Q. Further to NP-44, provide details of any changes in annual energy production capabilities since the in-service date for each of Hydro's hydraulic plants shown on HGB, Schedule IX. For each change, identify the year in which it was implemented.

A. The following table provides the annual average and firm energy production capabilities from 1992 to present for Hydro's hydraulic generating plants. Information prior to this period is not readily available.

Annual Energy Capability by Plant
1992-2001
(Values in GWh)

	Year	Bay d'Espoir	Upper Salmon	Hinds Lake	Cat Arm	Paradise River	Mini Hydro
1992	Average	2541	541	342	745	36	7
	Firm	2211	418	287	620	25	5
1993	Average	2535	541	340	735	38	7
	Firm	2211	418	287	617	26	5
1994	Average	2535	541	340	735	38	7
	Firm	2211	418	287	617	26	5
1995	Average	2535	541	340	735	38	7
	Firm	2211	418	287	617	26	5
1996	Average	2570	543	341	742	39	7
	Firm	2216	420	286	613	27	5
1997	Average	2570	543	341	742	39	7
	Firm	2226	474	286	613	27	5
1998	Average	2587	549	339	736	39	7
	Firm	2234	476	283	605	27	5
1999	Average	2587	549	339	736	39	7
	Firm	2234	476	283	605	27	5
2000	Average	2600	552	340	737	39	7
	Firm	2234	476	283	605	27	5
2001	Average	2598	552	340	735	39	7
	Firm	2234	476	283	605	27	5

Average annual hydraulic production capabilities may change with the addition of new hydrologic or inflow data combined with water-to-energy factor experience. New hydrologic information is included in the long term average water availability for each plant.

Firm hydraulic production capabilities may change as a result of changes to water-to-energy conversion factors. The firm hydrologic period does not normally change.

A review of annual production capabilities is made each year, however, average and firm capabilities are only updated when significant differences are observed.

Of note, Upper Salmon's firm energy capability changed from 420 GWh in 1996 to 474 GWh in 1997. This is primarily due to a change in the firm definition. The new figure was based on the same firm water cycle used for Bay d'Espoir.