

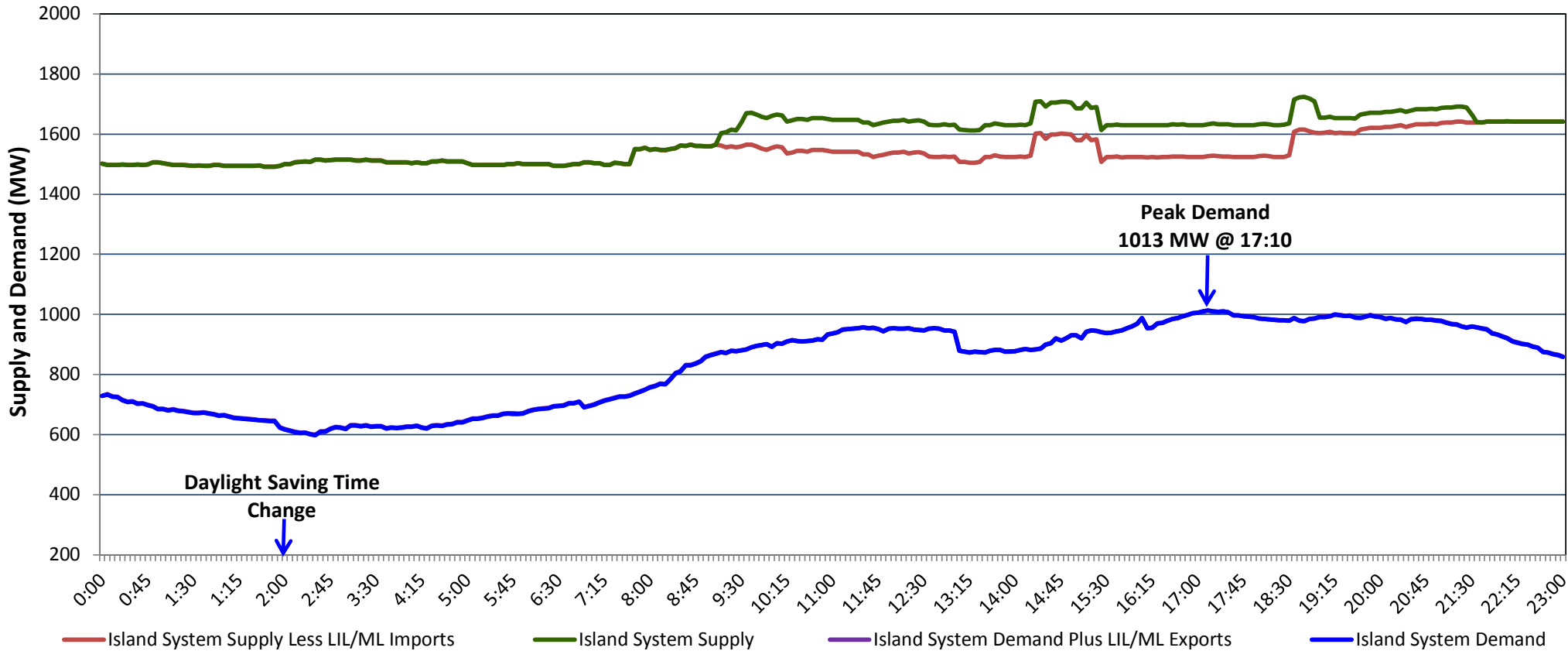
Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Monday, November 05, 2018

Section 1

Island Interconnected System Supply, Demand & Exports

Actual 24 Hour System Performance For Sunday, November 04, 2018



Supply Notes For November 04, 2018

1,2

- AAs of 1155 hours, October 22, 2018, Upper Salmon Unit unavailable due to planned outage (84 MW).
- BAs of 1500 hours, October 26, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).
- CAs of 2017 hours, November 03, 2018, Holyrood Unit 1 unavailable due to planned outage 40 MW (170 MW).
- DAt 0745 hours, November 04, 2018, Hardwoods Gas Turbine available (50 MW).
- EAt 1415 hours, November 04, 2018, Holyrood Unit 3 available at 70 MW (150 MW).
- FAt 1520 hours, November 04, 2018, Holyrood Unit 3 unavailable 70 MW (150 MW).
- GAt 1835 hours, November 04, 2018, Holyrood Unit 3 available at 70 MW (150 MW).

Section 2

Island Interconnected Supply and Demand

Mon, Nov 05, 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> NLH Island Generation: <sup>4</sup> NLH Island Power Purchases: <sup>6</sup> Other Island Generation: ML/LIL Imports: Current St. John's Temperature & Windchill: 2 °C 7-Day Island Peak Demand Forecast:	1,605 1,335 70 200 - N/A	MW MW MW MW MW °C		Monday, November 05, 2018	4	2	1,205	1,111
				Tuesday, November 06, 2018	2	3	1,195	1,101
				Wednesday, November 07, 2018	5	10	1,155	1,062
				Thursday, November 08, 2018	8	5	1,130	1,037
				Friday, November 09, 2018	5	4	1,150	1,057
				Saturday, November 10, 2018	3	3	1,265	1,170
				Sunday, November 11, 2018	7	2	1,205	1,111

Supply Notes For November 05, 2018

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 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 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

Sun, Nov 04, 2018	Actual Island Peak Demand <sup>8</sup>	17:10	1,013 MW
Mon, Nov 05, 2018	Forecast Island Peak Demand		1,205 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).