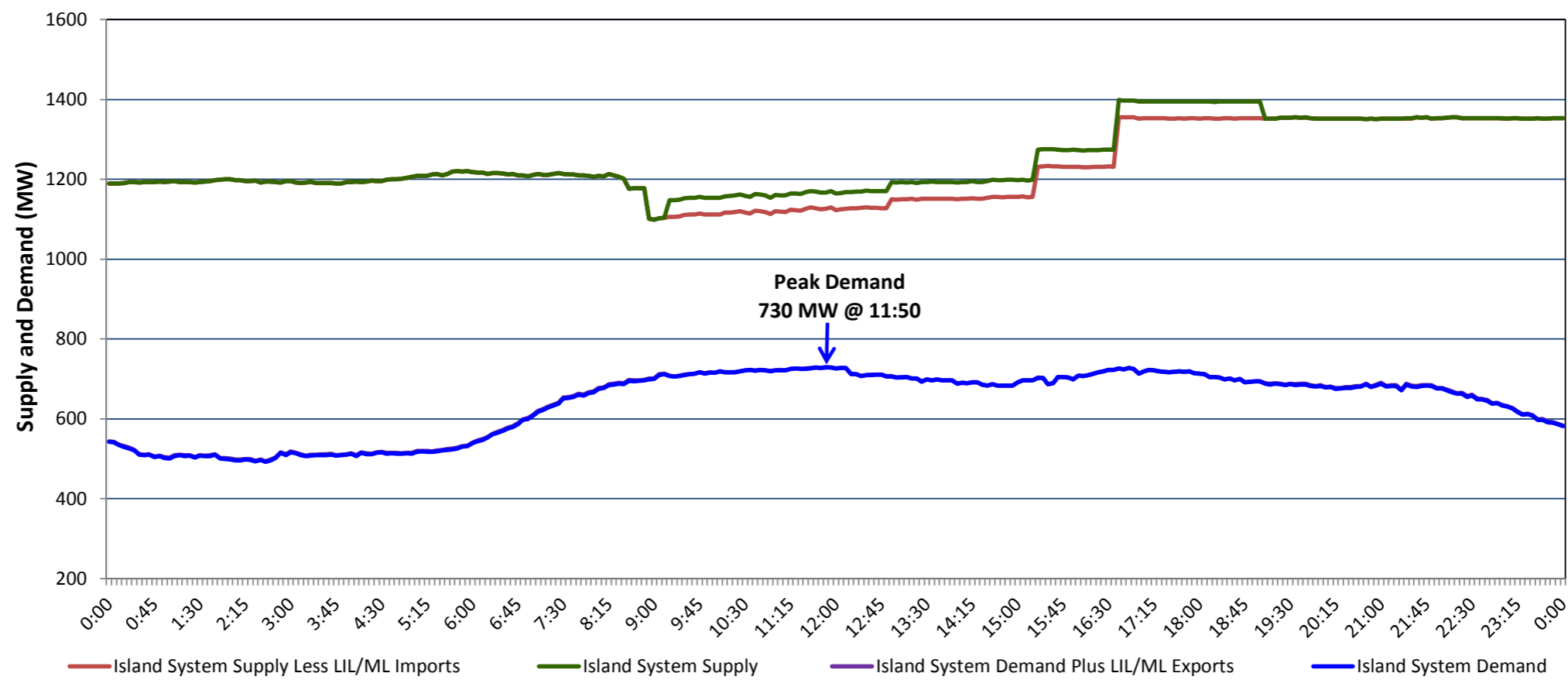


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Tuesday, July 10, 2018**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Friday, July 06, 2018**



**Supply Notes For July 06, 2018**

1,2

- A As of 0801 hours, April 02, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).
- B As of 1438 hours, May 22, 2018, Holyrood Unit 2 unavailable due to planned outage 70 MW (170 MW).
- C As of 0855 hours, June 11, 2018, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).
- D As of 0948 hours, June 27, 2018, Hinds Lake Unit unavailable due to planned outage (75 MW).
- E As of 0847 hours, June 30, 2018, Hardwoods Gas Turbine available at 25 MW (50 MW).
- F As of 1830 hours, July 03, 2018, Holyrood Unit 1 removed from service for economic dispatch 88 MW (170 MW).
- G As of 1500 hours, July 04, 2018, St. Anthony Diesel Plant available at 8.85 MW (9.7 MW).
- H As of 1537 hours, July 05, 2018, Cat Arm Unit 1 available at 50 MW (67 MW).
- I At 0835 hours, July 06, 2018, Stephenville Gas Turbine unavailable due to planned outage 25 MW (50 MW).
- J At 0854 hours, July 06, 2018, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
- K At 1251 hours, July 06, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- L At 1520 hours, July 06, 2018, Bay d'Espoir Unit 3 available (76.5 MW).
- M At 1638 hours, July 06, 2018, Holyrood Combustion Turbine available (123.5 MW).

**Section 2  
Island Interconnected Supply and Demand**

| Sat, Jul 07, 2018                                 | 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>      | <b>1,245 MW</b>                    | Saturday, July 07, 2018  | 14               | 14      | <b>765</b>                           | <b>765</b>            |
| NLH Island Generation: <sup>4</sup>               | 900 MW                             | Sunday, July 08, 2018    | 13               | 15      | 785                                  | 785                   |
| NLH Island Power Purchases: <sup>6</sup>          | 145 MW                             | Monday, July 09, 2018    | 16               | 16      | 820                                  | 820                   |
| Other Island Generation:                          | 200 MW                             | Tuesday, July 10, 2018   | 17               | 17      | 800                                  | 800                   |
| ML/LIL Imports:                                   | - MW                               | Wednesday, July 11, 2018 | 17               | 17      | 790                                  | 790                   |
| Current St. John's Temperature & Windchill: 15 °C | N/A °C                             | Thursday, July 12, 2018  | 15               | 13      | 790                                  | 790                   |
| 7-Day Island Peak Demand Forecast:                | <b>820 MW</b>                      | Friday, July 13, 2018    | 13               | 13      | 815                                  | 815                   |

**Supply Notes For July 07, 2018**

3

- N At 0738 hours, July 07, 2018, Upper Salmon Unit unavailable due to planned outage (84 MW).

- 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 some customer's load must 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, is necessary to ensure the integrity and reliability of system equipment. Under frequency events typically occur 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes.
  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, Vale capacity assistance (when applicable).
  7. Adjusted for CBPP, Vale and Praxair interruptible load, Maritime Link and Labrador-Island Link exports and the impact of voltage reduction, when applicable.

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

|                   |  |       |        |
|-------------------|--|-------|--------|
| Fri, Jul 06, 2018 | Actual Island Peak Demand <sup>8</sup> | 11:50 | 730 MW |
| Sat, Jul 07, 2018 | 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).