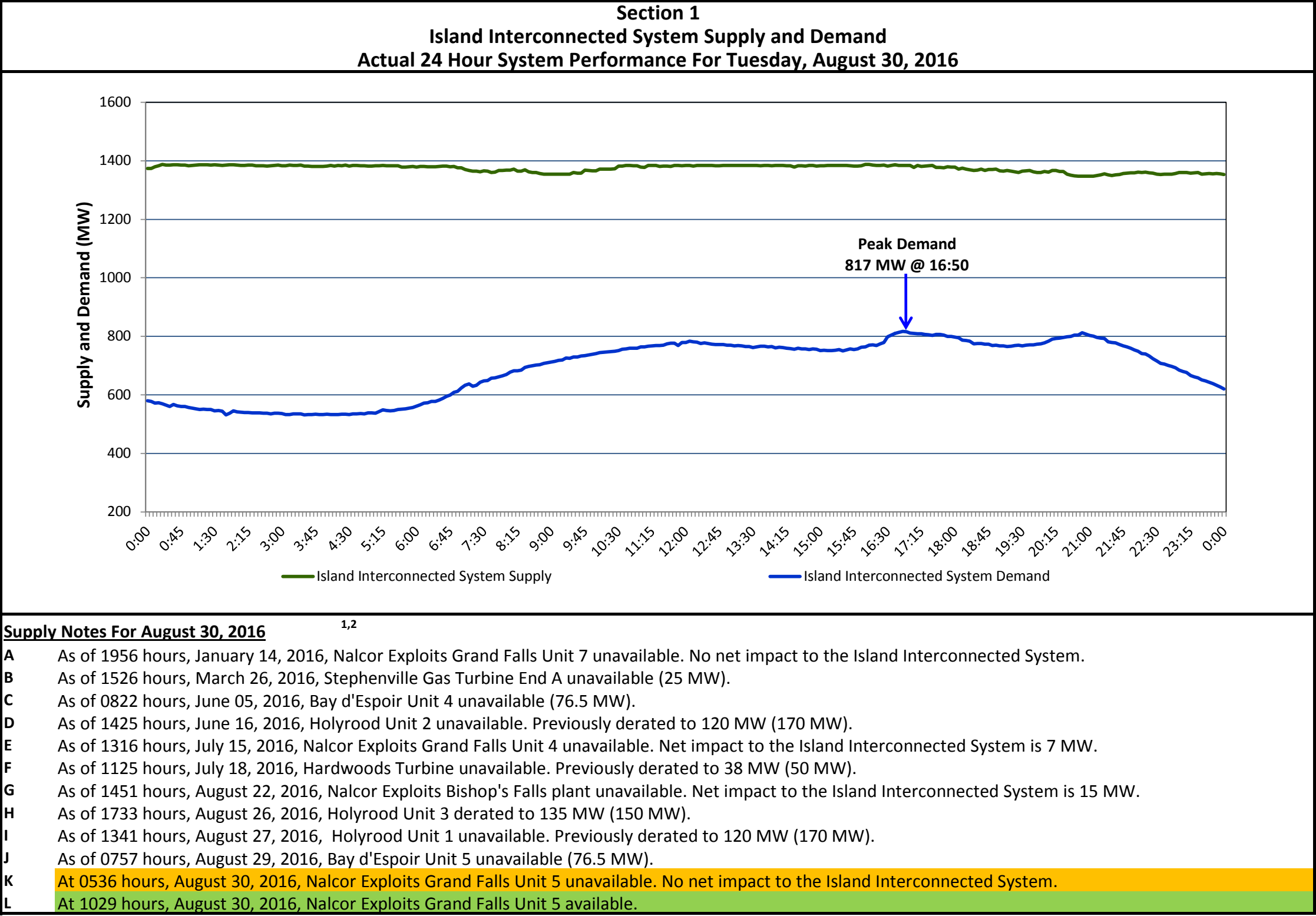


Newfoundland Labrador Hydro (NLH)

Supply and Demand Status Report Filed Wednesday, August 31, 2016 (Revised - September 01, 2016)



Section 2

Island Interconnected Supply and Demand

Wed, Aug 31, 2016			Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
					Morning	Evening	Forecast
Available Island System Supply: <sup>5</sup>	1,295	MW	Wednesday, August 31, 2016	11	14	795	
NLH Generation: <sup>4</sup>	1,040	MW	Thursday, September 01, 2016	12	10	810	
NLH Power Purchases: <sup>6</sup>	90	MW	Friday, September 02, 2016	9	10	840	
Other Island Generation:	165	MW	Saturday, September 03, 2016	11	10	800	
Current St. John's Temperature:	9	°C	Sunday, September 04, 2016	12	13	775	
Current St. John's Windchill:	N/A	°C	Monday, September 05, 2016	14	16	775	
7-Day Island Peak Demand Forecast:	840	MW	Tuesday, September 06, 2016	18	20	795	

Supply Notes For August 31, 2016

M

At 0714 hours, August 31, 2016, Cat Arm Unit 1 unavailable (67 MW).

N

At 0800 hours, August 31, 2016, Hawkes Bay Diesel Plant unavailable (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.

Section 3

Island Peak Demand Information

Previous Day Actual Peak and Current Day Forecast Peak

Tue, Aug 30, 2016	Actual Island Peak Demand <sup>8</sup>	16:50	817 MW
Wed, Aug 31, 2016	Forecast Island Peak Demand		795 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).