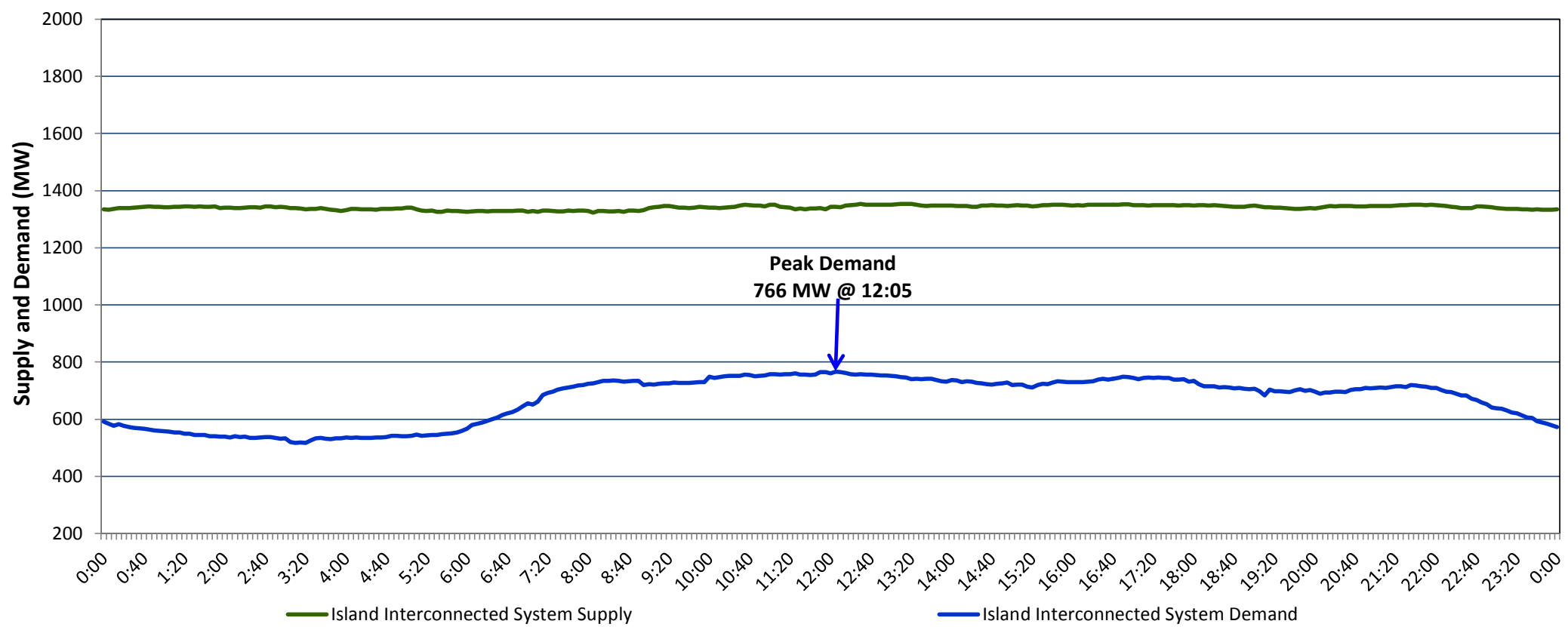


**Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Tuesday, June 20, 2017**

**Section 1
Island Interconnected System Supply and Demand
Actual 24 Hour System Performance For Monday, June 19, 2017**



Supply Notes For June 19, 2017

- 1,2
- A As of 2003 hours, May 03, 2017, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
 - B As of 1510 hours, May 07, 2017, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).
 - C As of 1544 hours, May 19, 2017, Hawke's Bay Diesel Plant available at 2.5 MW (5 MW).
 - D As of 1147 hours, May 31, 2017, Holyrood Unit 3 unavailable due to planned outage 147 MW (150 MW).
 - E As of 1730 hours, May 31, 2017, Stephenville Gas Turbine available at 25 MW (50 MW).
 - F As of 0500 hours, June 17, 2017, Holyrood Unit 1 available at 120 MW but offline for economic dispatch (170 MW).
 - G As of 1344 hours, June 17, 2017, Holyrood Unit 2 available at 140 MW (170 MW).
 - H As of 0830 hours, June 18, 2017, Holyrood Combustion Turbine unavailable due to planned outage (123.5 MW).
 - I As of 1424 hours, June 18, 2017, Granite Canal Unit unavailable due to planned outage (40 MW).

**Section 2
Island Interconnected Supply and Demand**

| Tue, Jun 20, 2017 | Island System Outlook ³ | Seven-Day Forecast | Temperature (°C) | | Island System Daily Peak Demand (MW) Forecast |
|--|------------------------------------|--------------------------|------------------|---------|--|
| | | | Morning | Evening | |
| Available Island System Supply: ⁵ | 1,325 MW | Tuesday, June 20, 2017 | 18 | 19 | 770 |
| NLH Generation: ⁴ | 1,000 MW | Wednesday, June 21, 2017 | 16 | 15 | 770 |
| NLH Power Purchases: ⁶ | 130 MW | Thursday, June 22, 2017 | 16 | 15 | 770 |
| Other Island Generation: | 195 MW | Friday, June 23, 2017 | 12 | 15 | 770 |
| Current St. John's Temperature: | 15 °C | Saturday, June 24, 2017 | 13 | 13 | 765 |
| Current St. John's Windchill: | N/A °C | Sunday, June 25, 2017 | 10 | 10 | 750 |
| 7-Day Island Peak Demand Forecast: | 795 MW | Monday, June 26, 2017 | 11 | 11 | 795 |

Supply Notes For June 20, 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**

| | | | |
|-------------------|--|-------|--------|
| Mon, Jun 19, 2017 | Actual Island Peak Demand ⁸ | 12:05 | 766 MW |
| Tue, Jun 20, 2017 | Forecast Island Peak Demand | | 770 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).