

Manitoba Hydro Undertaking #8

MH to calculate the total cost of ownership on the computers over the period 2004/05 to 2011/12. Data presented corporate wide as well as on a per user basis

Please see attached table.

Manitoba Hydro
Total Cost of Ownership on the Computers
Period of coverage 2004/05 to 2011/12

	Actual						Outlook	Projection
	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12
Capital cost (depreciation)	\$3,769,077	\$3,581,773	\$3,298,040	\$3,153,503	\$3,469,717	\$3,598,295	\$3,624,466	\$3,777,839
Labour - support	3,140,419	3,174,135	3,181,073	3,394,804	3,868,678	3,994,833	4,000,000	4,140,000
Maintenance - hardware/software and other expenditures	1,737,411	1,925,737	1,731,508	1,975,794	1,934,535	1,717,239	1,800,000	2,200,000
Total Cost of Ownership	\$8,646,907	\$8,681,646	\$8,210,620	\$8,524,101	\$9,272,930	\$9,310,367	\$9,424,466	\$10,117,839
Personal Computers (P.C.)	5,491	5,524	5,589	5,689	6,064	6,321	6,594	6,794
Total Cost of Ownership per P.C.	\$1,575	\$1,572	\$1,469	\$1,498	\$1,529	\$1,473	\$1,429	\$1,489

Manitoba Hydro Average life of P.C.'s in fiscal year 2010/11			
Manitoba Hydro		Gartner recommendation	
Laptops	5.5 years	Laptops	3 years
Desktops	6.4 years	Desktops	5 years purchased 2005 and earlier
		Desktops	4 years purchased 2006 and later

Notes:

-Total cost of ownership is calculated using a homogeneous P.C. including the operating system, office software, procurement, setup and disposal expenditures, user support costs and anti virus.

-Personal Computers (P.C.) includes desktops and laptops which machines use the windows, apple, and unix operating systems.

-2011/12 maintenance increasing \$400,000 resulting mainly from increased software licensing costs.

-Capital cost incrementing from 2008 to 2012 to accommodate incremental new P.C.'s in trucks (increasing field productivity).