Q. With regard to the response to CA 61 NLH (d), please provide a breakdown
of the forecast \$5 million increase in the cost of fuel in terms of the number of
barrels forecast to be consumed and the average price per barrel for each of
the years 2005 through 2010.

- 5 6
- 7 A. The five-year fuel difference of approximately \$5 million is comprised of
- 8 changes in Island Interconnected and Isolated Systems fuel:
- 9

	Actual		5-Year				
	2005	2006	2007	2008	2009	2010	Difference
Island Interconnected:							
Holyrood	80.9	123.0	120.8	130.6	132.9	139.7	
Gas turbines and diesel	0.3	0.4	0.4	0.6	0.6	0.8	
	81.2	123.4	121.2	131.2	133.5	140.5	
Rural energy ratio	6%	6%	6%	6%	6%	6%	
Rural Island Interconnected Fuel	5.0	7.7	7.5	8.1	8.1	8.5	3.5
Isolated Systems	9.5	10.8	10.5	10.4	10.5	10.6	1.1
Total Rural Fuel	14.5	18.5	18.0	18.5	18.6	19.1	4.6

## Rural Fuel Expense \$ millions

10 11

12 The 2006 forecast increase in Isolated Systems diesel fuel expense is 13 primarily due to the forecast acquisition of Natuashish (\$1.6 million).

14

Forecast fuel prices were derived from the PIRA Energy Group's Short-Term Oil Price Forecast of October 28, 2005 and its Long-Term Oil Price Forecast of September 21, 2005, Revised. Prices and quantities are shown in the following table. Average cost per barrel for No. 6 (Holyrood) fuel reflects the combined impacts of opening inventory price and quantity and fuel purchases for the year.

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## **Fuel Prices and Quantities**

	Actual	Forecast						
	2005	2006	2007	2008	2009	2010		
No. 6 1% sulphur content								
Average purchase price (\$/bbl)	42.65	45.00	45.15	47.45	48.05	48.35		
Average cost per barrel (\$/bbl)	37.59	48.64	44.63	47.06	47.95	48.31		
Number of barrels (000)	2,136	2,524	2,703	2,773	2,769	2,889		
No. 2								
Average cost (\$/litre)	0.664	0.648	0.625	0.614	0.609	0.609		
Number of litres (000)	14,262	16,324	16,536	16,687	16,849	17,032		