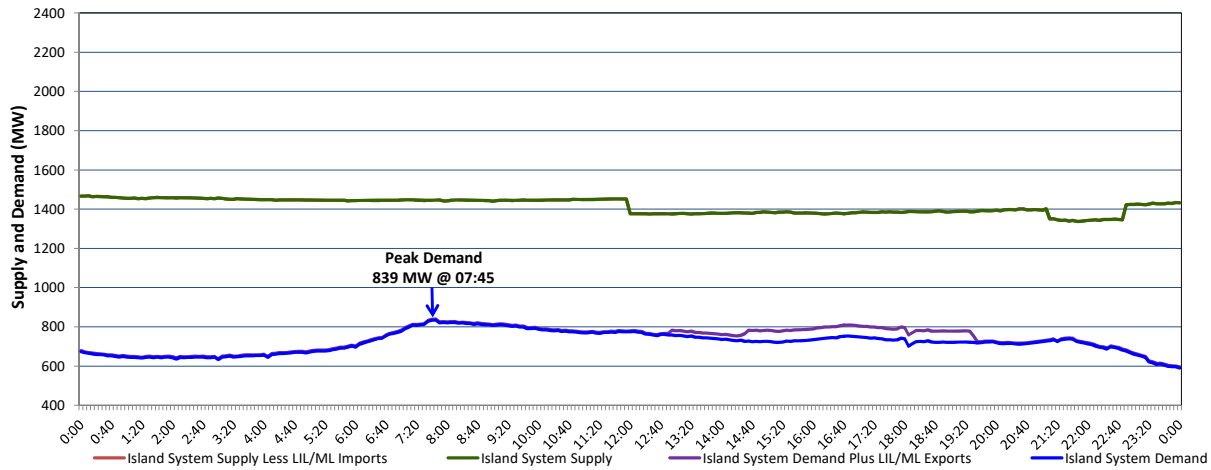


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, June 08, 2021

### Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Monday, June 07, 2021



#### Supply Notes For June 07, 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 1226 hours, May 21, 2021, Holyrood Unit 2 available but not operating (170 MW).
- C As of 0804 hours, May 26, 2021, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- D As of 1616 hours, June 01, 2021, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
- E At 0801 hours, June 07, 2021, Hawkes Bay Diesel Plant available at 2.5 MW (5 MW).
- F At 1200 hours, June 07, 2021, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
- G At 1600 hours, June 07, 2021, Hawkes Bay Diesel Plant available at full capacity (5 MW).
- H At 2246 hours, June 07, 2021, Bay d'Espoir Unit 4 available (76.5 MW).

### Section 2 Island Interconnected Supply and Demand

| Tue, Jun 08, 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> | 1,485 MW                           | Tuesday, June 8, 2021   | 18               | 20      | 815                                  | 815                   |
| NLH Island Generation: <sup>4</sup>          | 1,125 MW                           | Wednesday, June 9, 2021 | 11               | 6       | 800                                  | 800                   |
| NLH Island Power Purchases: <sup>6</sup>     | 125 MW                             | Thursday, June 10, 2021 | 6                | 4       | 910                                  | 910                   |
| Other Island Generation:                     | 235 MW                             | Friday, June 11, 2021   | 5                | 11      | 920                                  | 920                   |
| ML/LIL Imports:                              | -                                  | Saturday, June 12, 2021 | 10               | 9       | 750                                  | 750                   |
| Current St. John's Temperature & Windchill:  | 16 °C N/A °C                       | Sunday, June 13, 2021   | 8                | 7       | 975                                  | 975                   |
| 7-Day Island Peak Demand Forecast:           | 975 MW                             | Monday, June 14, 2021   | 12               | 12      | 775                                  | 775                   |

#### Supply Notes For June 08, 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, Jun 07, 2021 | Actual Island Peak Demand <sup>8</sup> | 7:45 | 839 MW |
| Tue, Jun 08, 2021 | Forecast Island Peak Demand            |      | 815 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).