

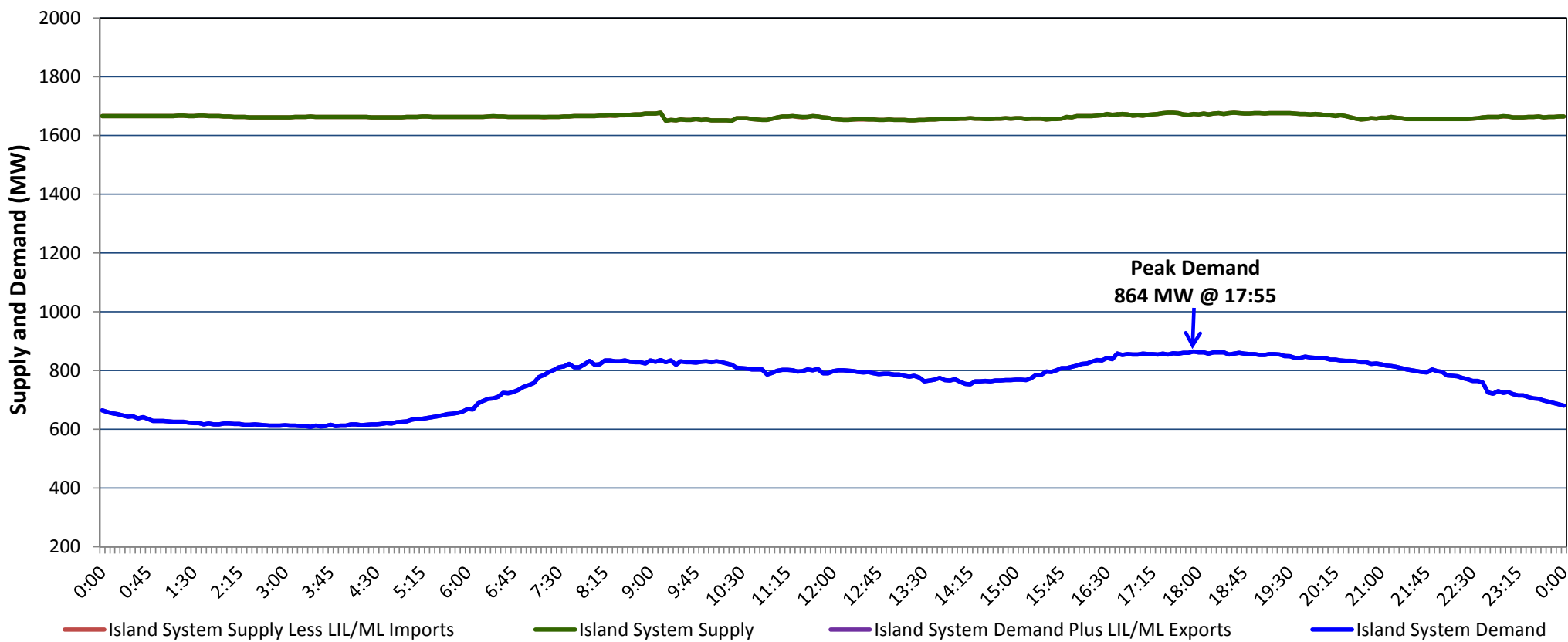
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Wednesday, October 31, 2018

Section 1

Island Interconnected System Supply, Demand & Exports

Actual 24 Hour System Performance For Tuesday, October 30, 2018



Supply Notes For October 30, 2018

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- A As of 1623 hours, September 28, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).
- B As of 0837 hours, October 21, 2018, Holyrood Unit 1 available at 140 MW (170 MW).
- C As of 1155 hours, October 22, 2018, Upper Salmon Unit unavailable due to planned outage (84 MW).
- D As of 1500 hours, October 26, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- E At 0914 hours, October 30, 2018, Hardwoods Gas Turbine available a 25 MW (50 MW).

Section 2

Island Interconnected Supply and Demand

| Wed, Oct 31, 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> |  |       |     | 1,660                              | MW                         | Wednesday, October 31, 2018 |   | 7                | 6       | 1,045                                | 1,045                 |
| NLH Island Generation: <sup>4</sup>          |  |       |     | 1,380                              | MW                         | Thursday, November 01, 2018 |   | 4                | 4       | 1,115                                | 1,115                 |
| NLH Island Power Purchases: <sup>6</sup>     |  |       |     | 80                                 | MW                         | Friday, November 02, 2018   |   | 7                | 6       | 1,060                                | 1,060                 |
| Other Island Generation:                     |  |       |     | 200                                | MW                         | Saturday, November 03, 2018 |   | 5                | 10      | 1,105                                | 1,105                 |
| ML/LIL Imports:                              |  |       |     | -                                  | MW                         | Sunday, November 04, 2018   |   | 13               | 6       | 1,185                                | 1,185                 |
| Current St. John's Temperature & Windchill:  |  | 9 °C  | N/A | °C                                 | Monday, November 05, 2018  |                             | 4 | 3                | 1,185   | 1,185                                |                       |
| 7-Day Island Peak Demand Forecast:           |  | 1,220 | MW  |                                    | Tuesday, November 06, 2018 |                             | 1 | 1                | 1,220   | 1,220                                |                       |

Supply Notes For October 31, 2018

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- 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 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

|                   |  |       |          |
|-------------------|--|-------|----------|
| Tue, Oct 30, 2018 | Actual Island Peak Demand <sup>8</sup> | 17:55 | 864 MW   |
| Wed, Oct 31, 2018 | Forecast Island Peak Demand            |       | 1,045 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).