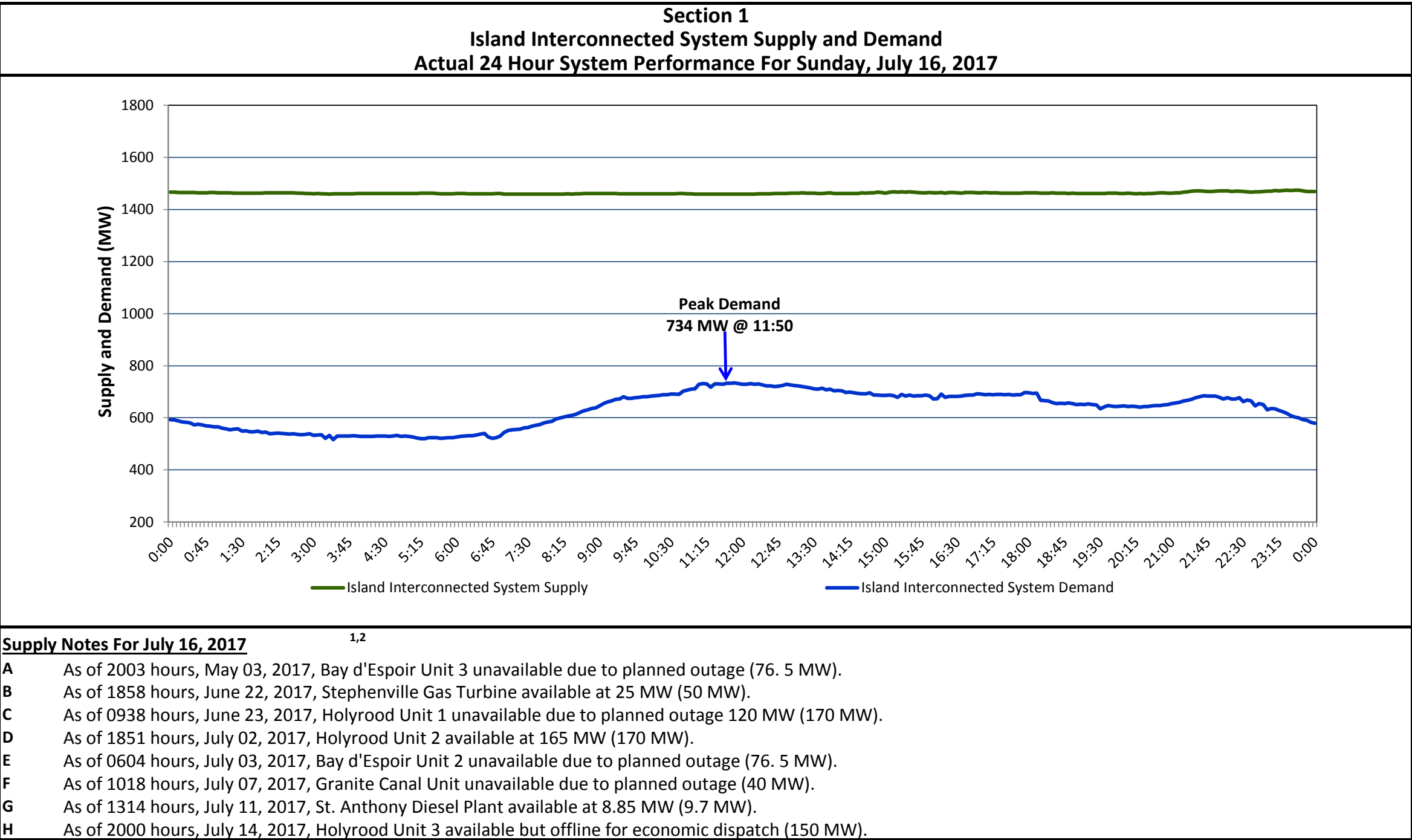


Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, July 17, 2017



Section 2  
Island Interconnected Supply and Demand

Mon, Jul 17, 2017	Island System Outlook <sup>3</sup>	Seven-Day Forecast	Temperature (°C)		Island System Daily Peak Demand (MW)
			Morning	Evening	
Available Island System Supply: <sup>5</sup>	1,455 MW	Monday, July 17, 2017	18	16	775
NLH Generation: <sup>4</sup>	1,150 MW	Tuesday, July 18, 2017	19	20	780
NLH Power Purchases: <sup>6</sup>	105 MW	Wednesday, July 19, 2017	16	18	785
Other Island Generation:	200 MW	Thursday, July 20, 2017	15	21	785
Current St. John's Temperature:	16 °C	Friday, July 21, 2017	18	17	790
Current St. John's Windchill:	N/A °C	Saturday, July 22, 2017	15	16	765
7-Day Island Peak Demand Forecast:	790 MW	Sunday, July 23, 2017	14	16	765

Supply Notes For July 17, 2017

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

Sun, Jul 16, 2017	Actual Island Peak Demand <sup>8</sup>	11:50	734 MW
Mon, Jul 17, 2017	Forecast Island Peak Demand		775 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).