Q. Provide the details by plant and in aggregate of the water to energy conversion factors used in the derivation of the 2004 forecast of 4,582 GWh hydroelectric generation based on a 30-year average (Production evidence, Table 7, page 30).

A. See the following table. Note that while the aggregate conversion factor has been provided, Hydro does not use such a number.

Year	Bay d'Espoir		Hind's Lake		Upper Salmon		Cat Arm		Paradise River	
	Net Production (GWh)	Turbine Use (Mm^3)	Net Production (GWh)	Turbine Use (Mm^3)	Net Production (GWh)	Turbine Use (Mm^3)	Net Production (GWh)	Turbine Use (Mm^3)	Net Production (GWh)	Turbine Use (Mm^3)
1989									24	257
1990	Economic dispatch not implemented								38	437
1991	2,635	6,047							32	359
1992	2,613	5,986	308	576	559	4,318	705	785	31	318
1993	2,815	6,481	354	662	552	4,287	667	752	45	477
1994	3,282	7,643	459	851	658	5,189	603	670	34	376
1995	2,588	5,984	403	748	552	4,204	808	902	35	390
1996	2,786	6,423	352	662	598	4,522	793	874	37	402
1997	2,846	6,590	407	753	599	4,593	735	809	35	380
1998	2,609	6,042	409	762	554	4,250	650	719	32	358
1999	3,088	7,150	354	659	649	5,048	675	772	38	417
2000	3,115	7,193	388	718	637	5,037	837	928	36	402
2001	2,392	5,508	315	584	532	4,122	684	746	29	316
2002	2,352	5,387	360	664	491	3,698	746	820	32	351
Totals	***33,121***	***76,433***	***4,109***	***7,638***	***6,380***	***49,269***	***7,903***	***8,776***	***479***	***5,240***
Conversion Factor (GWh/Mm^3)	***0.4333***		***0.5380***		***0.1295***		***0.9005***		***0.0913***	
Aggregate Conversion Factor (GWh/Mm^3)	***0.3528***									