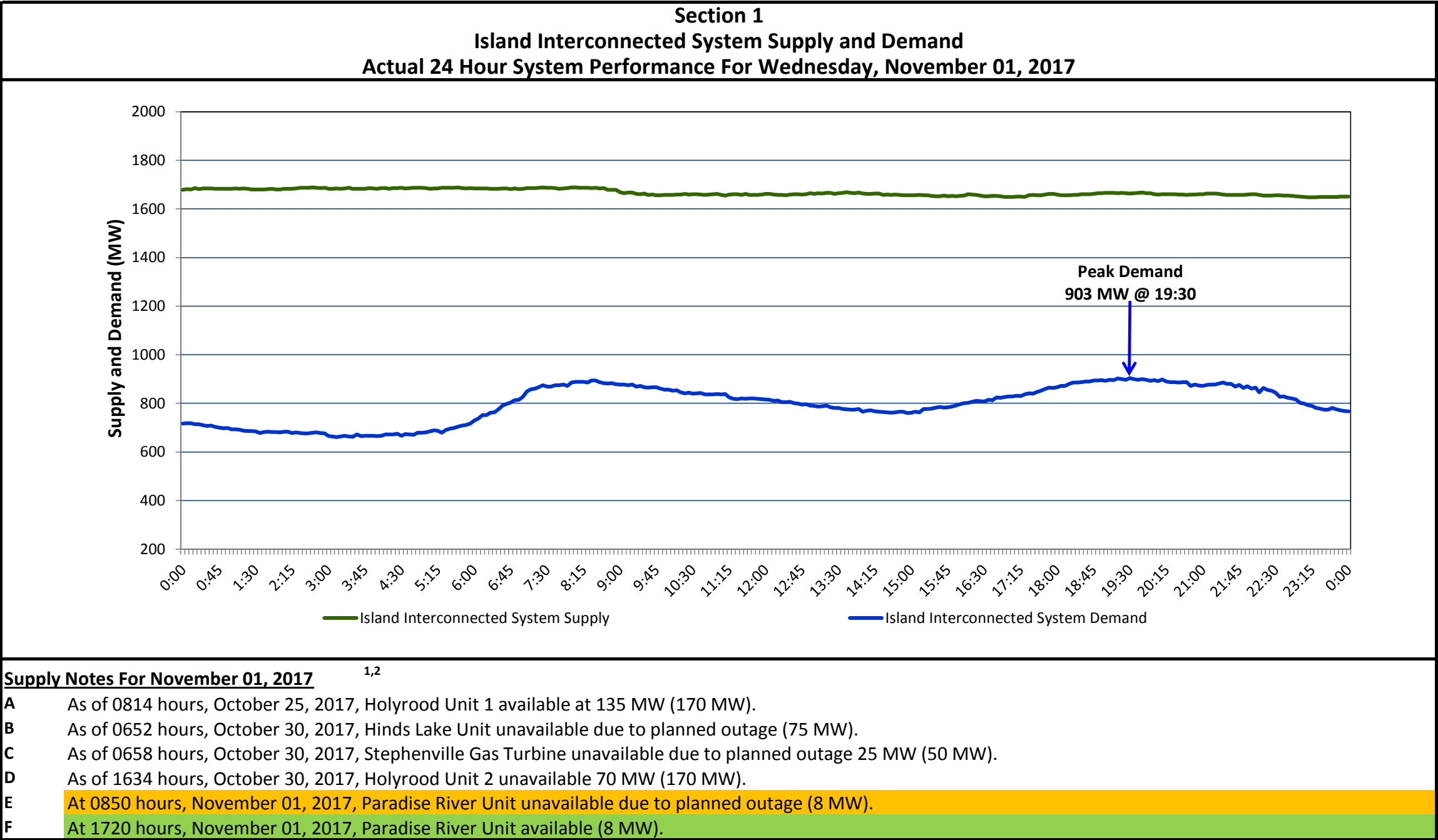


Newfoundland Labrador Hydro (NLH)
Supply and Demand Status Report Filed Thursday, November 02, 2017



Section 2
Island Interconnected Supply and Demand

| Thu, Nov 02, 2017 | 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 | 1,500 | MW | Thursday, November 02, 2017 | 5 | 3 | 1,045 | 953 |
| NLH Generation: ⁴ | 1,240 | MW | Friday, November 03, 2017 | 4 | 7 | 1,090 | 997 |
| NLH Power Purchases: ⁶ | 75 | MW | Saturday, November 04, 2017 | 11 | 7 | 1,020 | 928 |
| Other Island Generation: | 185 | MW | Sunday, November 05, 2017 | 1 | 0 | 1,185 | 1,091 |
| Current St. John's Temperature: | 3 | °C | Monday, November 06, 2017 | 1 | 6 | 1,205 | 1,111 |
| Current St. John's Windchill: | N/A | °C | Tuesday, November 07, 2017 | 11 | 8 | 1,055 | 963 |
| 7-Day Island Peak Demand Forecast: | 1,205 | MW | Wednesday, November 08, 2017 | 3 | 4 | 1,205 | 1,111 |
| Supply Notes For November 02, 2017 ³ | | | | | | | |
| G At 0700 hours, November 02, 2017, Holyrood Combustion Turbine unavailable due to planned outage (123.5 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 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, Vale capacity assistance (when applicable), and Wind Generation. | | | | | | | |
| 7. Adjusted for CBP&P interruptible load and the impact of voltage reduction, when applicable. | | | | | | | |

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

| | | | |
|---|--|-------|----------|
| Wed, Nov 01, 2017 | Actual Island Peak Demand ⁸ | 19:30 | 903 MW |
| Thu, Nov 02, 2017 | Forecast Island Peak Demand | | 1,045 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). | | | |