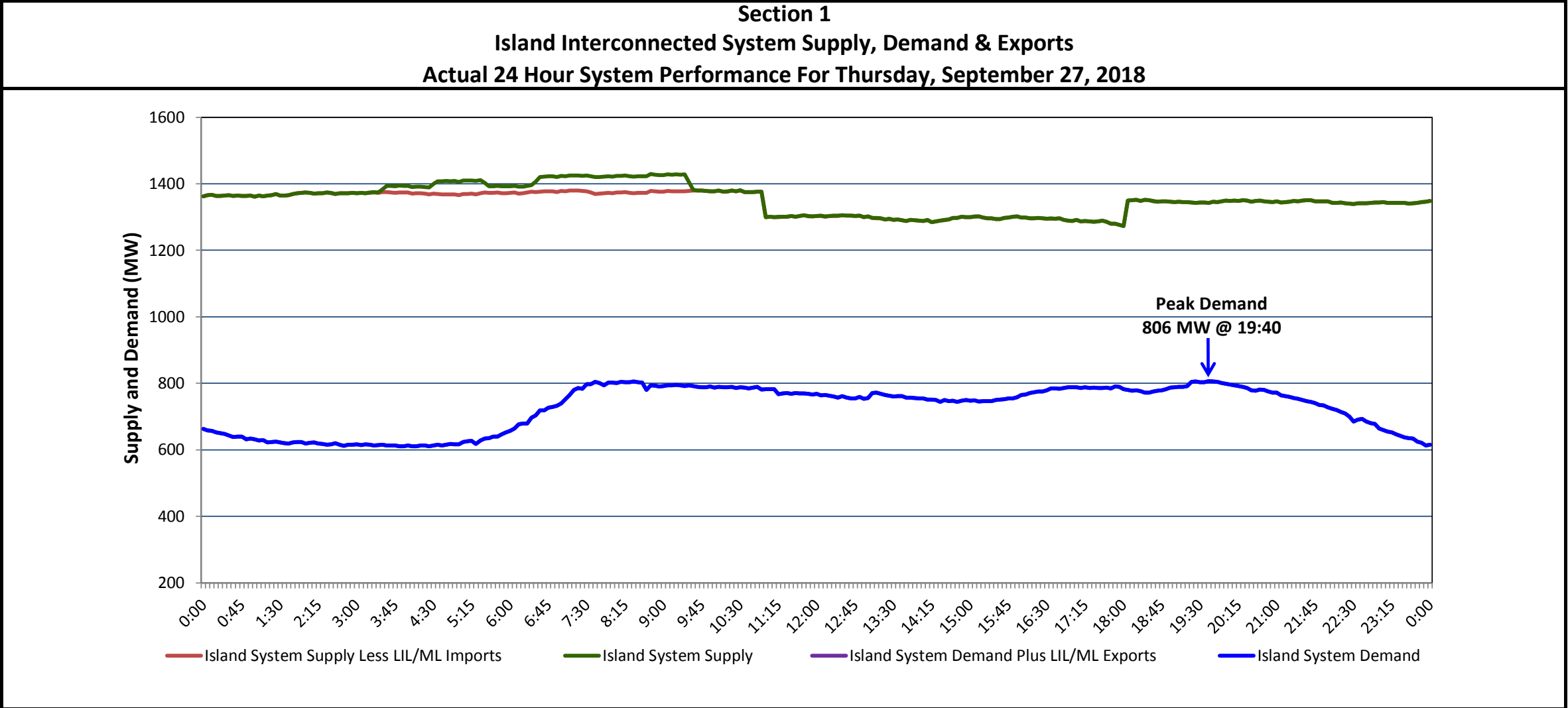


Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Friday, September 28, 2018



Supply Notes For September 27, 20181,2

A

As of 1000 hours, July 27, 2018, Holyrood Unit 1 unavailable due to planned outage 88 MW (170 MW).

B

As of 1609 hours, August 07, 2018, Stephenville Gas Turbine available at 25 MW (50 MW).

C

As of 1118 hours, August 21, 2018, Holyrood Gas Turbine unavailable due to planned outage (123.5 MW).

D

As of 1034 hours, September 17, 2018, Bay d'Espoir Unit 4 unavailable due to planned outage (76.5 MW).

E

As of 2004 hours, September 22, 2018, Bay d'Espoir Unit 3 unavailable due to planned outage (76.5 MW).

F

As of 0908 hours, September 24, 2018, Holyrood Unit 3 unavailable 110 MW (150 MW).

G

As of 2048 hours, September 26, 2018, Holyrood Unit 2 available 140 MW (170 MW).

H

At 1059 hours, September 27, 2018, Bay d'Espoir Unit 2 unavailable due to planned outage (76.5 MW).

I

At 1802 hours, September 27, 2018, Bay d'Espoir Unit 2 available (76.5 MW).

Section 2  
Island Interconnected Supply and Demand

Fri, Sep 28, 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>				1,361	MW	Friday, September 28, 2018		11	10	875	875
NLH Island Generation: <sup>4</sup>				1,040	MW	Saturday, September 29, 2018		15	16	820	820
NLH Island Power Purchases: <sup>6</sup>				130	MW	Sunday, September 30, 2018		11	6	930	930
Other Island Generation:				165	MW	Monday, October 01, 2018		7	7	930	930
ML/LIL Imports:				26	MW	Tuesday, October 02, 2018		8	6	925	925
Current St. John's Temperature & Windchill: 10 °C				N/A	°C	Wednesday, October 03, 2018		9	7	930	930
7-Day Island Peak Demand Forecast:				1,000	MW	Thursday, October 04, 2018		9	10	1,000	1,000

Supply Notes For September 28, 20183

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

Thu, Sep 27, 2018	Actual Island Peak Demand <sup>8</sup>	19:40	806 MW
Fri, Sep 28, 2018	Forecast Island Peak Demand		875 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).