

1 Q. Regarding Exhibit JRH-3 please provide a copy of Tables 2-1, 3-1, 3-2 and
2 3-3 for both the situation had NP left the 15 MW gas turbine on the Burin
3 Peninsula throughout the period, and the situation with the 15 MW gas
4 turbine moved elsewhere.

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7 A. As indicated in the response to IC-335 NLH, the tables in Exhibit JRH-3
8 reflect “the situation with the 15 MW gas turbine moved elsewhere.”

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10 Had NP left the 15 MW gas turbine on the Burin Peninsula throughout the
11 period; Tables 3-1 and 3-2 would be unchanged as the turbine remains
12 connected to the Island Interconnected System. The attached tables show
13 the impact of the change on Tables 2-1 and 3-3.

Table 2-1 from Exhibit JRH-3

Assuming NP left the 15 MW gas turbine on the Burin Peninsula

Generation Assets			
	Net Capacity (MW)	Energy (GWh)	
		Firm	Average
<u>GNP Interconnection</u>			
Newfoundland & Labrador Hydro			
Hawke's Bay (diesel)	5.0	--	--
Roddickton (diesel)	1.7	--	--
Roddickton (hydro)	0.4	0.7	1.0
St. Anthony (diesel)	8.0	--	--
TOTAL	15.1	0.7	1.0
<u>Doyles-Port aux Basques</u>			
Newfoundland Power			
Port aux Basques (diesel)	2.5	--	--
Port aux Basques (gas turbine)	7.2	--	--
Rose Blanche (hydro)	6.1	17.5	23.0
TOTAL	15.8	17.5	23.0
<u>Burin Peninsula</u>			
Newfoundland Power			
Greenhill (gas turbine)	25.0	--	--
Salt Pond (gas turbine)	15.0	--	--
West Brook, Lawn, & Fall Pond (hydro)	1.7	5.9	7.7
Newfoundland & Labrador Hydro			
Paradise River (hydro)	8.0	27.0	39.0
TOTAL	49.7	32.9	46.7
Newfoundland & Labrador Hydro Transmission Assets			
	Voltage (kV)	Terminal Stations (from/to)	
<u>GNP Interconnection</u>			
TL239, TL 259	138	Deer Lake	Peter's Barren
TL221	66	Peter's Barren	Hawke's Bay
TL241, TL244, TL256	138	Peter's Barren	St. Anthony Airport
TL261	69	St. Anthony Airport	St. Anthony
TL257	69	St. Anthony Airport	Roddickton
<u>Doyles-Port aux Basques</u>			
TL214	138	Bottom Brook	Doyles
TL215	66	Doyles	Grand Bay
<u>Burin Peninsula</u>			
TL212	138	Sunnyside	Linton Lake
TL219	138	Sunnyside	Salt Pond

Table 3-3 from Exhibit JRH-3

Assuming NP left the 15 MW gas turbine on the Burin Peninsula

Year	Existing plus Committed System						
	Base Case		Less GNP	Less Doyles-Port aux Basques	Less Burin Peninsula	Less GNP, Doyles-Port aux Basques and Burin Peninsula	
	LOLH hrs/yr	Energy Balance GWh	LOLH hrs/yr	LOLH hrs/yr	LOLH hrs/yr	LOLH hrs/yr	Energy Balance GWh
2003	0.6	265	0.8	0.9	1.7	3.1	214
2004	1.1	202	1.4	1.5	2.7	4.6	151
2005	1.2	194	1.6	1.6	3.0	5.1	143
2006	1.3	150	1.8	1.8	3.4	5.6	99
2007	1.6	100	2.1	2.2	4.0	6.6	49
2008	1.9	53	2.5	2.5	4.5	7.4	2
2009	2.3	(10)	3.0	3.0	5.5	9.0	(61)
2010	2.8	(88)	3.7	3.7	6.7	10.8	(138)
2011	3.5	(159)	4.6	4.6	8.1	12.9	(210)
2012	10.4	(603)	13.2	13.1	21.5	32.4	(654)