

1 Q. Provide the detailed calculations to derive the 2004 fuel conversion factor of
2 624 kWh per barrel (Production evidence, Schedule VII).

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5 A. The Holyrood fuel conversion factor is the weighted average conversion
6 factor for the period 1996 to 2002. This period was chosen because in 1995
7 Hydro put a computer system in place at Holyrood designed to assist the
8 operator to optimize unit performance and it represents the performance
9 since that time.

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11 The following table provides the data used to determine the 624 kWh/bbl
12 conversion factor.

**Holyrood Conversion Factor
(1996 to 2002)**

Year	Net Energy Produced	No. 6 Fuel Consumed	Conversion Factor
	(GWh)	(Barrels)	(kWh/bbl)
1996	1,403.596	2,297,258	611.0
1997	1,531.301	2,432,538	629.5
1998	1,263.264	2,041,605	618.8
1999	919.802	1,593,932	577.1
2000	970.283	1,591,586	609.6
2001	2,098.490	3,315,853	632.9
2002	2,385.262	3,678,183	648.5
Total	10,571.998	16,950,955	623.7