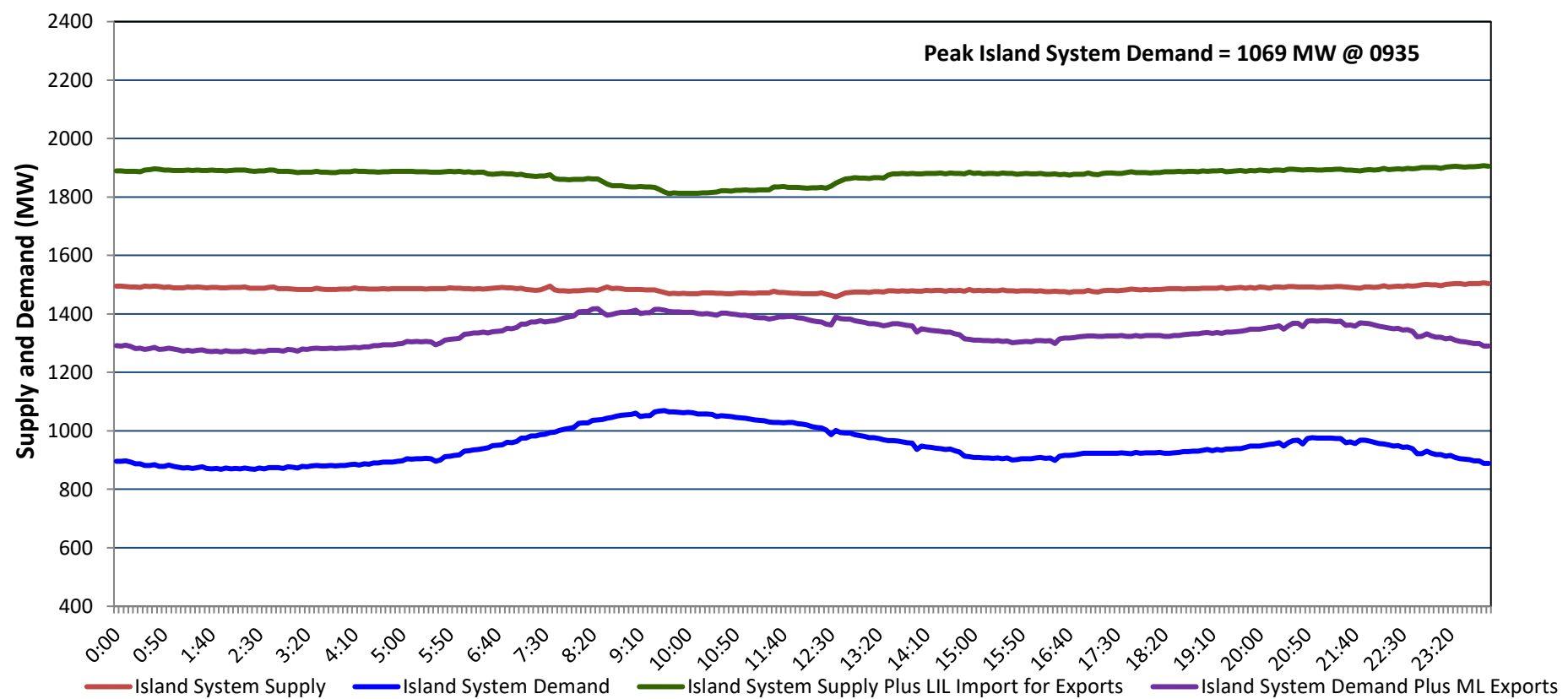


# Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Monday, May 13, 2024

## Section 1 Island Interconnected System - Supply, Demand & Exports Actual 24 Hour System Performance For Saturday, May 11, 2024



### Island Supply Notes For May 11, 2024

- A As of 0800 hours, May 21, 2023, Holyrood Unit 2 unavailable due to forced extension to planned outage (170 MW).
- B As of 2059 hours, July 13, 2023, Stephenville Gas Turbine unavailable due to forced outage (50 MW).
- C As of 1400 hours, February 06, 2024, St. Anthony Diesel Plant available at 8.7 MW due to forced derating (9.7 MW).
- D As of 1011 hours, April 12, 2024, Holyrood Unit 1 unavailable due to planned outage (170 MW).
- E As of 1505 hours, April 28, 2024, Bay d'Espoir Unit 5 unavailable due to planned outage (76.5 MW).
- F As of 1505 hours, April 28, 2024, Bay d'Espoir Unit 6 unavailable due to planned outage (76.5 MW).
- G As of 2306 hours, May 06, 2024, Labrador Island Link available at 450 MW due to forced derating (700 MW) - Bipole.

## Section 2 Island Interconnected System - Supply, Demand & Outlook

| Sun, May 12, 2024                        | Island System Outlook <sup>2</sup> | Seven-Day Forecast      | Island System Daily Peak Demand (MW) |                       |
|--|------------------------------------|-------------------------|--------------------------------------|-----------------------|
|  |                                    |                         | Forecast <sup>8</sup>                | Adjusted <sup>6</sup> |
| Island System Supply: <sup>4</sup>       | 1,533 MW                           | Sunday, May 12, 2024    | 1,055                                | 1,005                 |
| NLH Island Generation: <sup>3,7</sup>    | 1,150 MW                           | Monday, May 13, 2024    | 990                                  | 940                   |
| NLH Island Power Purchases: <sup>5</sup> | 145 MW                             | Tuesday, May 14, 2024   | 960                                  | 910                   |
| NP and CBPP Owned Generation:            | 215 MW                             | Wednesday, May 15, 2024 | 1,020                                | 970                   |
| LIL Net Imports to Island: <sup>9</sup>  | 23 MW                              | Thursday, May 16, 2024  | 955                                  | 905                   |
|  |                                    | Friday, May 17, 2024    | 905                                  | 855                   |
| 7-Day Island Peak Demand Forecast:       | 1,055 MW                           | Saturday, May 18, 2024  | 955                                  | 905                   |

### Island Supply Notes For May 12, 2024

- 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. Hydro schedules 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. As of 0800 Hours.
  3. Gross continuous unit output.
  4. Gross output from all Island sources (including Note 4).
  5. NLH Island Power Purchases include: ML Imports, Exploits Generation, Rattle Brook, Star Lake, Wind Generation and capacity assistance (when applicable).
  6. Adjusted for interruptible load and the impact of voltage reduction when applicable.
  7. Due to limitations inherent in the design of combustion turbines, the output of combustion turbines may be reduced in the event that ambient temperatures exceed the threshold required for full rated output. This threshold is dependent on the design of each turbine.
  8. Does not include ML Exports.
  9. LIL Import sunk in the Island System. Actual LIL flows will be restricted by various system conditions including, but not limited to, Island Load, ML Exports and Avalon Unit status.

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

|                   |                                  |      |          |
|-------------------|----------------------------------|------|----------|
| Sat, May 11, 2024 | Island Peak Demand <sup>10</sup> | 9:35 | 1,069 MW |
|                   | Exports at Peak                  |      | 343 MW   |
|                   | LIL Net Imports to Island        |      | 484 MWh  |
| Sun, May 12, 2024 | Forecast Island Peak Demand      |      | 1,055 MW |

- Notes: 10. Island Demand is supplied by NLH generation and purchases, LIL Imports plus generation owned and operated by Newfoundland Power and Corner Brook Pulp & Paper (Deer Lake Power, DLP).