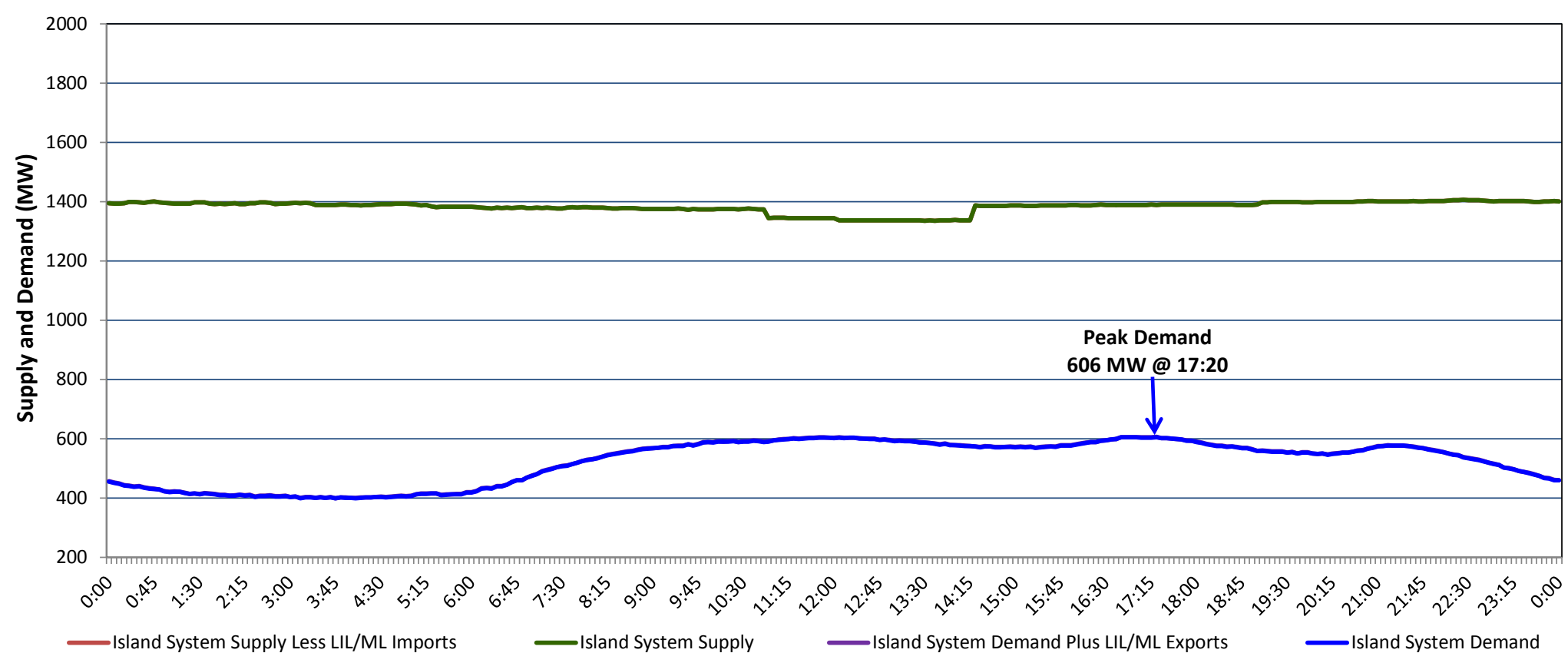


**Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Thursday, August 06, 2020**

**Section 1  
Island Interconnected System Supply, Demand & Exports  
Actual 24 Hour System Performance For Wednesday, August 05, 2020**



**Supply Notes For August 05, 2020**

- 1,2
- A As of 1415 hours, June 11, 2020, Holyrood Unit 1 unavailable due to planned outage (170 MW).  
 B As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).  
 C As of 0808 hours, July 15, 2020, Holyrood Unit 2 unavailable due to planned outage (170 MW).  
 D As of 1222 hours, July 26, 2020, Cat Arm Unit 2 unavailable due to planned outage (67 MW).  
 E At 1202 hours, August 05, 2020, Paradise River Unit unavailable due to planned outage (8 MW).  
 F At 1417 hours, August 05, 2020, Hardwoods Gas Turbine available (50 MW).  
 G At 1902 hours, August 05, 2020, Paradise River Unit available (8 MW).

**Section 2  
Island Interconnected Supply and Demand**

| Thu, Aug 06, 2020                            | 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> | 1,420 MW                           | Thursday, August 06, 2020  | 18               | 20      | 625                                  | 625                   |
| NLH Island Generation: <sup>4</sup>          | 1,135 MW                           | Friday, August 07, 2020    | 20               | 20      | 630                                  | 630                   |
| NLH Island Power Purchases: <sup>6</sup>     | 95 MW                              | Saturday, August 08, 2020  | 19               | 20      | 585                                  | 585                   |
| Other Island Generation:                     | 190 MW                             | Sunday, August 09, 2020    | 16               | 17      | 695                                  | 695                   |
| ML/LIL Imports:                              | - MW                               | Monday, August 10, 2020    | 18               | 19      | 740                                  | 740                   |
| Current St. John's Temperature & Windchill:  | 16 °C                              | Tuesday, August 11, 2020   | 17               | 18      | 730                                  | 730                   |
| 7-Day Island Peak Demand Forecast:           | 740 MW                             | Wednesday, August 12, 2020 | 19               | 20      | 725                                  | 725                   |

**Supply Notes For August 06, 2020**

- 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 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**

|                   |  |       |        |
|-------------------|--|-------|--------|
| Wed, Aug 05, 2020 | Actual Island Peak Demand <sup>8</sup> | 17:20 | 606 MW |
| Thu, Aug 06, 2020 | Forecast Island Peak Demand            |       | 625 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).