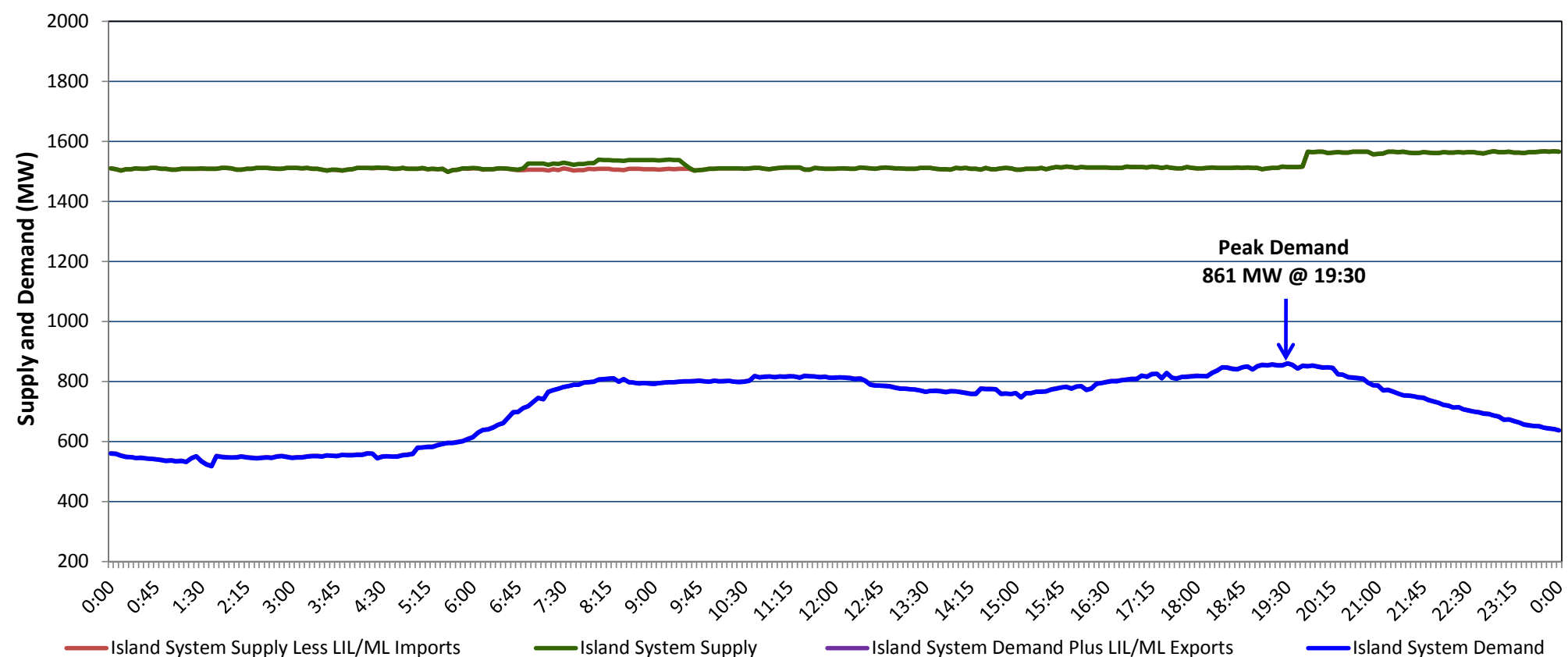


## Newfoundland Labrador Hydro (NLH) Supply and Demand Status Report Filed Tuesday, October 13, 2020

### Section 1 Island Interconnected System Supply, Demand & Exports Actual 24 Hour System Performance For Friday, October 09, 2020



#### Supply Notes For October 09, 2020

1,2

- A As of 0853 hours, June 21, 2020, Holyrood Unit 3 available but not operating (150 MW).
- B As of 0808 hours, July 15, 2020, Holyrood Unit 2 unavailable due to planned outage (170 MW).
- C As of 0734 hours, September 27, 2020, Hinds Lake Unit unavailable due to planned outage (75 MW).
- D As of 0648 hours, October 05, 2020, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).
- E As of 1430 hours, October 08, 2020, Holyrood Unit 1 available at 150 MW (170 MW).
- F At 1950 hours, October 09, 2020, Hardwoods Gas Turbine available (50 MW).

### Section 2 Island Interconnected Supply and Demand

Sat, Oct 10, 2020	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>	1,550 MW	Saturday, October 10, 2020	6	9	835	835
NLH Island Generation: <sup>4</sup>	1,200 MW	Sunday, October 11, 2020	16	11	790	790
NLH Island Power Purchases: <sup>6</sup>	125 MW	Monday, October 12, 2020	3	5	920	920
Other Island Generation:	225 MW	Tuesday, October 13, 2020	4	5	895	895
ML/LIL Imports:	-	Wednesday, October 14, 2020	7	8	810	810
Current St. John's Temperature & Windchill:	6 °C	Thursday, October 15, 2020	11	13	760	760
7-Day Island Peak Demand Forecast:	920 MW	Friday, October 16, 2020	10	11	760	760

#### Supply Notes For October 10, 2020

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 system having no synchronous connections to the larger North American grid, when there is a sudden loss of large generating units there may be a requirement for some customer's load to 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 (UFLS), is necessary to ensure the integrity and reliability of system equipment. Under frequency events have typically occurred 5 to 8 times per year on the Island Interconnected System and the resultant customer load interruptions are generally less than 30 minutes. With the activation of the Maritime Link frequency controller during the winter of 2018, UFLS events have occurred less frequently.
  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 and capacity assistance (when applicable).
  7. Adjusted for curtailable load, market activities and the impact of voltage reduction when applicable.

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

Fri, Oct 09, 2020	Actual Island Peak Demand <sup>8</sup>	19:30	861 MW
Sat, Oct 10, 2020	Forecast Island Peak Demand		835 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).