

- 1 Q. Please show the effect on Haynes Table 8 for the Island Interconnected
2 system assuming
3
4 (a) the gas turbines were retired during 2004.
5 (b) all diesel engines were retired during 2004
6 (c) all GNP loads were disconnected from the Island Interconnected
7 System,
8 (d) all GNP generation was disconnected from the Island Interconnected
9 System,
10
11 and assuming, in the alternative,
12
13 (a) all gas turbines were retired from service in 2004.
14 (b) all GNP loads were disconnected from the Island Interconnected
15 System,
16 (c) all GNP generation was disconnected from the Island Interconnected
17 System,
18 (d) All GNP generation was disconnected from the Island Interconnected
19 System
20 (e) Hydro maintained the 46 MW of Interruptible B power through the
21 entire 10 year forecast.
22
23
24 A. The attached tables show Table 8 of the Production evidence revised to
25 reflect the assumptions as noted:

<p style="text-align: center;">Island Interconnected System Near Term Capability Requirements <i>Assuming: all Gas Turbines and Diesel Units Retired in 2004, all GNP Loads Disconnected From the Island Interconnected System**, and all GNP Generation Disconnected From the Island Interconnected System</i></p>						
<u>Load Forecast</u>			<u>Existing plus Committed System</u>			
<u>Year</u>	<u>Peak</u>	<u>Energy</u>	<u>Net Capacity</u>	<u>Firm Capability</u>	<u>LOLH</u>	<u>Energy Balance</u>
	(MW)	(GWh)	(MW)	(GWh)	(Hrs/Yr)	(GWh)
2003	1,578	8,441	1,919	8,706	0.6	265
2004	1,563	8,319	1,732	8,705	14.1	386
2005	1,568	8,327	1,732	8,705	15.3	378
2006	1,574	8,372	1,732	8,705	16.9	333
2007	1,584	8,422	1,732	8,705	19.3	283
2008	1,594	8,469	1,732	8,705	21.0	236
2009	1,604	8,531	1,732	8,705	25.2	174
2010	1,614	8,606	1,732	8,705	29.8	99
2011	1,626	8,677	1,732	8,705	34.9	28
2012	1,688	9,120	1,732	8,705	85.1	(415)

** A provision for the GNP load is removed from the 2003 Planning Load Forecast in years 2004 through 2012.

<p style="text-align: center;">Island Interconnected System Near Term Capability Requirements <i>Assuming: all Gas Turbines Retired in 2004,</i> <i>all GNP Loads Disconnected From the Island Interconnected System**,</i> <i>all GNP Generation Disconnected From the Island Interconnected System, and</i> <i>46 MW Interruptible 'B' Contract with ACCC-Stephenville through 2012</i></p>						
<u>Load Forecast</u>			<u>Existing plus Committed System</u>			
<u>Year</u>	<u>Peak</u>	<u>Energy</u>	<u>Net Capacity</u>	<u>Firm Capability</u>	<u>LOLH</u>	<u>Energy Balance</u>
	(MW)	(GWh)	(MW)	(GWh)	(Hrs/Yr)	(GWh)
2003	1,578	8,441	1,919	8,706	0.6	265
2004	1,563	8,319	1,739	8,705	12.3	386
2005	1,568	8,327	1,739	8,705	13.5	378
2006	1,574	8,372	1,739	8,705	14.9	333
2007	1,584	8,422	1,739	8,705	17.3	283
2008	1,594	8,469	1,739	8,705	19.1	236
2009	1,604	8,531	1,739	8,705	23.2	174
2010	1,614	8,606	1,739	8,705	27.9	99
2011	1,626	8,677	1,739	8,705	33.8	28
2012	1,688	9,120	1,739	8,705	81.8	(415)

** A provision for the GNP load is removed from the 2003 Planning Load Forecast in years 2004 through 2012.