

Manitoba Hydro Undertaking #34

Provide a chart comparable to that in TAB 43 (pg. 106) setting out the April 1, November 1 and peak day levels of energy in storage for the 3 reservoirs (Lake Winnipeg, Cedar Lake and Southern Indian Lake).

Potential Energy in Reservoir Storage (EIS) on April 1st, the annual maximum, and on October 31st for the major reservoirs controlled by Manitoba Hydro are provided in the following table. The values provided reflect the combined storage in Lake Winnipeg, Cedar Lake and Southern Indian Lake.

Fiscal Year	April 1st		Annual Maximum		October 31st	
	EIS* (TWh)	Lake Winnipeg Elev.** (ft)	EIS* (TWh)	Lake Winnipeg Elev.** (ft)	EIS* (TWh)	Lake Winnipeg Elev.** (ft)
1977/78	2.4	711.8	4.4	712.7	4.0	711.7
1978/79	3.8	712.7	10.3	714.6	9.7	714.3
1979/80	5.9	713.9	12.3	715.7	8.9	714.0
1980/81	6.2	713.6	9.1	714.1	7.3	713.6
1981/82	4.6	712.5	7.2	713.5	5.6	712.8
1982/83	3.5	712.8	9.6	714.6	7.6	713.6
1983/84	5.1	713.6	9.9	714.7	7.2	713.5
1984/85	4.5	713.2	8.1	714.1	6.0	713.2
1985/86	3.5	712.8	10.5	715.0	10.4	714.8
1986/87	7.2	714.5	10.9	715.1	8.4	713.6
1987/88	5.2	713.2	8.6	714.4	6.0	713.0
1988/89	3.0	712.0	5.6	712.5	3.5	711.8
1989/90	2.0	711.9	6.4	713.4	4.8	712.5
1990/91	2.6	712.0	8.9	714.0	5.6	712.9
1991/92	2.5	712.2	6.1	712.8	4.5	712.0
1992/93	4.3	712.0	10.2	714.6	9.0	714.3
1993/94	6.1	713.2	11.3	715.0	9.8	714.4
1994/95	6.0	713.9	9.4	714.5	7.1	713.4
1995/96	5.3	713.4	9.1	714.3	7.2	713.0
1996/97	4.5	713.0	11.0	715.0	8.3	713.6
1997/98	6.2	713.9	11.9	715.7	9.9	714.4
1998/99	7.6	714.0	10.9	714.9	7.3	713.3
1999/00	5.1	712.6	9.4	714.4	7.6	713.4
2000/01	5.3	713.5	9.6	714.7	7.8	713.8
2001/02	5.7	713.3	10.2	715.0	7.2	713.4
2002/03	4.0	712.4	8.4	714.2	6.5	713.1
2003/04	2.8	712.2	4.5	712.2	3.9	711.7

Fiscal Year	April 1st		Annual Maximum		October 31st	
	EIS* (TWh)	Lake Winnipeg Elev.** (ft)	EIS* (TWh)	Lake Winnipeg Elev.** (ft)	EIS* (TWh)	Lake Winnipeg Elev.** (ft)
2004/05	4.5	712.2	10.8	714.8	10.4	714.6
2005/06	8.2	714.3	14.5	716.6	10.5	714.7
2006/07	7.8	714.2	10.4	714.8	6.8	713.0
2007/08	4.0	712.6	11.1	715.0	8.6	713.8
2008/09	6.5	714.1	10.9	715.1	9.3	714.4
2009/10	6.7	713.8	11.8	715.5	9.6	714.4
2010/11	6.7	713.6	12.3	715.6	11.7	715.2
Average	5.0		9.6		7.6	

Notes:

* Energy in Storage numbers assume Limestone generating station is in service.

** Wind eliminated elevation on Lake Winnipeg Datum (1960 GS of Canada at Berens River)