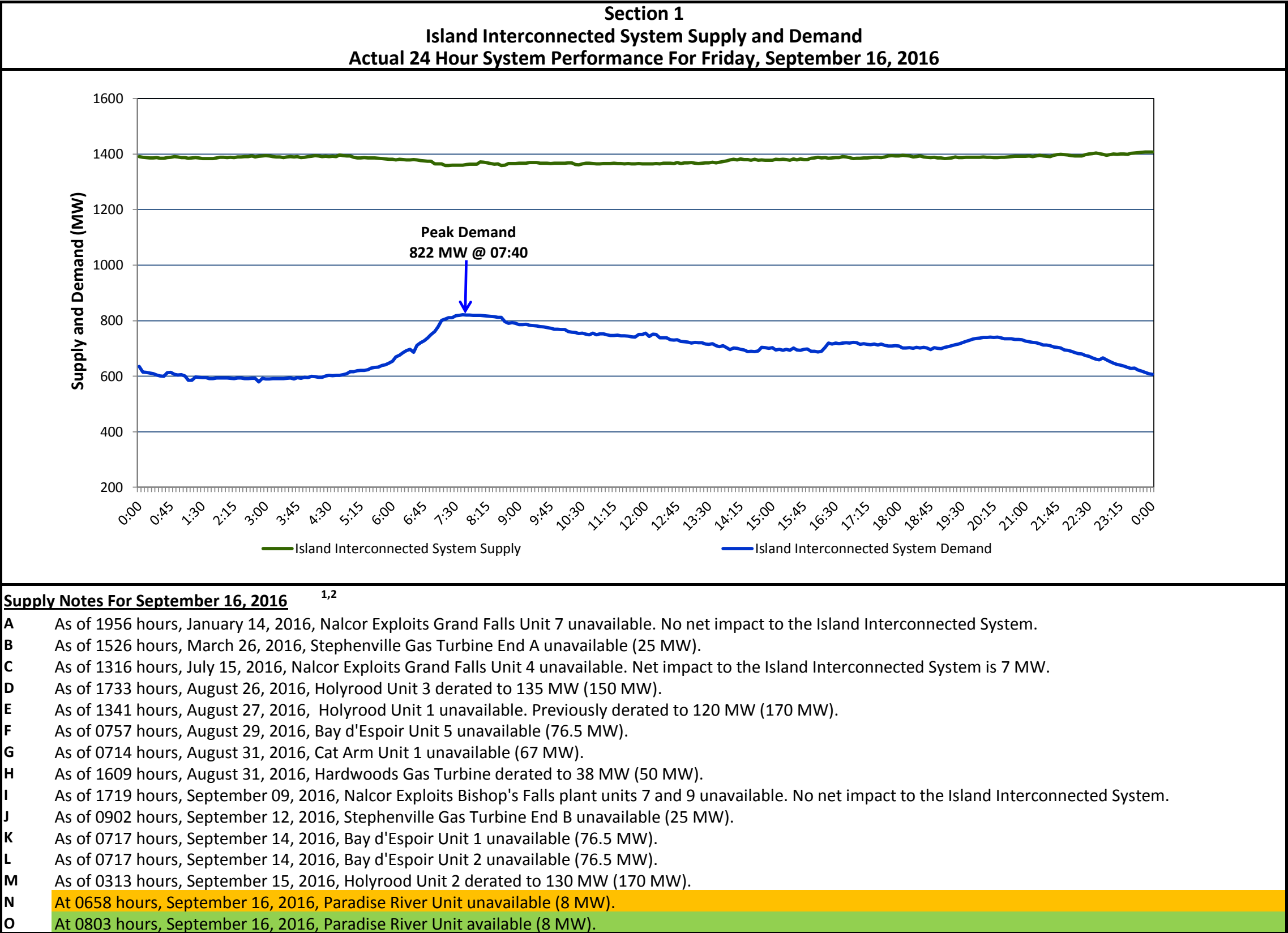


Newfoundland Labrador Hydro (NLH)  
Supply and Demand Status Report Filed Monday, September 19, 2016



Section 2  
Island Interconnected Supply and Demand

Sat, Sep 17, 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>			1,405	MW	Saturday, September 17, 2016		13	14	750	
NLH Generation: <sup>4</sup>			1,110	MW	Sunday, September 18, 2016		15	16	810	
NLH Power Purchases: <sup>6</sup>			130	MW	Monday, September 19, 2016		17	11	870	
Other Island Generation:			165	MW	Tuesday, September 20, 2016		12	11	870	
Current St. John's Temperature:			12	°C	Wednesday, September 21, 2016		14	14	815	
Current St. John's Windchill:			N/A	°C	Thursday, September 22, 2016		11	11	875	
7-Day Island Peak Demand Forecast:			895	MW	Friday, September 23, 2016		9	10	895	
<b>Supply Notes For September 17, 2016</b> <sup>3</sup>										
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

Fri, Sep 16, 2016	Actual Island Peak Demand <sup>8</sup>	07:40	822 MW
Sat, Sep 17, 2016	Forecast Island Peak Demand		750 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).			