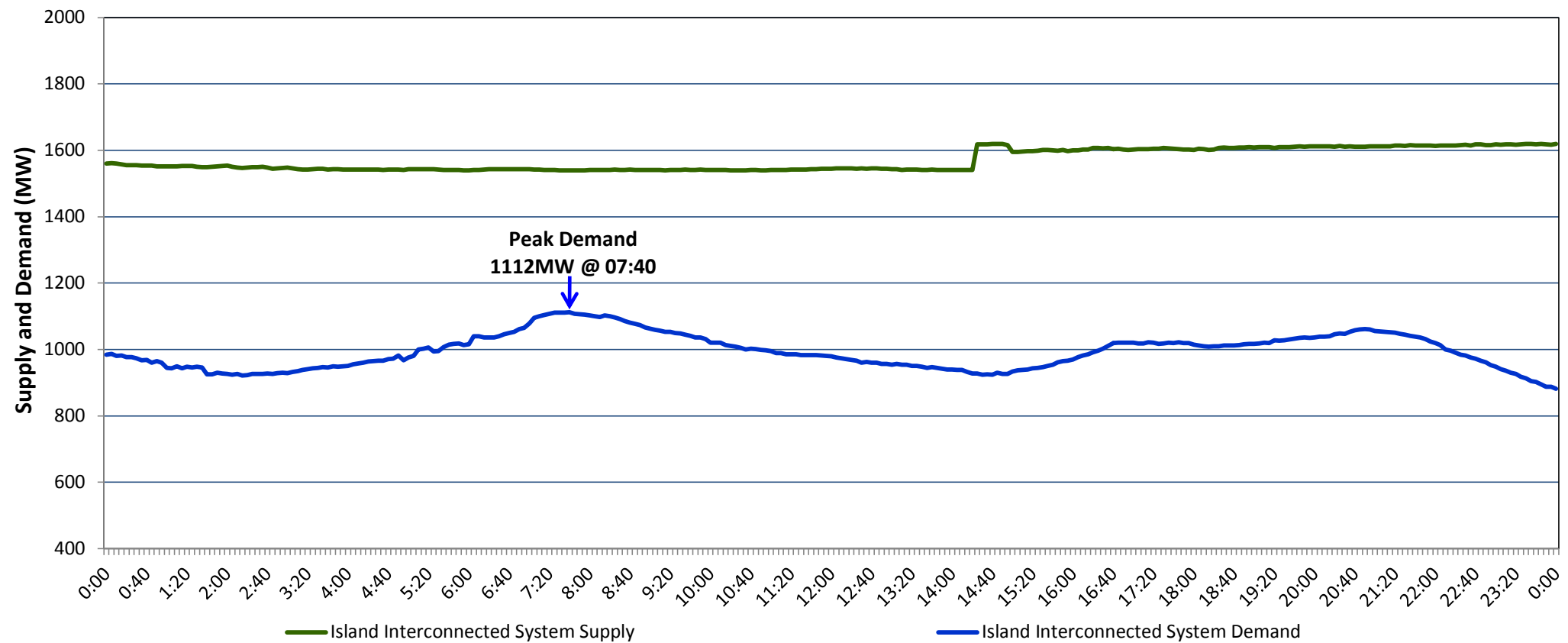


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Wednesday, May 03, 2017**

**Section 1  
Island Interconnected System Supply and Demand  
Actual 24 Hour System Performance For Tuesday, May 02, 2017**



**Supply Notes For May 02, 2017**

1,2

- A As of 1526 hours, April 03, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
- B As of 1520 hours, April 19, 2017, Hawke's Bay Diesel Plant available at 2.5 MW (5 MW).
- C As of 1616 hours, April 25, 2017, Holyrood Unit 3 unavailable due to planned outage 135 MW (150 MW).
- D As of 0855 hours, May 01, 2017, Holyrood Unit 2 unavailable 165 MW (170 MW).
- E As of 1704 hours, May 01, 2017, Holyrood Unit 1 available at 125 MW (170 MW).
- F At 1425 hours, May 02, 2017, Bay d'Espoir Unit 5 available (76.5 MW).

**Section 2  
Island Interconnected System Supply and Demand**

| Wed, May 03, 2017                            | Island System Outlook <sup>3</sup> | Seven-Day Forecast      | Temperature (°C) |         | Island System Daily Peak Demand (MW)<br>Forecast |
|--|------------------------------------|-------------------------|------------------|---------|--|
|  |                                    |                         | Morning          | Evening |  |
| Available Island System Supply: <sup>5</sup> | 1,570 MW                           | Wednesday, May 03, 2017 | 1                | 7       | 1,180  |
| NLH Generation: <sup>4</sup>                 | 1,300 MW                           | Thursday, May 04, 2017  | 5                | 3       | 1,095  |
| NLH Power Purchases: <sup>6</sup>            | 90 MW                              | Friday, May 05, 2017    | 4                | 8       | 1,080  |
| Other Island Generation:                     | 180 MW                             | Saturday, May 06, 2017  | 7                | 8       | 940  |
| Current St. John's Temperature:              | -2 °C                              | Sunday, May 07, 2017    | 6                | 8       | 970  |
| Current St. John's Windchill:                | -9 °C                              | Monday, May 08, 2017    | 9                | 5       | 930  |
| 7-Day Island Peak Demand Forecast:           | 1,180 MW                           | Tuesday, May 09, 2017   | 4                | 3       | 1,095  |

**Supply Notes For May 03, 2017**

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 Interconnected System being isolated from 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 Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Vale capacity assistance (when applicable), and Wind Generation.

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

|                   |  |       |          |
|-------------------|--|-------|----------|
| Tue, May 02, 2017 | Actual Island Peak Demand <sup>8</sup> | 07:40 | 1,112 MW |
| Wed, May 03, 2017 | Forecast Island Peak Demand            |       | 1,180 MW |

- Notes: 8. Island Demand is supplied by NLH generation and purchases, plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).