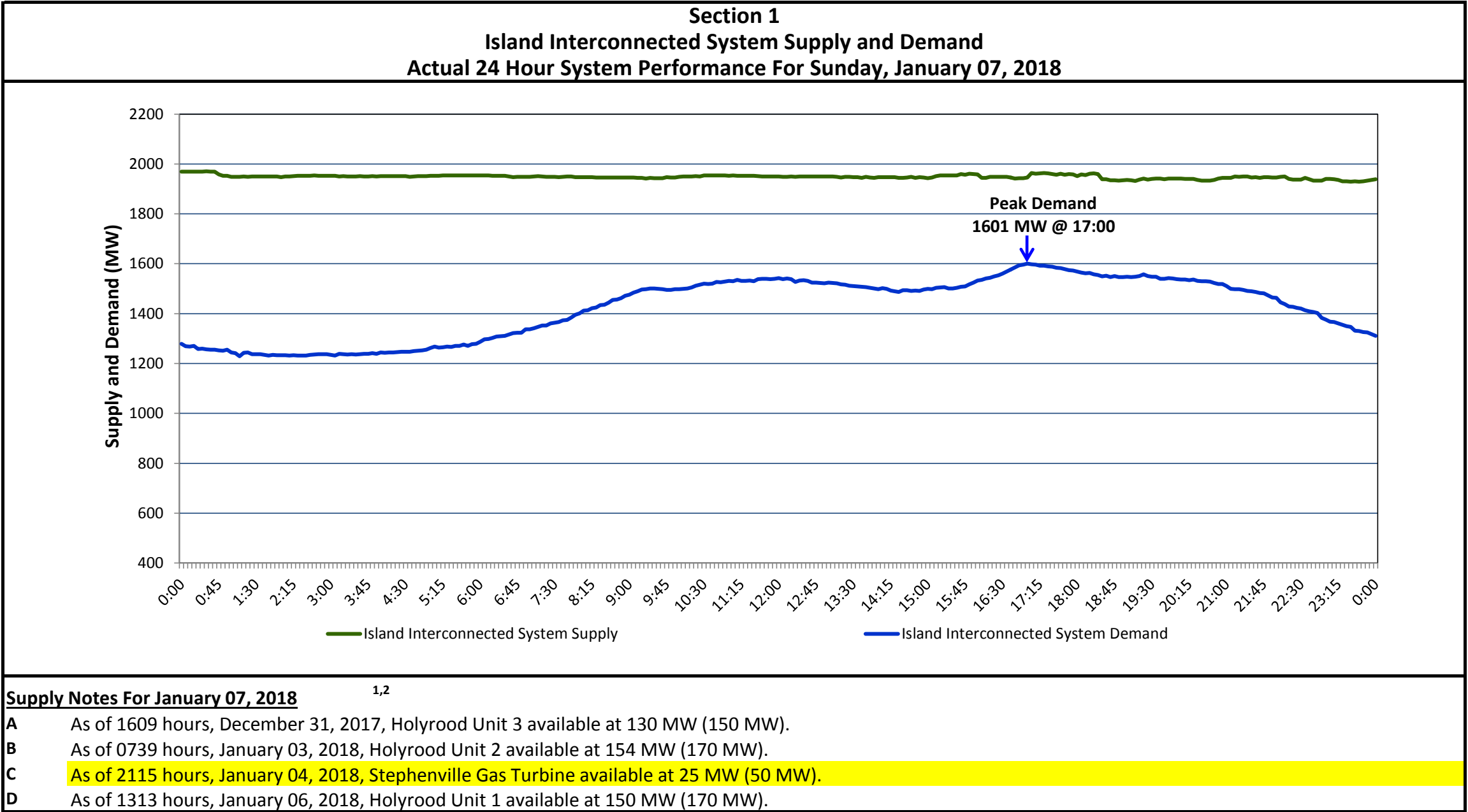


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Monday, January 08, 2018 (Revised - January 12, 2018)



| Section 2<br>Island Interconnected Supply and Demand  |       |    |                             |                  |         |                                      |                       |
|---|-------|----|-----------------------------|------------------|---------|--------------------------------------|-----------------------|
| Mon, Jan 08, 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>  | 1,920 | MW | Monday, January 08, 2018    | -8               | -7      | 1,630                                | 1,520                 |
| NLH Generation: <sup>4</sup>  | 1,615 | MW | Tuesday, January 09, 2018   | -7               | 0       | 1,560                                | 1,451                 |
| NLH Power Purchases: <sup>6</sup>   | 125   | MW | Wednesday, January 10, 2018 | -4               | -8      | 1,630                                | 1,520                 |
| Other Island Generation:  | 180   | MW | Thursday, January 11, 2018  | -9               | -5      | 1,605                                | 1,495                 |
| Current St. John's Temperature:   | -7    | °C | Friday, January 12, 2018    | 2                | 6       | 1,355                                | 1,248                 |
| Current St. John's Windchill:   | -18   | °C | Saturday, January 13, 2018  | -1               | -6      | 1,550                                | 1,441                 |
| 7-Day Island Peak Demand Forecast:  | 1,630 | MW | Sunday, January 14, 2018    | 3                | 2       | 1,295                                | 1,189                 |
| <b>Supply Notes For January 08, 2018</b> <sup>3</sup>   |       |    |                             |                  |         |                                      |                       |
| 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 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 Power Purchases include: CBPP Co-Gen, Nalcor Exploits, Rattle Brook, Star Lake, Wind Generation, Vale capacity assistance and Maritime Link Import (when applicable).  |       |    |                             |                  |         |                                      |                       |
| 7. Adjusted for CBP&P and Vale and Praxair interruptible load, the impact of voltage reduction and Maritime Link Exports (when applicable).   |       |    |                             |                  |         |                                      |                       |

| Section 3<br>Island Peak Demand Information<br>Previous Day Actual Peak and Current Day Forecast Peak   |  |       |          |
|---|--|-------|----------|
| Sun, Jan 07, 2018   | Actual Island Peak Demand <sup>8</sup> | 17:00 | 1,601 MW |
| Mon, Jan 08, 2018   | Forecast Island Peak Demand            |       | 1,630 MW |
| Notes: 8. 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). |  |       |          |