

Pollution Probe INTERROGATORY # 2 List 1

Interrogatory

Issue Number: 1.0

Issue: Project Need and Justification

Ref. B/Tab 1/Sch 1

For each year from 1984 to the present, please state:

- a) the annual output (MWh) of the Bruce Nuclear Station;
- b) the peak hour output (MW) of the Bruce Nuclear Station;
- c) the average annual capacity factor of the Bruce Nuclear Station; and
- d) the average annual capacity factor for each unit of the Bruce Nuclear Station.

Response

Please see Exhibit C, Tab 2, Schedule 1 Attachment A for information Hydro One has received from Bruce Power regarding items a) and c) above for the period from January, 1984 to market opening in May, 2002. This material is being provided in respect of the Board's Order of April 7, 2008 concerning Historic Information. With respect to items b) and d), Bruce Power has advised that they do not have this information. OPG has also advised that it does not have any of the requested data.

The production data requested from market opening to the present is as follows:

a) to c)

	Bruce A				Bruce B		
Year	Annual Output (MWh)	Peak Hourly Output (MW)	Average Annual Capacity Factor (%)		Annual Output (MWh)	Peak Hourly Output (MW)	Average Annual Capacity Factor (%)
2002					14,222,719	3,179	76
2003	909,164	716	81		23,788,282	3,237	85
2004	10,468,173	1,514	77		23,492,341	3,220	83
2005	10,448,007	1,521	77		22,699,224	3,237	77
2006	10,768,517	1,558	80		25,915,270	3,292	88
2007	10,470,060	1,553	76		25,388,887	3,282	86
2008	1,103,638	1,496	94		2,274,749	3,324	91

d) The average annual capacity factory for each unit at the Bruce Nuclear Station is as follows:

Year	Bruce A Units					Bruce B Units			
	Avg. Annual Capacity Factor (%)					Avg. Annual Capacity Factor (%)			
	1	2	3	4		1	2	3	4
2002						98	51	55	99
2003				81		76	97	96	71
2004			74	81		85	75	92	82
2005			73	82		74	77	69	99
2006			81	79		97	95	93	76
2007			73	78		94	69	96	90
2008			92	96		97	96	86	85