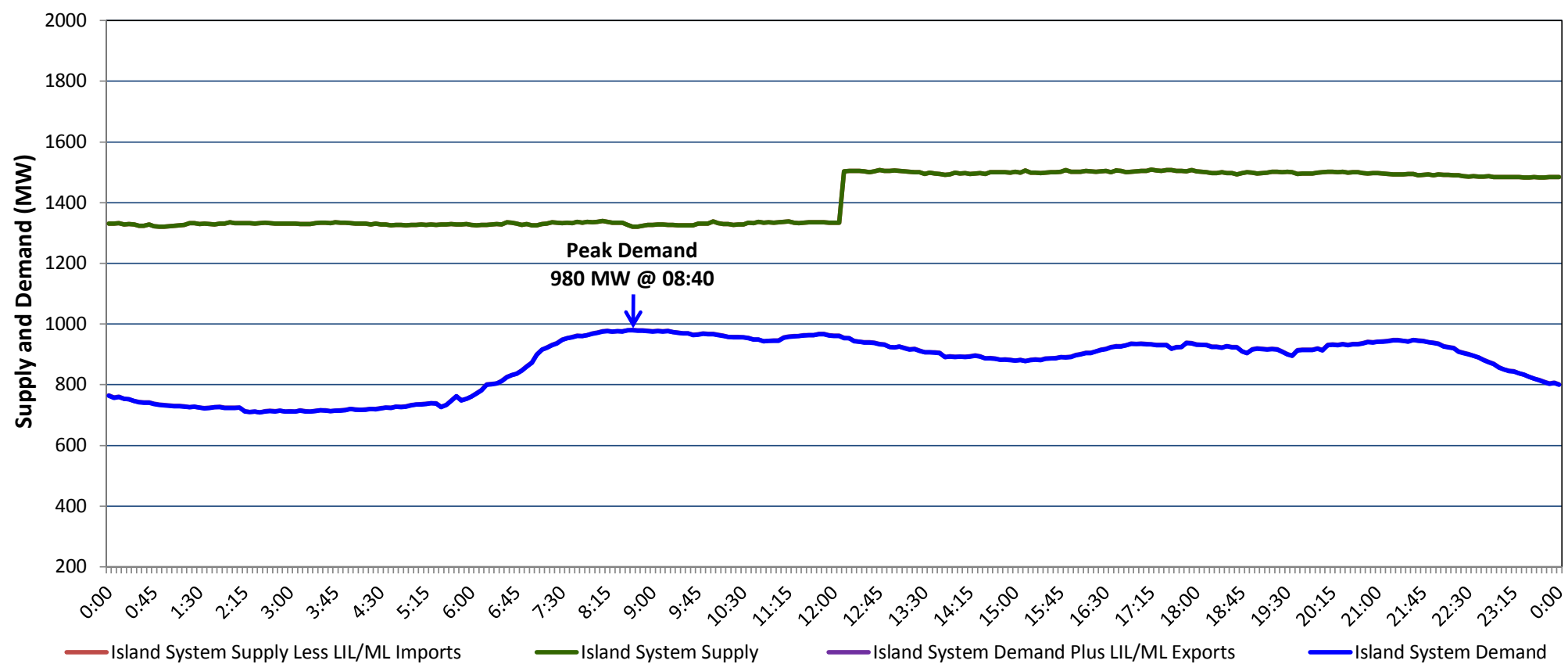


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Tuesday, June 11, 2019**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Monday, June 10, 2019**



**Supply Notes For June 10, 2019**

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- A As of 0000 hours, April 01, 2019, Holyrood Unit 3 unavailable due to planned outage (150 MW).
- B As of 0729 hours, May 12, 2019, St. Anthony Diesel Plant available at 8.85 MW (9.7 MW).
- C As of 1000 hours, May 16, 2019, Holyrood Unit 2 removed from service for economic dispatch (170 MW).
- D As of 1303 hours, May 26, 2019, Bay d'Espoir Unit 7 unavailable due to planned outage (153.4 MW).
- E As of 1057 hours, May 28, 2019, Stephenville Gas Turbine unavailable due to planned outage (50 MW).
- F At 1208 hours, June 08, 2019, Holyrood Unit 1 returned to service (170 MW).

**Section 2  
Island Interconnected Supply and Demand**

| Tue, Jun 11, 2019                                | 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>     | 1,445 MW                           | Tuesday, June 11, 2019   | 8                | 11      | 935                                  | 935                   |
| NLH Island Generation: <sup>4</sup>              | 1,165 MW                           | Wednesday, June 12, 2019 | 10               | 8       | 920                                  | 920                   |
| NLH Island Power Purchases: <sup>6</sup>         | 70 MW                              | Thursday, June 13, 2019  | 9                | 9       | 915                                  | 915                   |
| Other Island Generation:                         | 210 MW                             | Friday, June 14, 2019    | 6                | 5       | 935                                  | 935                   |
| ML/LIL Imports:                                  | - MW                               | Saturday, June 15, 2019  | 6                | 7       | 905                                  | 905                   |
| Current St. John's Temperature & Windchill: 7 °C | N/A °C                             | Sunday, June 16, 2019    | 9                | 9       | 790                                  | 790                   |
| 7-Day Island Peak Demand Forecast:               | 985 MW                             | Monday, June 17, 2019    | 4                | 4       | 985                                  | 985                   |

**Supply Notes For June 11, 2019**

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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 10, 2019 | Actual Island Peak Demand <sup>8</sup> | 08:40 | 980 MW |
| Tue, Jun 11, 2019 | Forecast Island Peak Demand            |       | 935 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).