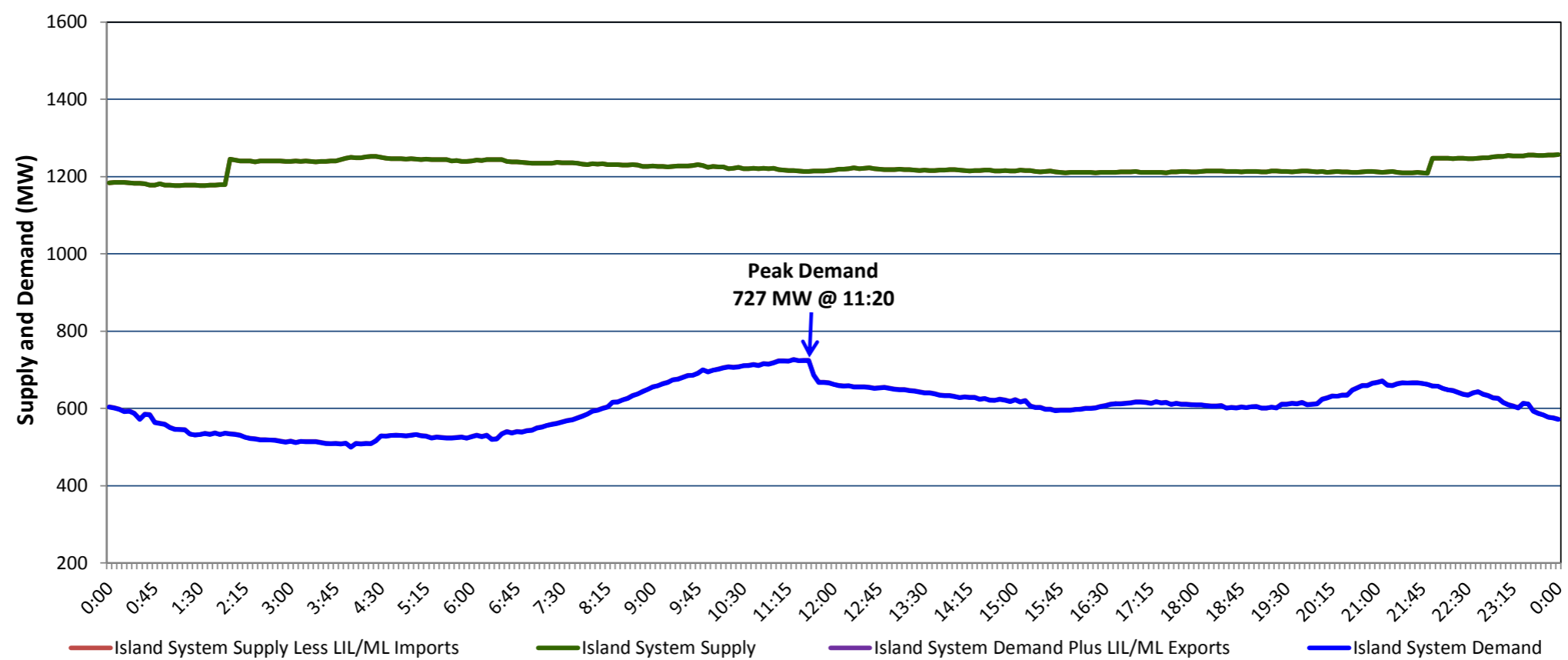


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Monday, July 29, 2019 (Revised - July 30, 2019)

Section 1

Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Sunday, July 28, 2019



Supply Notes For July 28, 2019

1,2

- A** As of 1303 hours, May 26, 2019, Bay d'Espoir Unit 7 unavailable due to planned outage (153.4 MW).
- B** As of 1436 hours, June 15, 2019, Holyrood Unit 1 removed from service for economic dispatch (170 MW).
- C** As of 0800 hours, June 17, 2019, Holyrood Unit 2 unavailable due to planned outage (170 MW).
- D** As of 1457 hours, June 28, 2019, Stephenville Gas Turbine available at 25 MW (50 MW).
- E** As of 1700 hours, July 19, 2019, Holyrood Unit 3 removed from service for economic dispatch (150 MW).
- F** At 0155 hours, July 28, 2019, Cat Arm Unit 1 available (67 MW).
- G** At 0930 hours, July 28, 2019, St. Anthony Diesel Plant available at 7.7 MW (9.7 MW).
- H** At 2152 hours, July 28, 2019, Granite Canal Unit available (40 MW).

Section 2

Island Interconnected Supply and Demand

| Mon, Jul 29, 2019 | Island System Outlook ³ | Seven-Day Forecast | Temperature (°C) | | Island System Daily Peak Demand (MW) | |
|---|------------------------------------|---------------------------|------------------|---------|--------------------------------------|-----------------------|
| | | | Morning | Evening | Forecast | Adjusted ⁷ |
| Available Island System Supply: ⁵ | 1,275 MW | Monday, July 29, 2019 | 16 | 16 | 800 | 800 |
| NLH Island Generation: ⁴ | 1,015 MW | Tuesday, July 30, 2019 | 17 | 22 | 795 | 795 |
| NLH Island Power Purchases: ⁶ | 80 MW | Wednesday, July 31, 2019 | 12 | 17 | 785 | 785 |
| Other Island Generation: | 180 MW | Thursday, August 01, 2019 | 21 | 22 | 805 | 805 |
| ML/LIL Imports: | - MW | Friday, August 02, 2019 | 20 | 19 | 800 | 800 |
| Current St. John's Temperature & Windchill: 15 °C | N/A °C | Saturday, August 03, 2019 | 17 | 19 | 785 | 785 |
| 7-Day Island Peak Demand Forecast: | 805 MW | Sunday, August 04, 2019 | 15 | 18 | 770 | 770 |

Supply Notes For July 29, 2019

3

- I** At 0644 hours, July 29, 2019, Paradise River Unit unavailable (8 MW).
- J** At 0800 hours, July 29, 2019, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- K** At 0800 hours, July 29, 2019, Holyrood Unit 3 unavailable due to planned outage (150 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 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

| | | | |
|-------------------|--|-------|--------|
| Sun, Jul 28, 2019 | Actual Island Peak Demand ⁸ | 11:20 | 727 MW |
| Mon, Jul 29, 2019 | Forecast Island Peak Demand | | 800 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).