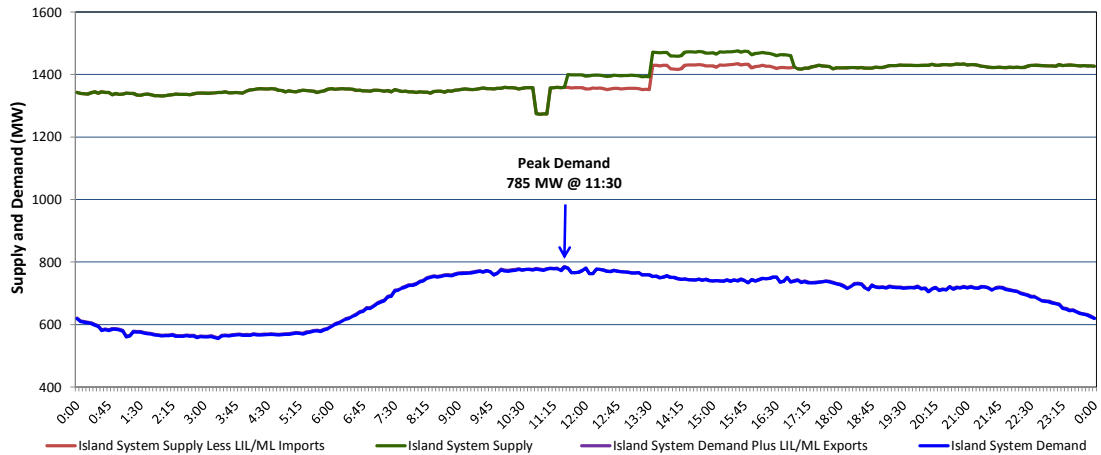


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, July 03, 2018

### Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Friday, June 29, 2018



#### Supply Notes For June 29, 2018

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- A As of 0801 hours, April 02, 2018, Holyrood Unit 3 unavailable due to planned outage 110 MW (150 MW).  
 B As of 1438 hours, May 22, 2018, Holyrood Unit 2 unavailable due to planned outage 70 MW (170 MW).  
 C As of 1357 hours, June 01, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).  
 D As of 0855 hours, June 11, 2018, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).  
 E As of 0945 hours, June 11, 2018, Hardwoods Gas Turbine unavailable due to a planned outage 25 MW (50 MW).  
 F As of 1242 hours, June 21, 2018, Holyrood Unit 1 available 88 MW (170 MW).  
 G As of 0948 hours, June 27, 2018, Hinds Lake Unit unavailable due to planned outage (75 MW).  
 H **At 1048 hours, June 29, 2018, Upper Salmon Unit unavailable (84 MW).**  
 I **At 1108 hours, June 29, 2018, Upper Salmon Unit available (84 MW).**  
 J **At 1331 hours, June 29, 2018, Bay d'Espoir Unit 6 available (76.5 MW).**  
 K **At 1521 hours, June 29, 2018, St. Anthony Diesel Plant available 8.85 (9.7 MW).**

### Section 2 Island Interconnected Supply and Demand

| Sat, Jun 30, 2018                            |       | Island System Outlook <sup>3</sup> | Seven-Day Forecast       | Temperature (°C) |         | Island System Daily Peak Demand (MW) |     |
|--|-------|------------------------------------|--------------------------|------------------|---------|--------------------------------------|-----|
|  |       |                                    |                          | Morning          | Evening |                                      |     |
| Available Island System Supply: <sup>5</sup> | 1,435 | MW                                 | Saturday, June 30, 2018  | 15               | 15      | 780                                  | 780 |
| NLH Island Generation: <sup>4</sup>          | 1,065 | MW                                 | Sunday, July 01, 2018    | 9                | 11      | 825                                  | 825 |
| NLH Island Power Purchases: <sup>6</sup>     | 160   | MW                                 | Monday, July 02, 2018    | 12               | 12      | 815                                  | 815 |
| Other Island Generation:                     | 210   | MW                                 | Tuesday, July 03, 2018   | 16               | 18      | 790                                  | 790 |
| ML/LIL Imports:                              | -     | MW                                 | Wednesday, July 04, 2018 | 16               | 13      | 785                                  | 785 |
| Current St. John's Temperature & Windchill:  | 18°C  | N/A °C                             | Thursday, July 05, 2018  | 13               | 12      | 805                                  | 805 |
| 7-Day Island Peak Demand Forecast:           | 825   | MW                                 | Friday, July 06, 2018    | 16               | 17      | 800                                  | 800 |

#### Supply Notes For June 30, 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, Vale capacity assistance (when applicable).
  7. Adjusted for CBPP, Vale and Praxair interruptible load, Maritime Link and Labrador-Island Link exports and the impact of voltage reduction, when applicable.

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

|                   |  |       |        |
|-------------------|--|-------|--------|
| Fri, Jun 29, 2018 | Actual Island Peak Demand <sup>8</sup> | 11:30 | 785 MW |
| Sat, Jun 30, 2018 | Forecast Island Peak Demand            |       | 780 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).