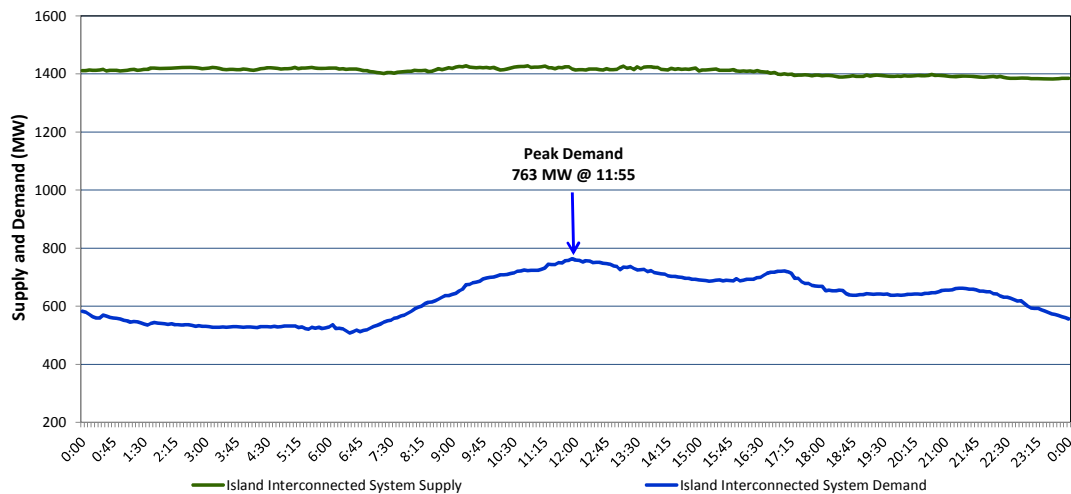


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, July 20, 2015

### Section 1 Island Interconnected System Supply and Demand Actual 24 Hour System Performance For Saturday, July 18, 2015



#### Supply Notes For July 18, 2015

- 1,2
- A As of 1823 hours, March 01, 2015, Hardwoods Gas Turbine End B unavailable (25 MW).
  - B As of 1333 hours, April 10, 2015, Holyrood Unit 3 removed from service for annual maintenance (150 MW).
  - C As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 5 removed from service for annual maintenance (76.5 MW).
  - D As of 0808 hours, May 27, 2015, Bay d'Espoir Unit 6 removed from service for annual maintenance (76.5 MW).
  - E As of 0824 hours, May 29, 2015, Hardwoods Gas Turbine End A unavailable (25 MW).
  - F As of 1440 hours, June 06, 2015, Holyrood Unit 2 removed from service for annual maintenance (170 MW).
  - G As of 1450 hours, June 24, 2015, Hawke's Bay Unit 548 (G2) unavailable (2.5 MW).
  - H As of 1810 hours, July 08, 2015, Bay d'Espoir Unit 1 de-rated to 45 MW (76.5 MW).

### Section 2 Island Interconnected Supply and Demand

| Sun, Jul 19, 2015 Island System Outlook <sup>3</sup> |          |                    | Temperature (°C)         |         | Island System Daily Peak Demand (MW) Forecast |
|------------------------------------------------------|----------|--------------------|--------------------------|---------|-----------------------------------------------|
|                                                      |          |                    | Morning                  | Evening |                                               |
| Available Island System Supply: <sup>5</sup>         | 1,390 MW | Seven-Day Forecast | Sunday, July 19, 2015    |         | 807                                           |
| NLH Generation: <sup>4</sup>                         | 1,095 MW |                    | Monday, July 20, 2015    |         | 840                                           |
| NLH Power Purchases:                                 | 95 MW    |                    | Tuesday, July 21, 2015   |         | 848                                           |
| Other Island Generation:                             | 200 MW   |                    | Wednesday, July 22, 2015 |         | 772                                           |
| Current St. John's Temperature:                      | 8 °C     |                    | Thursday, July 23, 2015  |         | 786                                           |
| Current St. John's Windchill:                        | N/A °C   |                    | Friday, July 24, 2015    |         | 775                                           |
| 7-Day Island Peak Demand Forecast:                   | 848 MW   |                    | Saturday, July 25, 2015  |         | 775                                           |

#### Supply Notes For July 19, 2015

- 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 underfrequency load shedding, is necessary to ensure the integrity and reliability of system equipment. Underfrequency 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).

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

|                   |                                        |       |        |
|-------------------|----------------------------------------|-------|--------|
| Sat, Jul 18, 2015 | Actual Island Peak Demand <sup>7</sup> | 11:55 | 763 MW |
| Sun, Jul 19, 2015 | Forecast Island Peak Demand            |       | 807 MW |

Notes: 7. 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).