



Electric Power Generation, Transmission and Distribution

2004



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Electric Power Generation, Transmission and Distribution

2004

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.	not available for any reference period
..	not available for a specific reference period
...	not applicable
0	true zero or a value rounded to zero
0 ^s	value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
P	preliminary
r	revised
x	suppressed to meet the confidentiality requirements of the <i>Statistics Act</i>
E	use with caution
F	too unreliable to be published

Metric measures

TW.h. (terawatt-hour) = Watt-hour x 10¹²

GW.h. (gigawatt-hour) = Watt-hour x 10⁹

MW.h. (megawatt-hour) = Watt-hour x 10⁶

KW.h. (kilowatt-hour) = Watt-hour x 10³

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Highlights

Electricity Generation

In 2004, net electricity generation (total generation less energy used in generating station service) increased 1.4% to 577 467 GW.h. Of the total electricity generated, 542 504 GW.h was for use in Canada, an increase of 0.8% from 2003. The remaining 34 963 GW.h was exported, an increase of 11.7% from the previous year. The electric power industry represents 2.0 per cent of Canada's Gross Domestic Product.

Hydro is the main source (58 per cent) of electricity generation in Canada. Hydro stations produced 336 660 GW.h, up 1% from 2003. Generation from nuclear sources increased 20.6% from 2003 to 85 240 GW.h. Production from conventional steam plants decreased by 8.6% to 129 697 GW.h.

Domestic demand for electricity (including self-generated electricity) increased 0.5 per cent to 565 346 GW.h in 2004. Residential use increased 2.5 per cent to 150 977 GW.h. Industrial use decreased 0.3 per cent to 229 942 GW.h.

Sales

Total domestic sales of electricity to ultimate customers decreased 0.04% in 2004 to 478 372 GW.h. Revenue received from sales totalled \$32,561 million, down 0.1% from 2003. As a means of comparison, the Consumer Price Index for electricity declined by 4.1 per cent during the same period.

Revenues per kilowatt-hour for residential and agricultural sales for 2004 are 8.10 cents, up 4.8% from 2003. Revenues range from 5.70 cents per kilowatt-hour in Manitoba to 32.56 cents per kilowatt-hour in the Northwest Territories and Nunavut.

Financial Data

Operating revenues of electric utilities increased 1.6% in 2004 to \$49,862 million reflecting higher prices to non-ultimate customers. Operating expenses increased 0.1% to \$39,654 million reflecting higher cost of salaries and benefits. Electric utilities registered a net income of \$5,226 million in 2004, up 59.4% from 2003.

Total assets stood at \$161,596 million, up 3.5% from a year earlier. The current ratio (current assets over current liabilities) is down 0.1 per cent to 0.76. Long term debt is 46.7 per cent of total assets, down from 48.9% in 2003.

There were 76,291 persons employed by electric utilities in 2004, a decrease of 0.1% from the previous year. Wages and salaries increased 3.9 per cent for a total wage bill of \$5,404 million in 2004. Publicly operated utilities reported total wages and salaries of \$4,691 million, while private utilities reported \$713 million.

Cost of fuels

While generation by electric utility thermal plants increased 2.1%, their expenditures on fuel decreased 12.7% in 2004 to \$3,776 million. Price decreases led to a 5.5% decrease in expenditures on natural gas to \$1,420 million. The amount spent on petroleum products decreased 25.9% to \$654 million. Expenditures on coal decreased 16.3% to \$1,357 million. The average delivered efficiency of thermal plants is 30.8%.

It should be noted that the values presented above have been taken from Table 6. They may differ from values appearing in Table 8 due to collection period differences, accounting procedures (e.g. royalties paid on coal production are included in Table 6 but shown as a separate item on Table 8) and fuel usage (e.g. production of steam for sale).

Generating Capacity

Total generating capacity in Canada at the end of 2004 reached 120 766 MW, an increase of 1.9% from the 2003 level of 118 516 MW. In 2004, utilities' generating capacity totalled 112 349 MW, while industry reported 8 417 MW. New stations totalled 994 MW in 2004.

Notes

1. Table 3 has undergone two major changes since 1986.
 - (a) The first of these involves the amount of energy received by industrial generators from utilities. In past year all receipts were recorded, but starting in 1986 only those receipts necessary to fulfil outside commitments are shown. Consequently, the line "Used by producers" has been greatly reduced as it represents only that energy "used" from own production. This reduction is balanced by an equal increase in utility sales to mining and manufacturing. Table 10 is not affected.
 - (b) The consumption categories employed in this publication do not equate with the rate structures

- of the utilities. Respondents have been requested to classify their customers according to these consumption categories. Because of the ongoing nature of the task of upgrading the accuracy of this classification, there may be a certain lack of uniformity in these statistical series through time.
2. In Table 7, beginning in 1996, the current portion of a sinking fund is now reported as an asset, while the sinking fund is reported as part of long-term debt. This change in financial reporting was recommended by the Canadian Institute of Chartered Accountants.
 3. In Table 3 and in Table 8, receipts and deliveries from the Power Pool of Alberta are treated as sales and purchases. Some companies only report the net transaction of their generation and distribution arms in their annual reports.
 4. On April 1, 2000, the Nunavut Territory was created from the eastern part of the Northwest Territories. The western part kept the name Northwest Territories. A breakdown of the various tables between Nunavut and the Northwest Territories for 2000 is available free upon request.

Table 1
Installed generating nameplate capacity, by province or territory and type of organization, 2004 (continued)

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
	kilowatts						
Utilities and industries							
Hydro	70,857,510	6,776,784	0	403,750	927,770	35,074,848	8,443,947
Wind and tidal	447,930	0	13,560	8,560	0	113,250	14,610
Thermal	49,460,924	717,525	107,550	2,000,925	3,505,438	2,580,628	24,471,631
Steam	28,476,015	490,000	67,100	1,680,625	2,282,400	878,428	11,128,530
Nuclear	12,805,000	0	0	0	680,000	675,000	11,450,000
Internal combustion	714,633	34,525	0	0	14,338	125,950	82,170
Combustion turbine	7,465,276	193,000	40,450	320,300	528,700	901,250	1,810,931
Total installed capacity	120,766,364	7,494,309	121,110	2,413,235	4,433,208	37,768,726	32,930,188
Percentage of total for Canada	100.00	6.21	0.10	2.00	3.67	31.27	27.27
Total installed capacity, 2003	118,515,989	7,493,023	121,110	2,370,575	4,420,708	37,705,048	31,382,092
Percentage change from 2003	1.90	0.02	0.00	1.80	0.28	0.17	4.93
Public utilities							
Hydro	62,011,993	6,407,520	0	0	883,330	31,440,568	7,094,377
Wind and tidal	27,480	0	10,560	0	0	2,250	2,400
Thermal	28,202,813	674,025	0	0	3,085,438	2,267,150	16,248,250
Steam	17,687,400	490,000	0	0	2,032,400	600,000	9,729,000
Nuclear	7,795,000	0	0	0	680,000	675,000	6,440,000
Internal combustion	386,403	34,025	0	0	14,338	121,950	31,850
Combustion turbine	2,334,010	150,000	0	0	358,700	870,200	47,400
Total installed capacity	90,242,286	7,081,545	10,560	0	3,968,768	33,709,968	23,345,027
Percentage of total for Canada	100.00	7.85	0.00	0.00	4.40	37.35	25.87
Total installed capacity, 2003	89,866,649	7,080,675	10,560	0	3,931,268	33,655,690	23,271,357
Percentage change from 2003	0.42	0.01	0.00	0.00	0.95	0.16	0.32
Private utilities							
Hydro	4,406,960	252,214	0	398,750	31,640	970,980	1,072,960
Wind and tidal	420,450	0	3,000	8,560	0	111,000	12,210
Thermal	17,279,553	500	107,550	1,954,665	260,000	173,250	7,328,016
Steam	8,444,077	0	67,100	1,634,365	90,000	138,200	886,200
Nuclear	5,010,000	0	0	0	0	0	5,010,000
Internal combustion	186,210	500	0	0	0	4,000	40,285
Combustion turbine	3,639,266	0	40,450	320,300	170,000	31,050	1,391,531
Total installed capacity	22,106,963	252,714	110,550	2,361,975	291,640	1,255,230	8,413,186
Percentage of total for Canada	100.00	1.14	0.50	10.68	1.32	5.68	38.06
Total installed capacity, 2003	19,941,993	252,298	110,550	2,309,315	291,640	1,245,830	6,735,765
Percentage change from 2003	10.86	0.16	0.00	2.28	0.00	0.75	24.90
Industries							
Hydro	4,438,557	117,050	0	5,000	12,800	2,663,300	276,610
Wind and tidal	0	0	0	0	0	0	0
Thermal	3,978,558	43,000	0	46,260	160,000	140,228	895,365
Steam	2,344,538	0	0	46,260	160,000	140,228	513,330
Nuclear	0	0	0	0	0	0	0
Internal combustion	142,020	0	0	0	0	0	10,035
Combustion turbine	1,492,000	43,000	0	0	0	0	372,000
Total installed capacity	8,417,115	160,050	0	51,260	172,800	2,803,528	1,171,975
Percentage of total for Canada	100.00	1.90	0.10	0.61	2.05	33.31	13.92
Total installed capacity, 2003	8,707,347	160,050	0	61,260	197,800	2,803,528	1,374,970
Percentage change from 2003	-3.33	0.00	0.00	-16.32	-12.64	0.00	-14.76

Table 1
Installed generating nameplate capacity, by province or territory and type of organization, 2004

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	kilowatts						
Utilities and industries							
Hydro	5,028,968	853,160	878,708	12,359,405	76,700	33,470	0
Wind and tidal	0	21,780	275,360	0	810	0	0
Thermal	503,205	2,921,980	10,242,792	2,199,504	44,750	110,721	54,275
Steam	119,500	2,270,950	7,808,332	1,750,150	0	0	0
Nuclear	0	0	0	0	44,750	0	0
Internal combustion	9,995	10,030	188,925	63,354	0	86,321	54,275
Combustion turbine	373,710	641,000	2,245,535	386,000	0	24,400	0
Total installed capacity	5,532,173	3,796,920	11,396,860	14,558,909	122,260	144,191	54,275
Percentage of total for Canada	4.58	3.14	9.44	12.06	0.10	0.12	0.04
Total installed capacity, 2003	5,519,955	3,796,920	11,148,020	14,254,251	125,130	109,460	69,697
Percentage change from 2003	0.22	0.00	2.23	2.14	-2.29	31.73	-22.13
Public utilities							
Hydro	5,028,968	853,160	52,200	10,143,000	75,400	33,470	0
Wind and tidal	0	10,560	900	0	810	0	0
Thermal	481,205	2,325,500	1,904,825	1,089,804	36,000	36,341	54,275
Steam	97,500	2,021,500	1,767,000	950,000	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	9,995	0	5,725	46,804	36,000	31,441	54,275
Combustion turbine	373,710	304,000	132,100	93,000	0	4,900	0
Total installed capacity	5,510,173	3,189,220	1,957,925	11,232,804	112,210	69,811	54,275
Percentage of total for Canada	6.11	3.53	2.17	12.45	0.12	0.08	0.06
Total installed capacity, 2003	5,497,955	3,189,220	1,960,225	11,033,704	115,240	66,480	54,275
Percentage change from 2003	0.22	0.00	-0.12	1.80	-2.63	5.01	0.00
Private utilities							
Hydro	0	0	825,058	854,058	1,300	0	0
Wind and tidal	0	11,220	274,460	0	0	0	0
Thermal	0	482,000	6,547,892	388,450	8,750	28,480	0
Steam	0	145,000	5,286,212	197,000	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	0	0	95,745	8,450	8,750	28,480	0
Combustion turbine	0	337,000	1,165,935	183,000	0	0	0
Total installed capacity	0	493,220	7,647,410	1,242,508	10,050	28,480	0
Percentage of total for Canada	0.00	2.23	34.59	5.62	0.05	0.13	0.00
Total installed capacity, 2003	0	493,220	7,387,155	1,104,850	9,890	1,480	0
Percentage change from 2003	0.00	0.00	3.52	12.46	1.62	1,824.32	0.00
Industries							
Hydro	0	0	1,450	1,362,347	0	0	0
Wind and tidal	0	0	0	0	0	0	0
Thermal	22,000	114,480	1,790,075	721,250	0	45,900	0
Steam	22,000	104,450	755,120	603,150	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	0	10,030	87,455	8,100	0	26,400	0
Combustion turbine	0	0	947,500	110,000	0	19,500	0
Total installed capacity	22,000	114,480	1,791,525	2,083,597	0	45,900	0
Percentage of total for Canada	0.26	1.36	21.28	24.75	0.00	0.55	0.00
Total installed capacity, 2003	22,000	114,480	1,800,640	2,115,697	0	41,500	15,422
Percentage change from 2003	0.00	0.00	-0.51	-1.52	0.00	10.60	-100.00

Table 2
Generation of electric energy, 2004 (continued)

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
	megawatt hour						
Electric utilities and industry							
Hydro	336,659,556	39,589,147	0	897,189	3,013,367	166,572,168	39,498,038
Wind and tidal	971,873	0	34,703	28,961	0	186,783	25,110
Thermal	239,835,499	1,965,601	12,825	11,661,249	17,758,931	8,191,832	116,346,796
Steam	129,696,570	1,648,736	12,317	11,532,806	12,271,610	2,836,560	32,489,815
Nuclear	85,239,845	0	0	0	4,298,814	4,877,718	76,063,313
Internal combustion	1,124,925	52,629	104	0	2,630	260,655	84,256
Combustion turbine	23,774,159	264,236	404	128,443	1,185,877	216,899	7,709,412
Total energy generated	577,466,928	41,554,748	47,528	12,587,399	20,772,298	174,950,783	155,869,944
Percentage of total for Canada	100.0	7.2	0.0	2.2	3.6	30.3	27.0
Electric utilities							
Hydro	303,591,014	38,101,914	0	864,526	2,954,100	146,157,421	38,083,122
Wind and tidal	970,368	0	34,703	28,961	0	186,783	25,110
Thermal	224,801,464	1,696,161	12,825	11,463,712	16,672,341	7,484,293	113,922,920
Steam	118,821,953	1,648,736	12,317	11,335,269	11,185,020	2,129,021	30,868,200
Nuclear	85,239,845	0	0	0	4,298,814	4,877,718	76,063,313
Internal combustion	836,558	52,629	104	0	2,630	260,655	40,455
Combustion turbine	19,903,108	-5,204	404	128,443	1,185,877	216,899	6,950,952
Total energy generated	529,362,846	39,798,075	47,528	12,357,199	19,626,441	153,828,497	152,031,152
Percentage of total for Canada	100.0	7.5	0.0	2.3	3.7	29.1	28.7
Industry							
Hydro	33,068,542	1,487,233	0	32,663	59,267	20,414,747	1,414,916
Wind and tidal	1,505	0	0	0	0	0	0
Thermal	15,034,035	269,440	0	197,537	1,086,590	707,539	2,423,876
Steam	10,874,617	0	0	197,537	1,086,590	707,539	1,621,615
Nuclear	0	0	0	0	0	0	0
Internal combustion	288,367	0	0	0	0	0	43,801
Combustion turbine	3,871,051	269,440	0	0	0	0	758,460
Total energy generated	48,104,082	1,756,673	0	230,200	1,145,857	21,122,286	3,838,792
Percentage of total for Canada	100.0	3.7	0.0	0.5	2.4	43.9	8.0

Table 2
Generation of electric energy, 2004

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	megawatt hour						
Electric utilities and industry							
Hydro	27,219,340	2,746,393	1,876,384	54,652,337	305,994	289,199	0
Wind and tidal	0	73,634	622,205	0	477	0	0
Thermal	483,822	16,616,673	58,917,058	7,326,767	23,691	390,809	139,445
Steam	472,474	15,232,366	48,201,664	4,998,222	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	11,348	7,262	157,206	102,330	23,691	283,369	139,445
Combustion turbine	0	1,377,045	10,558,188	2,226,215	0	107,440	0
Total energy generated	27,703,162	19,436,700	61,415,647	61,979,104	330,162	680,008	139,445
Percentage of total for Canada	4.8	3.4	10.6	10.7	0.1	0.1	0.0
Electric utilities							
Hydro	27,219,340	2,746,393	1,876,384	45,023,675	305,994	258,145	0
Wind and tidal	0	73,634	620,700	0	477	0	0
Thermal	366,139	16,012,976	53,906,382	2,994,323	23,691	106,256	139,445
Steam	354,791	14,635,529	45,098,382	1,554,688	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	11,348	402	140,193	58,750	23,691	106,256	139,445
Combustion turbine	0	1,377,045	8,667,807	1,380,885	0	0	0
Total energy generated	27,585,479	18,833,003	56,403,466	48,017,998	330,162	364,401	139,445
Percentage of total for Canada	5.2	3.6	10.7	9.1	0.1	0.1	0.0
Industry							
Hydro	0	0	0	9,628,662	0	31,054	0
Wind and tidal	0	0	1,505	0	0	0	0
Thermal	117,683	603,697	5,010,676	4,332,444	0	284,553	0
Steam	117,683	596,837	3,103,282	3,443,534	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	0	6,860	17,013	43,580	0	177,113	0
Combustion turbine	0	0	1,890,381	845,330	0	107,440	0
Total energy generated	117,683	603,697	5,012,181	13,961,106	0	315,607	0
Percentage of total for Canada	0.2	1.3	10.4	29.0	0.0	0.7	0.0

Table 3
Supply and disposition of electric energy, electric utilities and industry, 2004 (continued)

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
	megawatt hour						
Total net generation	577,466,928	41,554,748	47,528	12,587,399	20,772,298	174,950,783	155,869,944
Total received from other provinces	...	15,598	1,254,690	131,578	282,147	37,318,084	5,986,167
Purchased	...	15,598	1,254,690	131,578	282,147	37,318,084	5,986,167
Exchanged	...	0	0	0	0	0	0
Total imported	22,842,050	0	0	40,146	44,384	3,459,812	7,983,804
Purchased	22,482,109	0	0	40,146	44,384	3,459,812	7,934,154
Thousands of dollars	1,089,849	0	0	3,100	3,619	202,168	392,320
Exchanged	359,941	0	0	0	0	0	49,650
Total delivered to other provinces	...	29,817,619	0	236,817	2,425,930	2,880,254	6,523,680
Firm	...	29,817,619	0	20,924	1,242,276	2,772,107	6,425,329
Secondary	...	0	0	215,893	1,183,654	108,147	98,351
Exchanged	...	0	0	0	0	0	0
Total exported	34,962,885	0	0	115,405	2,305,507	9,478,025	8,532,282
Thousands of dollars	2,022,828	0	0	6,123	136,785	743,074	410,674
Firm	14,056,977	0	0	115,405	1,378,677	3,452,309	4,166,622
Thousands of dollars	828,023	0	0	6,123	83,384	256,887	201,543
Secondary	18,950,508	0	0	0	926,830	6,025,716	4,014,891
Thousands of dollars	1,194,805	0	0	0	53,401	486,187	209,131
Exchanged	1,955,400	0	0	0	0	0	350,769
Total made available	565,346,093	11,752,727	1,302,218	12,406,901	16,367,392	203,370,400	154,783,953
Sales to ultimate customers	478,372,423	9,075,790	1,059,102	11,385,661	14,734,178	170,234,925	136,918,168
Thousands of dollars	32,561,053	516,675	126,305	995,980	1,067,327	9,074,178	11,862,697
Residential	150,977,352	3,385,399	159,311	4,113,771	5,517,622	58,164,196	45,265,591
Thousands of dollars	12,167,058	277,588	22,439	409,147	463,508	3,700,666	4,688,481
Agriculture	10,160,368	26,078	240,993	60,988	100,507	2,046,850	2,258,662
Thousands of dollars	880,108	2,249	34,780	5,390	6,099	127,914	245,496
Mining and manufacturing	179,831,072	3,537,895	199,477	3,781,799	6,207,935	74,564,082	35,757,742
Thousands of dollars	8,722,051	93,769	21,942	276,129	328,220	2,849,800	2,536,710
Other industries	137,403,631	2,126,418	459,321	3,429,103	2,908,114	35,459,797	53,636,173
Thousands of dollars	10,791,836	143,069	47,144	305,314	269,500	2,395,798	4,392,010
Used by producers	51,146,793	1,762,410	4,565	262,948	828,553	21,455,638	5,665,307
Unallocated energy	35,826,877	914,527	238,551	758,292	804,661	11,679,837	12,200,478
Total disposal	565,346,093	11,752,727	1,302,218	12,406,901	16,367,392	203,370,400	154,783,953

Table 3
Supply and disposition of electric energy, electric utilities and industry, 2004

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	megawatt hour						
Total net generation	27,703,162	19,436,700	61,415,647	61,979,104	330,162	680,008	139,445
Total received from other provinces	266,434	574,163	1,818,992	951,189	0	0	0
Purchased	266,434	574,163	1,818,992	951,189	0	0	0
Exchanged	0	0	0	0	0	0	0
Total imported	2,554,588	1,082,597	366,611	7,310,108	0	0	0
Purchased	2,554,588	1,082,597	366,611	6,999,817	0	0	0
Thousands of dollars	160,399	40,049	20,836	267,358	0	0	0
Exchanged	0	0	0	310,291	0	0	0
Total delivered to other provinces	3,449,483	856,363	1,263,634	1,145,262	0	0	0
Firm	2,923,153	856,363	0	0	0	0	0
Secondary	526,330	0	1,263,634	1,145,262	0	0	0
Exchanged	0	0	0	0	0	0	0
Total exported	6,848,252	685,546	130,888	6,866,980	0	0	0
Thousands of dollars	387,476	41,969	6,231	290,496	0	0	0
Firm	4,223,085	0	8,326	712,553	0	0	0
Thousands of dollars	241,740	0	381	37,965	0	0	0
Secondary	2,494,377	685,546	122,562	4,680,586	0	0	0
Thousands of dollars	145,736	41,969	5,850	252,531	0	0	0
Exchanged	130,790	0	0	1,473,841	0	0	0
Total made available	20,226,449	19,551,551	62,206,728	62,228,159	330,162	680,008	139,445
Sales to ultimate customers	18,642,966	16,839,675	49,427,593	49,291,544	295,924	408,018	58,879
Thousands of dollars	909,326	1,179,804	4,126,978	2,535,691	35,827	105,238	25,027
Residential	6,034,742	2,863,647	7,650,109	17,532,048	116,841	115,196	58,879
Thousands of dollars	349,395	299,171	758,601	1,127,614	13,762	31,659	25,027
Agriculture	1,634,985	1,349,814	2,038,101	403,390	0	0	0
Thousands of dollars	87,886	118,009	232,784	19,501	0	0	0
Mining and manufacturing	5,783,238	7,485,069	24,698,228	17,769,120	18,387	28,100	0
Thousands of dollars	197,485	399,871	1,346,800	666,496	1,289	3,540	0
Other industries	5,190,001	5,141,145	15,041,155	13,586,986	160,696	264,722	0
Thousands of dollars	274,560	362,753	1,788,793	722,080	20,776	70,039	0
Used by producers	117,683	959,525	7,381,634	12,401,729	0	306,801	0
Unallocated energy	1,465,800	1,752,351	5,397,501	534,886	34,238	45,755	0
Total disposal	20,226,449	19,551,551	62,206,728	62,228,159	330,162	760,574	58,879

Table 4
Residential and agriculture sales of electric power, 2000 to 2004 (continued)

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
	number						
Customers							
2000	12,367,907	215,932	53,995	429,835	313,470	3,351,300	4,258,815
2001	12,471,139	218,119	54,611	446,812	312,740	3,381,044	4,429,089
2002	12,681,520	219,708	54,746	459,814	322,856	3,411,933	4,518,997
2003	12,855,733	222,019	55,100	461,199	328,180	3,480,059	4,595,111
2004	13,087,818	224,741	55,154	461,203	330,901	3,528,821	4,664,289
	megawatt hour						
Energy							
2000	147,798,322	3,102,701	391,149	3,755,526	5,080,818	53,685,305	45,045,222
2001	149,790,479	3,229,824	396,994	3,936,728	5,057,116	52,785,623	46,825,251
2002	153,764,676	3,381,897	403,868	4,070,334	5,279,904	55,158,085	46,676,440
2003	157,969,450	3,393,940	377,469	4,077,043	5,447,536	59,382,960	46,846,268
2004	161,137,720	3,411,477	400,304	4,174,759	5,618,129	60,211,046	47,524,253
	thousand of dollars						
Revenue							
2000	10,981,606	230,900	45,620	357,093	397,713	3,289,554	4,047,641
2001	11,182,985	228,832	47,859	375,484	405,416	3,248,733	4,174,923
2002	11,933,882	255,933	51,094	393,968	425,672	3,334,742	4,482,215
2003	12,218,826	264,444	50,879	403,246	447,266	3,637,897	4,473,421
2004	13,047,166	279,837	57,219	414,537	469,607	3,828,580	4,933,977
	dollars						
Average annual bill							
2000	887.91	1069.32	844.89	830.77	1268.74	981.58	950.41
2001	896.71	1049.12	876.36	840.36	1296.34	960.87	942.61
2002	941.05	1164.88	933.29	856.80	1318.46	977.38	991.86
2003	950.46	1191.09	923.39	874.34	1362.87	1045.35	973.52
2004	996.89	1245.15	1037.44	898.82	1419.18	1084.95	1057.82
	kilowatt hour						
Consumption per customer							
2000	11.950	14.369	7.244	8.737	16.208	16.019	10.577
2001	12.011	14.408	7.269	8.811	16.170	15.612	10.572
2002	12.125	15.393	7.377	8.852	16.354	16.166	10.329
2003	12.288	15.287	6.851	8.840	16.599	17.064	10.195
2004	12.312	15.180	7.258	9.052	16.978	17.063	10.189
Revenue in cents							
2000	7.43	7.44	11.66	9.51	7.83	6.13	8.99
2001	7.47	7.08	12.03	9.54	8.02	6.15	8.92
2002	7.76	7.57	12.65	9.68	8.06	6.05	9.60
2003	7.73	7.79	13.48	9.89	8.21	6.13	9.55
2004	8.10	8.20	14.29	9.93	8.36	6.36	10.38

Table 4
Residential and agriculture sales of electric power, 2000 to 2004

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	number						
Customers							
2000	468,173	439,122	1,255,026	1,547,478	12,218	14,201	8,342
2001	470,028	441,491	1,128,770	1,554,413	12,514	13,840	7,668
2002	464,947	442,313	1,164,422	1,587,630	12,627	13,859	7,668
2003	460,389	443,032	1,176,231	1,598,306	12,872	15,567	7,668
2004	492,981	449,509	1,232,967	1,611,490	13,167	14,926	7,669
	megawatt hour						
Energy							
2000	6,810,238	4,027,498	8,926,098	16,703,719	119,260	104,751	46,037
2001	6,984,255	4,147,828	9,569,568	16,573,594	117,031	103,832	62,835
2002	7,417,759	4,202,595	9,845,549	17,051,568	117,929	110,514	48,234
2003	7,558,948	4,343,008	9,467,946	16,793,857	119,582	109,689	51,204
2004	7,669,727	4,213,461	9,688,210	17,935,438	116,841	115,196	58,879
	thousand of dollars						
Revenue							
2000	398,820	345,380	790,478	1,016,635	16,962	23,787	21,023
2001	406,675	368,564	876,900	990,174	12,931	23,607	22,887
2002	419,117	406,709	1,069,184	1,039,346	13,282	25,626	16,994
2003	423,780	417,112	1,018,150	1,021,390	13,976	28,455	18,810
2004	437,281	417,180	991,385	1,147,115	13,762	31,659	25,027
	dollars						
Average annual bill							
2000	851.86	786.52	629.85	656.96	1388.28	1675.02	2520.14
2001	865.21	834.82	776.86	637.01	1033.32	1705.71	2987.74
2002	901.43	919.50	918.21	654.65	1051.87	1849.05	2216.22
2003	920.48	941.49	865.60	639.05	1085.77	1827.91	2453.05
2004	887.01	928.08	804.06	711.84	1045.19	2121.06	3263.40
	kilowatt hour						
Consumption per customer							
2000	14.546	9.172	7.112	10.794	9.761	7.376	5.519
2001	14.859	9.395	8.478	10.662	9.352	7.502	8.194
2002	15.954	9.501	8.455	10.740	9.339	7.974	6.290
2003	16.419	9.803	8.049	10.507	9.290	7.046	6.678
2004	15.558	9.373	7.858	11.130	8.874	7.718	7.678
Revenue in cents							
2000	5.86	8.58	8.86	6.09	14.22	22.71	45.67
2001	5.82	8.89	9.16	5.97	11.05	22.74	36.42
2002	5.65	9.68	10.86	6.10	11.26	23.19	35.23
2003	5.61	9.60	10.75	6.08	11.69	25.94	36.74
2004	5.70	9.90	10.23	6.40	11.78	27.48	42.51

Table 5
Administrative and operating employees and wages and salaries of electric utilities, 2004

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
Total utilities							
Number of employees	76,291	1,435	128	1,705	2,784	22,445	29,863
Wages and salaries (\$'000)	5,403,642	114,739	8,005	111,212	222,381	1,434,094	2,247,769
Public utilities							
Number of employees	66,027	1,085	28	0	2,780	22,282	26,211
Wages and salaries (\$'000)	4,690,926	86,169	2,264	0	222,209	1,422,929	2,002,840
Private utilities							
Number employees	10,264	350	100	1,705	4	163	3,652
Wages and salaries (\$'000)	712,716	28,570	5,741	111,212	172	11,165	244,929
	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
Total utilities							
Number of employees	4,336	2,472	5,832	4,591	89	313	298
Wages and salaries (\$'000)	261,220	136,122	440,714	388,297	8,143	16,206	14,740
Public utilities							
Number of employees	4,336	2,472	2,004	4,193	52	286	298
Wages and salaries (\$'000)	261,220	136,122	158,046	365,069	5,133	14,185	14,740
Private utilities							
Number employees	0	0	3,828	398	37	27	0
Wages and salaries (\$'000)	0	0	282,668	23,228	3,010	2,021	0

Table 6a
Fuel use, electric utility thermal plants, 2004 (continued)

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
Fuel consumed							
Total coal	51,334,423	0	0	2,635,252	1,213,060	0	11,946,388
Canadian bituminous (Mg)	5,951,531	0	0	437,577	152,045	0	87,111
Imported bituminous (Mg)	8,708,724	0	0	1,850,817	1,061,015	0	5,796,892
Canadian sub-bituminous (Mg)	20,138,584	0	0	0	0	0	0
Imported sub-bituminous (Mg)	5,313,217	0	0	346,858	0	0	4,785,959
Lignite (Mg)	11,222,367	0	0	0	0	0	1,276,426
Total petroleum	3,343,005	435,582	4,590	455,547	1,681,962	472,048	197,665
Light fuel oil (kl)	55,149	618	181	4,564	27,862	6,697	14,077
Heavy fuel oil (kl)	3,111,634	419,385	3,911	406,063	1,653,394	438,211	183,587
Diesel (kl)	176,222	15,579	498	44,920	706	27,140	1
Natural gas ('000 cu.m)	7,138,509	0	0	3,760	374,474	75,310	2,088,723
Wood (Mg)	1,950,251	0	1,096	133,088	0	171,798	595,472
Uranium (kg)	1,553,263	0	0	0	85,803	96,700	1,370,760
Other (Mg)	1,894,890	0	815	838,049	260,287	88,578	260,309
average kilojoule content of fuel							
Energy content							
Canadian bituminous (kj/kg)	19,364	...	...	24,773	27,179	...	27,450
Imported bituminous (kj/kg)	28,696	...	...	28,571	26,283	...	29,178
Canadian sub-bituminous (kj/kg)	18,454	...	...	...	...	...	...
Imported sub-bituminous (kj/kg)	20,154	...	...	28,190	...	...	19,560
Lignite (kj/kg)	15,132	...	...	...	...	...	16,160
Light fuel oil (kj/l)	38,558	37,666	36,000	37,596	38,747	38,318	38,740
Heavy fuel oil (kj/l)	42,135	42,901	42,237	42,231	42,036	41,255	41,868
Diesel (kj/l)	37,642	38,179	37,841	37,564	39,135	37,789	38,680
Natural gas (kj/cu.m)	37,404	...	...	38,100	37,145	37,890	38,151
Wood (kj/kg)	18,000	...	18,000	1,800	...	18,000	18,000
Uranium (kj/g)	704,547	...	...	...	637,135	623,000	714,520
Other energy (kj/kg)	29,176	...	10,900	32,750	32,563	18,000	12,239
thousand of dollars							
Cost of fuel used							
Total coal	3,775,733	88,890	1,378	308,875	395,515	160,584	1,108,526
Total coal	1,357,363	0	0	173,950	69,668	0	582,134
Canadian bituminous	120,826	0	0	20,252	14,518	0	3,643
Imported bituminous	537,827	0	0	130,531	55,150	0	352,145
Canadian sub-bituminous	215,188	0	0	0	0	0	0
Imported sub-bituminous	221,396	0	0	23,167	0	0	191,982
Lignite	262,126	0	0	0	0	0	34,364
Total petroleum	654,183	88,890	1,359	97,866	225,192	131,325	59,692
Light fuel oil	19,012	227	59	1,804	8,753	2,215	5,519
Heavy fuel oil	544,103	80,845	1,120	78,474	216,163	112,647	54,173
Diesel	91,068	7,818	180	17,588	276	16,463	0
Natural gas	1,419,502	0	0	669	82,301	13,351	311,176
Wood	17,221	0	19	6,204	0	2,123	953
Uranium	174,257	0	0	0	9,263	12,900	152,093
Other	153,207	0	0	30,186	9,091	885	2,478

Table 6a
Fuel use, electric utility thermal plants, 2004

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
Fuel consumed							
Total coal	180,400	9,945,941	25,413,382	0	0	0	0
Canadian bituminous (Mg)	0	0	5,274,798	0	0	0	0
Imported bituminous (Mg)	0	0	0	0	0	0	0
Canadian sub-bituminous (Mg)	0	0	20,138,584	0	0	0	0
Imported sub-bituminous (Mg)	180,400	0	0	0	0	0	0
Lignite (Mg)	0	9,945,941	0	0	0	0	0
Total petroleum	4,762	2,978	8,376	12,051	6,467	24,771	36,206
Light fuel oil (kl)	1,140	0	10	0	0	0	0
Heavy fuel oil (kl)	0	2,859	4,224	0	0	0	0
Diesel (kl)	3,622	119	4,142	12,051	6,467	24,771	36,206
Natural gas ('000 cu.m)	31,768	850,142	3,142,429	564,907	0	6,996	0
Wood (Mg)	0	0	363,069	685,728	0	0	0
Uranium (kg)	0	0	0	0	0	0	0
Other (Mg)	0	0	446,852	0	0	0	0
average kilojoule content of fuel							
Energy content							
Canadian bituminous (kj/kg)	...	...	18,557	...	...	...	...
Imported bituminous (kj/kg)	...	...	...	...	...	...	...
Canadian sub-bituminous (kj/kg)	...	...	18,454	...	...	...	...
Imported sub-bituminous (kj/kg)	20,470	...	...	...	...	...	...
Lignite (kj/kg)	...	15,000	...	...	...	...	...
Light fuel oil (kj/l)	37,827	...	38,680	...	...	...	...
Heavy fuel oil (kj/l)	...	41,000	36,713	...	...	...	...
Diesel (kj/l)	34,866	38,680	37,884	39,996	38,545	34,967	38,533
Natural gas (kj/cu.m)	36,084	37,598	36,776	38,013	...	37,615	...
Wood (kj/kg)	...	...	18,000	18,000	...	...	...
Uranium (kj/g)	...	...	...	...	...	...	...
Other energy (kj/kg)	...	...	32,614	...	...	...	...
thousand of dollars							
Cost of fuel used							
	18,388	433,179	1,037,682	181,990	3,512	16,022	21,171
Total coal	6,245	227,762	297,600	0	0	0	0
Canadian bituminous	0	0	82,412	0	0	0	0
Imported bituminous	0	0	0	0	0	0	0
Canadian sub-bituminous	0	0	215,188	0	0	0	0
Imported sub-bituminous	6,245	0	0	0	0	0	0
Lignite	0	227,762	0	0	0	0	0
Total petroleum	2,642	82	2,327	6,369	3,512	13,746	21,171
Light fuel oil	430	0	1	0	0	0	0
Heavy fuel oil	0	0	680	0	0	0	0
Diesel	2,212	82	1,646	6,369	3,512	13,746	21,171
Natural gas	9,501	205,335	626,126	168,764	0	2,276	0
Wood	0	0	1,064	6,857	0	0	0
Uranium	0	0	0	0	0	0	0
Other	0	0	110,565	0	0	0	0

Table 6b
Electric power generation, electric utility thermal plants, 2004 (continued)

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
Net electricity generation	223,212,145	1,696,161	12,825	11,463,712	16,672,341	7,484,293	112,333,600
Total coal	91,966,094	0	0	6,928,958	3,181,177	0	26,079,513
Canadian bituminous	10,628,425	0	0	1,001,570	322,446	0	234,489
Imported bituminous	23,484,859	0	0	4,995,331	2,858,731	0	15,630,797
Canadian sub-bituminous	33,331,826	0	0	0	0	0	0
Imported sub-bituminous	9,654,931	0	0	932,057	0	0	8,456,845
Lignite	14,866,053	0	0	0	0	0	1,757,382
Total petroleum	12,888,756	1,696,161	9,079	1,794,763	6,546,111	1,829,469	661,617
Light fuel oil	135,082	-4,629	853	15,888	64,368	11,654	43,801
Heavy fuel oil	12,141,253	1,647,586	7,718	1,650,432	6,480,139	1,718,554	617,814
Diesel	612,421	53,204	508	128,443	1,604	99,261	2
Natural gas	26,259,010	0	0	13,795	1,777,371	209,820	8,665,151
Wood	1,900,432	0	2,583	178,346	0	350,271	532,576
Uranium	85,239,845	0	0	0	4,298,814	4,877,718	76,063,313
Other	4,958,008	0	1,163	2,547,850	868,868	217,015	331,430
	percentage						
Fuel efficiency	30.85	32.81	21.07	33.69	33.40	30.92	29.58
Total coal	32.66	...	...	33.94	35.77	...	32.85
Canadian bituminous	33.20	...	...	33.26	28.09	...	35.30
Imported bituminous	33.83	...	...	34.01	36.90	...	33.27
Canadian sub-bituminous	32.29	...	...	...	...	...	...
Imported sub-bituminous	32.46	...	...	34.32	...	...	32.52
Lignite	31.51	...	...	...	...	...	30.67
Total petroleum	33.24	32.81	17.15	33.99	33.37	34.02	28.93
Light fuel oil	22.87	-71.59	47.13	33.33	21.46	16.35	28.91
Heavy fuel oil	33.41	32.97	16.82	34.65	33.56	34.22	28.94
Diesel	33.24	32.20	9.70	27.40	20.90	34.84	18.61
Natural gas	35.40	...	...	34.67	46.00	26.47	39.15
Wood	19.49	...	47.14	26.80	...	40.78	17.89
Uranium	28.04	...	...	...	28.31	29.15	27.96
Other	32.28	...	47.13	33.42	36.90	49.00	37.45

Table 6b
Electric power generation, electric utility thermal plants, 2004

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
Net electricity generation	366,140	16,012,976	53,906,382	2,994,323	23,691	106,256	139,445
Total coal	266,029	13,108,671	42,401,746	0	0	0	0
Canadian bituminous	0	0	9,069,920	0	0	0	0
Imported bituminous	0	0	0	0	0	0	0
Canadian sub-bituminous	0	0	33,331,826	0	0	0	0
Imported sub-bituminous	266,029	0	0	0	0	0	0
Lignite	0	13,108,671	0	0	0	0	0
Total petroleum	14,455	10,538	22,993	58,798	23,691	81,636	139,445
Light fuel oil	3,107	0	40	0	0	0	0
Heavy fuel oil	0	10,136	8,874	0	0	0	0
Diesel	11,348	402	14,079	58,798	23,691	81,636	139,445
Natural gas	85,656	2,893,767	10,207,864	2,380,966	0	24,620	0
Wood	0	0	282,097	554,559	0	0	0
Uranium	0	0	0	0	0	0	0
Other	0	0	991,682	0	0	0	0
	percentage						
Fuel efficiency	26.32	31.80	32.00	31.43	34.21	35.73	36.00
Total coal	25.93	31.63	32.51	...	...	...	...
Canadian bituminous	...	...	33.36	...	...	...	...
Imported bituminous	...	...	...	...	...	...	...
Canadian sub-bituminous	...	...	32.29	...	...	...	...
Imported sub-bituminous	25.93	...	...	...	...	...	...
Lignite	...	31.63	...	...	...	...	...
Total petroleum	30.72	31.14	26.50	43.92	34.21	37.70	36.00
Light fuel oil	25.94	...	37.23	...	...	...	...
Heavy fuel oil	...	31.13	20.60	...	...	...	...
Diesel	32.35	31.44	32.30	43.92	34.21	37.70	36.00
Natural gas	26.90	32.59	31.80	39.92	...	33.68	...
Wood	...	...	15.54	16.17	...	...	...
Uranium	...	...	...	...	...	...	...
Other	...	...	24.50	...	...	...	...

Table 7a
Assets and liabilities at end of year, all electric utilities, 2004 (continued)

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
	thousand of dollars						
Total assets	161,596,080	3,536,214	284,261	3,051,732	3,983,847	59,978,986	47,851,640
Total net fixed assets	126,063,735	2,617,798	220,313	2,494,719	3,354,593	52,816,885	32,738,835
Electric utility (at cost)	183,748,358	4,071,058	338,635	4,063,896	6,432,563	73,416,821	46,472,509
Generating plant	79,566,115	1,969,325	79,818	2,179,362	4,469,094	31,291,498	19,810,613
Transmission plant	44,660,500	754,294	46,711	572,508	752,297	21,291,789	10,084,015
Distribution plant	34,723,276	878,900	209,368	984,012	773,022	10,225,547	9,788,263
Other property and equipment	17,458,004	412,912	2,738	270,047	291,968	6,286,466	5,711,090
Construction in progress	7,340,463	55,627	0	57,967	146,182	4,321,521	1,078,528
Accumulated depreciation	58,310,710	1,453,260	118,322	1,569,177	3,077,970	20,612,465	13,756,035
Net total electric utility	125,437,648	2,617,798	220,313	2,494,719	3,354,593	52,804,356	32,716,474
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	626,087	0	0	0	0	12,529	22,361
Total current assets	13,773,355	249,202	24,559	159,571	352,491	2,600,923	5,802,009
Cash (Canadian)	912,541	7,722	92	342	4,010	7,641	775,461
Cash (foreign)	4,909	0	0	0	1,609	1,265	142
Temporary investments	1,625,848	1,915	0	0	4,300	180,908	460,413
Accounts receivable (net)	7,614,075	142,287	16,776	70,497	226,795	2,008,047	3,210,876
Inventories	1,929,393	45,319	754	70,163	108,350	333,930	977,538
Advances	919,476	0	3,332	13,948	4	19,240	209,967
Securities	0	0	0	0	0	0	0
Other assets	767,113	51,959	3,605	4,621	7,423	49,892	167,612
Total investments	6,181,568	494,112	16,454	2,528	196,178	705,735	952,473
Associated companies	2,101,500	407,012	15,296	0	0	703,861	720,484
Reserve fund	205,113	0	1,158	2,528	189,794	1,874	8,468
Other investments	3,874,955	87,100	0	0	6,384	0	223,521
Unamortized bond discount	40,951	4,056	0	11,523	0	398	2,148
Other deferred charges	2,432,503	164,097	64	322,054	80,025	181,848	1,128,562
Other assets	13,103,968	6,949	22,871	61,337	560	3,673,197	7,227,613
Total liabilities	161,596,080	3,536,214	284,261	3,051,732	3,983,847	59,978,986	47,851,640
Long-term debt	75,511,623	1,829,040	96,020	1,415,171	2,473,647	34,177,506	14,121,538
Current liabilities	18,187,145	431,295	42,817	252,726	1,295,436	6,267,131	4,898,898
Accounts payable and accrued liabilities	7,136,243	113,679	16,079	117,870	210,849	1,868,971	2,660,905
Loans and notes payable	6,531,169	271,051	22,065	104,732	701,035	2,059,795	1,512,286
Accrued interest on long-term debt	1,554,642	36,036	2,414	24,543	60,187	978,030	107,523
Other liabilities	2,965,091	10,529	2,259	5,581	323,365	1,360,335	618,184
Deferred credits and other liabilities	18,215,951	31,550	36,932	73,583	7,969	2,759,179	11,342,686
Total capital surplus and reserve	49,681,361	1,244,329	108,492	1,310,252	206,795	16,775,170	17,488,518
Share capital	23,527,326	187,651	33,485	1,119,638	140,000	4,967,204	12,404,332
Surplus	26,113,237	1,061,655	73,745	190,614	65,076	11,807,052	5,073,674
Capital	3,884,219	0	6,848	-31,766	198,265	-2,026	3,223,099
Earned	21,372,432	1,023,560	66,435	222,380	-135,956	11,808,119	1,587,814
Contributed	856,586	38,095	462	0	2,767	959	262,761
Reserves	40,798	-4,977	1,262	0	1,719	914	10,512

Table 7a
Assets and liabilities at end of year, all electric utilities, 2004

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	thousand of dollars						
Total assets	9,780,473	3,966,607	14,924,910	13,529,930	218,322	327,872	161,286
Total net fixed assets	7,395,062	3,455,746	9,351,044	11,050,780	193,946	255,090	118,924
Electric utility (at cost)	10,758,730	6,042,186	14,015,253	17,355,178	316,737	345,868	118,924
Generating plant	4,745,242	2,859,816	5,244,211	6,440,696	148,890	234,790	92,760
Transmission plant	2,738,810	729,375	2,372,009	5,216,298	52,928	36,384	13,082
Distribution plant	1,865,234	2,034,006	3,850,700	3,950,253	87,137	63,752	13,082
Other property and equipment	935,510	298,295	1,989,966	1,228,394	24,908	5,710	0
Construction in progress	473,934	120,694	558,367	519,537	2,874	5,232	0
Accumulated depreciation	3,363,668	2,586,440	5,123,016	6,436,788	122,791	90,778	0
Net total electric utility	7,395,062	3,455,746	8,892,237	10,918,390	193,946	255,090	118,924
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	0	0	458,807	132,390	0	0	0
Total current assets	643,874	403,542	2,469,893	982,107	15,878	26,944	42,362
Cash (Canadian)	6,460	-4,475	56,554	44,666	1,719	220	12,129
Cash (foreign)	1,813	-363	443	0	0	0	0
Temporary investments	250	108,817	826,408	42,687	0	150	0
Accounts receivable (net)	266,961	165,098	1,011,371	450,332	9,271	18,095	17,669
Inventories	62,840	122,240	92,797	96,315	3,940	7,714	7,493
Advances	290,154	7,887	373,900	1,044	0	0	0
Securities	0	0	0	0	0	0	0
Other assets	15,396	4,338	108,420	347,063	948	765	5,071
Total investments	803,742	25,460	2,004,880	951,156	0	28,850	0
Associated companies	242,229	0	10,753	1,865	0	0	0
Reserve fund	0	0	0	1,291	0	0	0
Other investments	561,513	25,460	1,994,127	948,000	0	28,850	0
Unamortized bond discount	-1,906	2,020	22,712	0	0	0	0
Other deferred charges	324,618	0	22,888	184,192	7,634	16,521	0
Other assets	615,083	79,839	1,053,493	361,695	864	467	0
Total liabilities	9,780,473	3,966,607	14,924,910	13,529,930	218,322	327,872	161,286
Long-term debt	7,047,576	1,948,150	4,871,250	7,209,519	105,607	157,168	59,431
Current liabilities	484,435	337,421	1,762,653	2,335,050	9,886	33,485	35,912
Accounts payable and accrued liabilities	180,847	178,396	947,665	805,322	7,481	17,983	10,196
Loans and notes payable	198,026	93,090	665,626	873,549	1,654	10,691	17,569
Accrued interest on long-term debt	105,562	50,932	63,801	123,596	751	1,267	0
Other liabilities	0	15,003	85,561	532,583	0	3,544	8,147
Deferred credits and other liabilities	1,404,968	161,157	820,991	1,478,467	30,066	44,104	24,299
Total capital surplus and reserve	843,494	1,519,879	7,470,016	2,506,894	72,763	93,115	41,644
Share capital	0	659,993	3,780,542	134,588	46,019	53,874	0
Surplus	843,494	858,787	3,671,189	2,360,322	26,744	39,241	41,644
Capital	0	0	258,309	231,490	0	0	0
Earned	843,494	840,663	3,165,527	1,852,767	26,744	39,241	31,644
Contributed	0	18,124	247,353	276,065	0	0	10,000
Reserves	0	1,099	18,285	11,984	0	0	0

Table 7b
Assets and liabilities at end of year, public electric utilities, 2004 (continued)

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
thousand of dollars							
Total assets	138,180,705	2,685,248	15,189	0	3,952,741	58,268,611	39,893,077
Total net fixed assets	109,839,189	1,915,605	11,516	0	3,332,399	51,781,315	27,077,794
Electric utility (at cost)	159,941,711	2,831,085	21,600	0	6,406,392	72,230,164	39,777,390
Generating plant	66,397,151	1,761,508	7,865	0	4,443,094	30,217,197	13,650,972
Transmission plant	41,480,319	573,769	0	0	752,297	21,256,272	9,889,342
Distribution plant	29,805,818	154,926	11,689	0	773,022	10,225,547	9,653,200
Other property and equipment	15,276,348	285,574	2,046	0	291,797	6,229,103	5,596,742
Construction in progress	6,982,075	55,308	0	0	146,182	4,302,045	987,134
Accumulated depreciation	50,966,056	915,480	10,084	0	3,073,993	20,449,818	12,715,810
Net total electric utility	108,975,655	1,915,605	11,516	0	3,332,399	51,780,346	27,061,580
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	863,534	0	0	0	0	969	16,214
Total current assets	11,175,597	190,269	2,515	0	348,164	2,531,236	4,482,127
Cash (Canadian)	744,341	6,025	0	0	4,006	988	657,732
Cash (foreign)	1,821	0	0	0	1,000	0	0
Temporary investments	1,540,524	0	0	0	1,000	167,859	426,752
Accounts receivable (net)	6,292,036	102,440	1,070	0	226,601	1,983,172	2,432,702
Inventories	1,624,670	39,900	754	0	108,349	329,791	787,004
Advances	321,405	0	0	0	4	3,172	20,188
Securities	0	0	0	0	0	0	0
Other assets	650,800	41,904	691	0	7,204	46,254	157,749
Total investments	2,851,490	494,112	1,158	0	196,178	252,000	91,672
Associated companies	938,854	407,012	0	0	0	252,000	37,613
Reserve fund	200,259	0	1,158	0	189,794	0	8,016
Other investments	1,712,377	87,100	0	0	6,384	0	46,043
Unamortized bond discount	10,224	562	0	0	0	0	1,514
Other deferred charges	1,941,225	84,700	0	0	76,000	177,000	1,085,757
Other assets	12,362,980	0	0	0	0	3,527,060	7,154,213
Total liabilities	138,180,705	2,685,248	15,189	0	3,952,741	58,268,611	39,893,077
Long-term debt	67,361,682	1,456,692	4,020	0	2,461,950	33,010,966	12,449,031
Current liabilities	15,830,311	296,675	2,594	0	1,293,572	6,176,495	4,137,956
Accounts payable and accrued liabilities	6,080,113	48,375	2,504	0	210,763	1,840,392	2,313,198
Loans and notes payable	5,442,335	208,197	0	0	699,488	2,002,727	1,189,720
Accrued interest on long-term debt	1,487,810	31,088	0	0	60,010	975,231	101,284
Other liabilities	2,820,053	9,015	90	0	323,311	1,358,145	533,754
Deferred credits and other liabilities	16,353,158	29,700	0	0	1,392	2,747,000	10,277,446
Total capital surplus and reserve	38,635,554	902,181	8,575	0	195,827	16,334,150	13,028,644
Share capital	16,757,006	105,400	2,384	0	140,000	4,434,870	10,672,614
Surplus	21,827,273	791,281	4,929	0	54,108	11,898,366	2,345,518
Capital	1,018,603	0	6,848	0	187,000	15,423	569,846
Earned	20,204,509	773,681	-2,381	0	-135,659	11,881,984	1,514,220
Contributed	604,161	17,600	462	0	2,767	959	261,452
Reserves	51,275	5,500	1,262	0	1,719	914	10,512

Table 7b
Assets and liabilities at end of year, public electric utilities, 2004

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
thousand of dollars							
Total assets	9,780,473	3,966,607	6,239,501	12,747,690	176,904	293,378	161,286
Total net fixed assets	7,395,062	3,455,746	4,032,391	10,332,911	158,800	226,726	118,924
Electric utility (at cost)	10,758,730	6,042,186	4,828,600	16,408,178	219,521	298,941	118,924
Generating plant	4,745,242	2,859,816	2,200,538	6,054,282	134,453	229,424	92,760
Transmission plant	2,738,810	729,375	470,654	4,971,435	52,928	32,355	13,082
Distribution plant	1,865,234	2,034,006	1,278,214	3,751,672	12,872	32,354	13,082
Other property and equipment	935,510	298,295	472,164	1,147,789	17,328	0	0
Construction in progress	473,934	120,694	407,030	483,000	1,940	4,808	0
Accumulated depreciation	3,363,668	2,586,440	1,514,425	6,203,402	60,721	72,215	0
Net total electric utility	7,395,062	3,455,746	3,314,175	10,204,776	158,800	226,726	118,924
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	0	0	718,216	128,135	0	0	0
Total current assets	643,874	403,542	1,561,736	938,793	9,698	21,281	42,362
Cash (Canadian)	6,460	-4,475	16,569	43,032	1,719	156	12,129
Cash (foreign)	1,813	-363	-629	0	0	0	0
Temporary investments	250	108,817	793,159	42,687	0	0	0
Accounts receivable (net)	266,961	165,098	665,380	412,807	4,490	13,646	17,669
Inventories	62,840	122,240	61,755	95,061	2,651	6,832	7,493
Advances	290,154	7,887	0	0	0	0	0
Securities	0	0	0	0	0	0	0
Other assets	15,396	4,338	25,502	345,206	838	647	5,071
Total investments	803,742	25,460	9,027	949,291	0	28,850	0
Associated companies	242,229	0	0	0	0	0	0
Reserve fund	0	0	0	1,291	0	0	0
Other investments	561,513	25,460	9,027	948,000	0	28,850	0
Unamortized bond discount	-1,906	2,020	8,034	0	0	0	0
Other deferred charges	324,618	0	3,995	165,000	7,634	16,521	0
Other assets	615,083	79,839	624,318	361,695	772	0	0
Total liabilities	9,780,473	3,966,607	6,239,501	12,747,690	176,904	293,378	161,286
Long-term debt	7,047,576	1,948,150	1,798,819	6,899,597	84,757	140,693	59,431
Current liabilities	484,435	337,421	774,366	2,258,193	5,433	27,259	35,912
Accounts payable and accrued liabilities	180,847	178,396	512,393	766,029	4,093	12,927	10,196
Loans and notes payable	198,026	93,090	179,178	843,000	1,340	10,000	17,569
Accrued interest on long-term debt	105,562	50,932	43,399	119,272	0	1,032	0
Other liabilities	0	15,003	39,396	529,892	0	3,300	8,147
Deferred credits and other liabilities	1,404,968	161,157	161,487	1,473,037	29,316	43,356	24,299
Total capital surplus and reserve	843,494	1,519,879	3,504,829	2,116,863	57,398	82,070	41,644
Share capital	0	659,993	625,804	27,699	39,000	49,242	0
Surplus	843,494	858,787	2,860,740	2,077,180	18,398	32,828	41,644
Capital	0	0	162,388	77,098	0	0	0
Earned	843,494	840,663	2,681,620	1,724,017	18,398	32,828	31,644
Contributed	0	18,124	16,732	276,065	0	0	10,000
Reserves	0	1,099	18,285	11,984	0	0	0

Table 7c
Assets and liabilities at end of year, private electric utilities, 2004 (continued)

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
thousand of dollars							
Total assets	23,415,375	850,966	269,072	3,051,732	31,106	1,710,375	7,958,563
Total net fixed assets	16,224,546	702,193	208,797	2,494,719	22,194	1,035,570	5,661,041
Electric utility (at cost)	23,806,647	1,239,973	317,035	4,063,896	26,171	1,186,657	6,695,119
Generating plant	13,168,964	207,817	71,953	2,179,362	26,000	1,074,301	6,159,641
Transmission plant	3,180,181	180,525	46,711	572,508	0	35,517	194,673
Distribution plant	4,917,458	723,974	197,679	984,012	0	0	135,063
Other property and equipment	2,181,656	127,338	692	270,047	171	57,363	114,348
Construction in progress	358,388	319	0	57,967	0	19,476	91,394
Accumulated depreciation	7,344,654	537,780	108,238	1,569,177	3,977	162,647	1,040,225
Net total electric utility	16,461,993	702,193	208,797	2,494,719	22,194	1,024,010	5,654,894
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	-237,447	0	0	0	0	11,560	6,147
Total current assets	2,597,758	58,933	22,044	159,571	4,327	69,687	1,319,882
Cash (Canadian)	168,200	1,697	92	342	4	6,653	117,729
Cash (foreign)	3,088	0	0	0	609	1,265	142
Temporary investments	85,324	1,915	0	0	3,300	13,049	33,661
Accounts receivable (net)	1,322,039	39,847	15,706	70,497	194	24,875	778,174
Inventories	304,723	5,419	0	70,163	1	4,139	190,534
Advances	598,071	0	3,332	13,948	0	16,068	189,779
Securities	0	0	0	0	0	0	0
Other assets	116,313	10,055	2,914	4,621	219	3,638	9,863
Total investments	3,330,078	0	15,296	2,528	0	453,735	860,801
Associated companies	1,162,646	0	15,296	0	0	451,861	682,871
Reserve fund	4,854	0	0	2,528	0	1,874	452
Other investments	2,162,578	0	0	0	0	0	177,478
Unamortized bond discount	30,727	3,494	0	11,523	0	398	634
Other deferred charges	491,278	79,397	64	322,054	4,025	4,848	42,805
Other assets	740,988	6,949	22,871	61,337	560	146,137	73,400
Total liabilities	20,539,282	840,489	269,072	3,083,498	19,841	1,727,824	5,305,310
Long-term debt	8,149,941	372,348	92,000	1,415,171	11,697	1,166,540	1,672,507
Current liabilities	2,356,834	134,620	40,223	252,726	1,864	90,636	760,942
Accounts payable and accrued liabilities	1,056,130	65,304	13,575	117,870	86	28,579	347,707
Loans and notes payable	1,088,834	62,854	22,065	104,732	1,547	57,068	322,566
Accrued interest on long-term debt	66,832	4,948	2,414	24,543	177	2,799	6,239
Other liabilities	145,038	1,514	2,169	5,581	54	2,190	84,430
Deferred credits and other liabilities	1,862,793	1,850	36,932	73,583	6,577	12,179	1,065,240
Total capital surplus and reserve	8,169,714	331,671	99,917	1,342,018	-297	458,469	1,806,621
Share capital	6,770,320	82,251	31,101	1,119,638	0	532,334	1,731,718
Surplus	1,409,871	259,897	68,816	222,380	-297	-73,865	74,903
Capital	2,865,616	0	0	-31,766	12,235	-17,449	2,653,253
Earned	1,167,923	249,879	68,816	222,380	-297	-73,865	73,594
Contributed	252,425	20,495	0	0	0	0	1,309
Reserves	-10,477	-10,477	0	0	0	0	0

Table 7c
Assets and liabilities at end of year, private electric utilities, 2004

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	thousand of dollars						
Total assets	0	0	8,685,409	782,240	41,418	34,494	0
Total net fixed assets	0	0	5,318,653	717,869	35,146	28,364	0
Electric utility (at cost)	0	0	9,186,653	947,000	97,216	46,927	0
Generating plant	0	0	3,043,673	386,414	14,437	5,366	0
Transmission plant	0	0	1,901,355	244,863	0	4,029	0
Distribution plant	0	0	2,572,486	198,581	74,265	31,398	0
Other property and equipment	0	0	1,517,802	80,605	7,580	5,710	0
Construction in progress	0	0	151,337	36,537	934	424	0
Accumulated depreciation	0	0	3,608,591	233,386	62,070	18,563	0
Net total electric utility	0	0	5,578,062	713,614	35,146	28,364	0
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	0	0	-259,409	4,255	0	0	0
Total current assets	0	0	908,157	43,314	6,180	5,663	0
Cash (Canadian)	0	0	39,985	1,634	0	64	0
Cash (foreign)	0	0	1,072	0	0	0	0
Temporary investments	0	0	33,249	0	0	150	0
Accounts receivable (net)	0	0	345,991	37,525	4,781	4,449	0
Inventories	0	0	31,042	1,254	1,289	882	0
Advances	0	0	373,900	1,044	0	0	0
Securities	0	0	0	0	0	0	0
Other assets	0	0	82,918	1,857	110	118	0
Total investments	0	0	1,995,853	1,865	0	0	0
Associated companies	0	0	10,753	1,865	0	0	0
Reserve fund	0	0	0	0	0	0	0
Other investments	0	0	1,985,100	0	0	0	0
Unamortized bond discount	0	0	14,678	0	0	0	0
Other deferred charges	0	0	18,893	19,192	0	0	0
Other assets	0	0	429,175	0	92	467	0
Total liabilities	0	0	8,685,409	782,240	41,418	34,494	0
Long-term debt	0	0	3,072,431	309,922	20,850	16,475	0
Current liabilities	0	0	988,287	76,857	4,453	6,226	0
Accounts payable and accrued liabilities	0	0	435,272	39,293	3,388	5,056	0
Loans and notes payable	0	0	486,448	30,549	314	691	0
Accrued interest on long-term debt	0	0	20,402	4,324	751	235	0
Other liabilities	0	0	46,165	2,691	0	244	0
Deferred credits and other liabilities	0	0	659,504	5,430	750	748	0
Total capital surplus and reserve	0	0	3,965,187	390,031	15,365	11,045	0
Share capital	0	0	3,154,738	106,889	7,019	4,632	0
Surplus	0	0	810,449	283,142	8,346	6,413	0
Capital	0	0	95,921	154,392	0	0	0
Earned	0	0	483,907	128,750	8,346	6,413	0
Contributed	0	0	230,621	0	0	0	0
Reserves	0	0	0	0	0	0	0

Table 8a
Income account of total electric utilities, 2004

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
thousand of dollars							
Operating revenue	49,861,971	949,545	128,945	957,617	1,508,393	11,196,271	20,505,926
Sale of electricity	47,512,899	880,763	129,971	941,714	1,401,921	10,513,332	19,751,468
Sale of stream	80,527	0	0	7,894	12,000	20,724	39,909
Subsidies	389	0	0	0	0	0	51
Other revenue	2,268,156	68,782	-1,026	8,009	94,472	662,215	714,498
Operating expenses	39,653,768	679,201	105,523	664,395	1,286,880	6,659,749	18,283,253
Operating, maintenance and administration	16,994,982	312,018	87,127	506,447	815,963	3,110,225	7,011,016
Salaries and wages	5,403,642	114,739	8,005	111,212	222,381	1,434,094	2,247,769
Supplementary employee benefits	1,181,524	12,395	1,161	17,189	15,777	307,079	546,092
Cost of fuel used	3,380,114	83,100	6,636	280,897	376,361	116,654	1,603,639
Cost of material used	1,299,764	2,185	7,608	10,460	32,342	240,322	291,501
Cost of purchased services	2,732,110	7,031	60,722	41,504	81,615	434,282	1,177,567
Cost of repair and maintenance	299,962	22,866	769	5,701	28,319	75,849	25,053
Royalty expenses	524,304	6,322	4	84	1	12,026	156,006
Indirect taxes	1,440,227	12,877	1,677	40,595	36,991	623,112	149,291
Other expenses	733,335	50,503	545	-1,195	22,176	-133,193	814,098
Electricity purchased	16,615,012	284,212	8,712	33,518	248,369	1,572,651	9,144,503
Depreciation	6,043,774	82,971	9,684	124,430	222,548	1,976,873	2,127,734
Total income	10,745,754	291,274	23,422	296,592	222,089	4,579,905	2,306,178
Operating income	10,208,203	270,344	23,422	293,222	221,513	4,536,522	2,222,673
Other income	537,551	20,930	0	3,370	576	43,383	83,505
Income deductions	5,519,424	156,478	14,583	192,388	210,392	2,046,753	1,201,225
Interest on long-term debt	5,274,574	138,479	8,930	119,743	203,536	2,384,426	872,408
Income tax	490,995	16,457	5,591	59,331	6,798	929	198,375
Other deductions	-246,145	1,542	62	13,314	58	-338,602	130,442
Net income	5,226,330	134,796	8,839	104,204	11,697	2,533,152	1,104,953
	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
thousand of dollars							
Operating revenue	1,507,977	1,368,776	7,526,766	3,989,870	62,986	101,832	57,067
Sale of electricity	1,492,681	1,339,507	6,875,788	3,968,853	61,770	100,134	54,997
Sale of stream	0	0	0	0	0	0	0
Subsidies	0	0	0	0	338	0	0
Other revenue	15,296	29,269	650,978	21,017	878	1,698	2,070
Operating expenses	897,480	1,123,758	6,349,791	3,412,383	50,543	83,044	57,768
Operating, maintenance and administration	486,553	684,934	2,519,513	1,332,134	20,459	50,825	57,768
Salaries and wages	261,220	136,122	440,714	388,297	8,143	16,206	14,740
Supplementary employee benefits	40,513	35,280	89,037	115,140	75	1,786	0
Cost of fuel used	15,797	290,563	329,517	232,399	3,651	15,851	25,049
Cost of material used	25,384	28,084	473,813	174,037	2,082	11,946	0
Cost of purchased services	9,990	78,136	468,349	358,142	3,670	777	10,325
Cost of repair and maintenance	11,917	337	36,560	91,382	1,081	128	0
Royalty expenses	47,542	26,728	30,109	245,477	5	0	0
Indirect taxes	51,429	41,072	92,030	389,778	471	904	0
Other expenses	22,761	48,612	559,384	-662,518	1,281	3,227	7,654
Electricity purchased	119,659	243,196	3,315,718	1,600,222	21,157	23,095	0
Depreciation	291,268	195,628	514,560	480,027	8,927	9,124	0
Total income	610,497	248,159	1,345,521	778,359	12,689	19,235	11,834
Operating income	610,497	245,018	1,176,975	577,487	12,443	18,788	-701
Other income	0	3,141	168,546	200,872	246	447	12,535
Income deductions	472,606	160,536	712,363	330,396	5,869	11,544	4,291
Interest on long-term debt	472,606	160,536	427,372	466,824	4,557	10,866	4,291
Income tax	0	0	193,095	8,479	1,262	678	0
Other deductions	0	0	91,896	-144,907	50	0	0
Net income	137,891	87,623	633,158	447,963	6,820	7,691	7,543

Table 8b
Income account of public electric utilities, 2004

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
	thousand of dollars						
Operating revenue	41,507,675	529,872	13,539	0	1,503,690	10,963,977	17,759,074
Sale of electricity	39,599,869	470,009	13,065	0	1,397,436	10,305,095	17,160,156
Sale of stream	12,000	0	0	0	12,000	0	0
Subsidies	389	0	0	0	0	0	51
Other revenue	1,895,417	59,863	474	0	94,254	658,882	598,867
Operating expenses	33,164,513	347,043	12,543	0	1,284,845	6,519,109	16,301,463
Operating, maintenance and administration	13,014,751	256,668	3,323	0	814,845	3,025,035	5,409,020
Salaries and wages	4,690,926	86,169	2,264	0	222,209	1,422,929	2,002,840
Supplementary employee benefits	1,047,485	8,417	150	0	15,764	306,410	484,852
Cost of fuel used	2,346,524	83,100	67	0	376,000	99,856	1,154,321
Cost of material used	776,033	0	555	0	32,342	233,797	222,669
Cost of purchased services	1,937,628	0	75	0	81,227	434,153	844,714
Cost of repair and maintenance	233,456	22,722	0	0	28,248	54,663	2,419
Royalty expenses	330,841	5,218	4	0	1	4,044	0
Indirect taxes	1,309,594	2,643	57	0	36,878	620,398	126,078
Other expenses	342,264	48,399	151	0	22,176	-151,215	571,127
Electricity purchased	14,947,234	40,200	8,712	0	248,369	1,551,986	9,091,678
Depreciation	5,202,528	50,175	508	0	221,631	1,942,088	1,800,765
Total income	8,624,923	202,429	996	0	219,383	4,448,355	1,501,342
Operating income	8,343,162	182,829	996	0	218,845	4,444,868	1,457,611
Other income	281,761	19,600	0	0	538	3,487	43,731
Income deductions	4,474,876	103,810	336	0	207,315	1,974,943	942,475
Interest on long-term debt	4,532,352	103,810	255	0	202,315	2,316,128	683,604
Income tax	320,020	0	0	0	5,000	11	185,429
Other deductions	-377,496	0	81	0	0	-341,196	73,442
Net income	4,150,047	98,619	660	0	12,068	2,473,412	558,867
	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	thousand of dollars						
Operating revenue	1,507,977	1,368,776	3,941,995	3,767,818	25,782	68,108	57,067
Sale of electricity	1,492,681	1,339,507	3,512,068	3,763,879	24,566	66,410	54,997
Sale of stream	0	0	0	0	0	0	0
Subsidies	0	0	0	0	338	0	0
Other revenue	15,296	29,269	429,927	3,939	878	1,698	2,070
Operating expenses	897,480	1,123,758	3,296,162	3,254,320	17,768	52,254	57,768
Operating, maintenance and administration	486,553	684,934	959,839	1,260,687	11,376	44,703	57,768
Salaries and wages	261,220	136,122	158,046	365,069	5,133	14,185	14,740
Supplementary employee benefits	40,513	35,280	45,981	108,542	0	1,576	0
Cost of fuel used	15,797	290,563	57,382	229,006	367	15,016	25,049
Cost of material used	25,384	28,084	46,816	174,037	614	11,735	0
Cost of purchased services	9,990	78,136	130,385	345,525	3,098	0	10,325
Cost of repair and maintenance	11,917	337	22,792	89,725	633	0	0
Royalty expenses	47,542	26,728	9,209	238,090	5	0	0
Indirect taxes	51,429	41,072	52,828	377,966	245	0	0
Other expenses	22,761	48,612	436,400	-667,273	1,281	2,191	7,654
Electricity purchased	119,659	243,196	2,102,184	1,541,205	45	0	0
Depreciation	291,268	195,628	234,139	452,428	6,347	7,551	0
Total income	610,497	248,159	645,568	711,913	8,172	16,275	11,834
Operating income	610,497	245,018	645,833	513,498	8,014	15,854	-701
Other income	0	3,141	-265	198,415	158	421	12,535
Income deductions	472,606	160,536	297,095	298,647	2,976	9,846	4,291
Interest on long-term debt	472,606	160,536	132,026	444,009	2,926	9,846	4,291
Income tax	0	0	129,580	0	0	0	0
Other deductions	0	0	35,489	-145,362	50	0	0
Net income	137,891	87,623	348,473	413,266	5,196	6,429	7,543

Table 8c
Income account of private electric utilities, 2004

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
thousand of dollars							
Operating revenue	8,354,296	419,673	115,406	957,617	4,703	232,294	2,746,852
Sale of electricity	7,913,030	410,754	116,906	941,714	4,485	208,237	2,591,312
Sale of stream	68,527	0	0	7,894	0	20,724	39,909
Subsidies	0	0	0	0	0	0	0
Other revenue	372,739	8,919	-1,500	8,009	218	3,333	115,631
Operating expenses	6,489,255	332,158	92,980	664,395	2,035	140,640	1,981,790
Operating, maintenance and administration	3,980,231	55,350	83,804	506,447	1,118	85,190	1,601,996
Salaries and wages	712,716	28,570	5,741	111,212	172	11,165	244,929
Supplementary employee benefits	134,039	3,978	1,011	17,189	13	669	61,240
Cost of fuel used	1,033,590	0	6,569	280,897	361	16,798	449,318
Cost of material used	523,731	2,185	7,053	10,460	0	6,525	68,832
Cost of purchased services	794,482	7,031	60,647	41,504	388	129	332,853
Cost of repair and maintenance	66,506	144	769	5,701	71	21,186	22,634
Royalty expenses	193,463	1,104	0	84	0	7,982	156,006
Indirect taxes	130,633	10,234	1,620	40,595	113	2,714	23,213
Other expenses	391,071	2,104	394	-1,195	0	18,022	242,971
Electricity purchased	1,667,778	244,012	0	33,518	0	20,665	52,825
Depreciation	841,246	32,796	9,176	124,430	917	34,785	326,969
Total income	2,120,831	88,845	22,426	296,592	2,706	131,550	804,836
Operating income	1,865,041	87,515	22,426	293,222	2,668	91,654	765,062
Other income	255,790	1,330	0	3,370	38	39,896	39,774
Income deductions	1,044,548	52,668	14,247	192,388	3,077	71,810	258,750
Interest on long-term debt	742,222	34,669	8,675	119,743	1,221	68,298	188,804
Income tax	170,975	16,457	5,591	59,331	1,798	918	12,946
Other deductions	131,351	1,542	-19	13,314	58	2,594	57,000
Net income	1,076,283	36,177	8,179	104,204	-371	59,740	546,086
	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
thousand of dollars							
Operating revenue	0	0	3,584,771	222,052	37,204	33,724	0
Sale of electricity	0	0	3,363,720	204,974	37,204	33,724	0
Sale of stream	0	0	0	0	0	0	0
Subsidies	0	0	0	0	0	0	0
Other revenue	0	0	221,051	17,078	0	0	0
Operating expenses	0	0	3,053,629	158,063	32,775	30,790	0
Operating, maintenance and administration	0	0	1,559,674	71,447	9,083	6,122	0
Salaries and wages	0	0	282,668	23,228	3,010	2,021	0
Supplementary employee benefits	0	0	43,056	6,598	75	210	0
Cost of fuel used	0	0	272,135	3,393	3,284	835	0
Cost of material used	0	0	426,997	0	1,468	211	0
Cost of purchased services	0	0	337,964	12,617	572	777	0
Cost of repair and maintenance	0	0	13,768	1,657	448	128	0
Royalty expenses	0	0	20,900	7,387	0	0	0
Indirect taxes	0	0	39,202	11,812	226	904	0
Other expenses	0	0	122,984	4,755	0	1,036	0
Electricity purchased	0	0	1,213,534	59,017	21,112	23,095	0
Depreciation	0	0	280,421	27,599	2,580	1,573	0
Total income	0	0	699,953	66,446	4,517	2,960	0
Operating income	0	0	531,142	63,989	4,429	2,934	0
Other income	0	0	168,811	2,457	88	26	0
Income deductions	0	0	415,268	31,749	2,893	1,698	0
Interest on long-term debt	0	0	295,346	22,815	1,631	1,020	0
Income tax	0	0	63,515	8,479	1,262	678	0
Other deductions	0	0	56,407	455	0	0	0
Net income	0	0	284,685	34,697	1,624	1,262	0

Table 9
Taxes paid by electric utilities, 2004

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario
thousand of dollars							
Total utilities							
Municipal	281,259	11,524	11	56	0	49,343	53,006
Provincial	816,406	1,353	1,666	40,539	36,991	249,769	77,723
Federal	342,562	0	0	0	0	324,000	18,562
Total taxes	1,440,227	12,877	1,677	40,595	36,991	623,112	149,291
Percentage of total for Canada	100.00	0.89	0.12	2.82	2.57	43.26	10.37
Public utilities							
Municipal	224,646	1,428	11	0	0	47,172	46,842
Provincial	753,948	1,215	45	0	36,878	249,226	72,236
Federal	331,000	0	0	0	0	324,000	7,000
Total taxes	1,309,594	2,643	56	0	36,878	620,398	126,078
Percentage of total for Canada	100.00	0.20	0.00	0.00	2.82	47.37	9.63
Private utilities							
Municipal	56,613	10,096	0	56	0	2,171	6,164
Provincial	62,458	138	1,620	40,539	113	543	5,487
Federal	11,562	0	0	0	0	0	11,562
Total taxes	130,633	10,234	1,620	40,595	113	2,714	23,213
Percentage of total for Canada	100.00	7.83	1.24	31.08	0.09	2.08	17.77
thousand of dollars							
	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
Total utilities							
Municipal	10,053	27,229	83,468	45,194	471	904	0
Provincial	41,376	13,843	8,562	344,584	0	0	0
Federal	0	0	0	0	0	0	0
Total taxes	51,429	41,072	92,030	389,778	471	904	0
Percentage of total for Canada	3.57	2.85	6.39	27.06	0.03	0.06	0.00
Public utilities							
Municipal	10,053	27,229	51,666	40,000	245	0	0
Provincial	41,376	13,843	1,162	337,966	0	0	0
Federal	0	0	0	0	0	0	0
Total taxes	51,429	41,072	52,828	377,966	245	0	0
Percentage of total for Canada	3.93	3.14	4.03	28.86	0.02	0.00	0.00
Private utilities							
Municipal	0	0	31,802	5,194	226	904	0
Provincial	0	0	7,400	6,618	0	0	0
Federal	0	0	0	0	0	0	0
Total taxes	0	0	39,202	11,812	226	904	0
Percentage of total for Canada	0.00	0.00	30.01	9.04	0.17	0.69	0.00

Table 10a
Supply and disposal of electric energy, Canada

	2001	2002	2003	2004
	megawatt hour			
Total supply	547,020,690	562,350,099	562,747,918	565,346,093
Production	569,285,631	582,723,948	569,538,171	577,466,928
Exports	40,164,787	36,818,071	31,310,660	34,962,885
Imports	17,899,846	16,444,222	24,520,407	22,842,050
Inter-regional transfers	...	...	...	...
Total industrial disposal	224,782,556	228,504,395	230,681,119	229,942,139
Mining	34,744,480	34,904,514	34,931,352	35,221,893
Total manufacturing	190,038,076	193,599,881	195,749,767	194,720,246
Pulp and paper	58,198,553	58,783,743	59,862,206	62,856,289
Iron and steel	11,429,712	11,480,491	10,330,396	10,248,436
Smelting and refining, non-ferrous	53,768,549	56,251,982	58,629,826	54,792,869
Cement	2,006,031	1,993,274	2,022,572	1,882,886
Petroleum refining	5,463,715	5,538,089	5,590,077	6,134,921
Chemicals	18,196,463	18,876,859	18,613,703	19,311,996
Other manufacturing	40,975,053	40,675,443	40,700,987	39,492,849
Pipelines	3,451,729	3,204,110	3,228,270	3,202,293
Urban transit	853,936	930,719	940,346	959,441
Street lighting	2,139,211	2,169,293	2,175,855	2,165,057
Agriculture	9,822,930	9,650,021	10,012,383	10,160,368
Residential	140,002,346	144,151,485	147,957,067	150,977,352
Public administration	11,362,014	11,646,252	11,564,671	11,770,556
Commercial and other institutional	110,266,041	118,094,496	120,115,230	120,342,010
Unallocated energy	44,339,927	43,999,327	36,072,977	35,826,877
Total disposal	547,020,690	562,350,098	562,747,918	565,346,093

Table 10b
Supply and disposal of electric energy, Atlantic Provinces

	2001	2002	2003	2004
	megawatt hour			
Total supply	39,914,234	41,270,209	41,688,578	41,829,238
Production	73,339,116	75,818,423	75,527,202	74,961,973
Exports	3,582,987	2,611,208	2,802,836	2,420,912
Imports	72,932	9,121	73,307	84,530
Inter-regional transfers	-29,914,827	-31,946,127	-31,109,095	-30,796,353
Total industrial disposal	15,330,453	15,605,532	16,394,624	16,579,717
Mining	2,903,951	2,836,039	3,085,104	2,730,013
Total manufacturing	12,426,502	12,769,493	13,309,520	13,849,704
Pulp and paper	x	x	x	x
Iron and steel	x	x	x	x
Smelting and refining, non-ferrous	x	x	x	x
Cement	x	x	x	x
Petroleum refining	842,051	852,639	895,823	909,795
Chemicals	x	x	x	x
Other manufacturing	2,105,768	2,111,829	2,229,022	2,344,565
Pipelines	0	0	0	0
Urban transit	4,000	4,012	5,679	6,143
Street lighting	205,854	197,515	235,804	212,815
Agriculture	437,800	445,922	403,470	428,566
Residential	12,217,659	12,726,911	12,892,518	13,176,103
Public administration	877,737	847,844	807,674	820,702
Commercial and other institutional	7,386,268	7,575,792	7,728,838	7,889,161
Unallocated energy	3,454,463	3,866,680	3,219,971	2,716,031
Total disposal	39,914,234	41,270,208	41,688,578	41,829,238

Table 10c
Supply and disposal of electric energy, Newfoundland and Labrador

	2001	2002	2003	2004
	megawatt hour			
Total supply	11,515,754	11,848,141	11,992,914	11,752,727
Production	41,251,154	44,124,516	42,091,533	41,554,748
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	-29,735,400	-32,276,375	-30,098,619	-29,802,021
Total industrial disposal	5,135,747	5,101,409	5,443,607	5,300,305
Mining	2,337,233	2,289,940	2,519,800	2,156,590
Total manufacturing	2,798,514	2,811,469	2,923,807	3,143,715
Pulp and paper	x	x	x	x
Iron and steel	0	0	0	0
Smelting and refining, non-ferrous	0	0	0	0
Cement	x	x	x	x
Petroleum refining	x	x	x	x
Chemicals	x	x	x	x
Other manufacturing	193,293	196,713	203,546	212,884
Pipelines	0	0	0	0
Urban transit	0	0	0	0
Street lighting	40,039	40,221	68,356	40,530
Agriculture	23,631	23,472	24,457	26,078
Residential	3,238,990	3,392,728	3,369,483	3,385,399
Public administration	233,716	245,299	240,492	231,522
Commercial and other institutional	1,754,183	1,817,156	1,816,421	1,854,366
Unallocated energy	1,089,448	1,227,855	1,030,098	914,527
Total disposal	11,515,754	11,848,140	11,992,914	11,752,727

Table 10d
Supply and disposal of electric energy, Prince Edward Island

	2001	2002	2003	2004
	megawatt hour			
Total supply	1,113,086	1,356,332	1,191,843	1,302,218
Production	48,944	38,885	62,826	47,528
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	1,064,142	1,317,447	1,129,017	1,254,690
Total industrial disposal	175,737	196,170	196,529	199,477
Mining	144	144	136	138
Total manufacturing	175,593	196,026	196,393	199,339
Pulp and paper	0	0	0	0
Iron and steel	0	0	0	0
Smelting and refining, non-ferrous	0	0	0	0
Cement	0	0	0	0
Petroleum refining	0	0	0	0
Chemicals	x	x	x	x
Other manufacturing	x	x	x	x
Pipelines	0	0	0	0
Urban transit	0	0	0	0
Street lighting	8,715	5,539	4,835	4,546
Agriculture	253,025	262,373	222,371	240,993
Residential	143,969	141,495	155,098	159,311
Public administration	56,632	48,219	48,871	49,604
Commercial and other institutional	340,743	355,687	364,085	409,736
Unallocated energy	134,265	346,849	200,054	238,551
Total disposal	1,113,086	1,356,332	1,191,843	1,302,218

Table 10e
Supply and disposal of electric energy, Nova Scotia

	2001	2002	2003	2004
	megawatt hour			
Total supply	11,615,974	11,446,745	11,996,347	12,406,901
Production	11,844,248	12,126,906	12,405,152	12,587,399
Exports	0	29,817	115,746	115,405
Imports	0	0	1,221	40,146
Inter-regional transfers	-228,274	-650,344	-294,280	-105,239
Total industrial disposal	3,599,759	3,553,685	3,762,313	4,044,747
Mining	52,566	39,383	43,954	47,470
Total manufacturing	3,547,193	3,514,302	3,718,359	3,997,277
Pulp and paper	x	x	x	x
Iron and steel	x	x	x	x
Smelting and refining, non-ferrous	0	0	0	0
Cement	x	x	x	x
Petroleum refining	x	x	x	x
Chemicals	x	x	x	x
Other manufacturing	786,824	824,011	879,146	953,061
Pipelines	0	0	0	0
Urban transit	4,000	4,012	5,679	6,143
Street lighting	65,510	65,578	69,440	74,397
Agriculture	65,674	65,778	59,488	60,988
Residential	3,871,054	4,004,556	4,017,555	4,113,771
Public administration	269,832	270,145	266,018	287,224
Commercial and other institutional	2,957,642	3,035,770	3,049,941	3,061,339
Unallocated energy	782,503	447,221	765,913	758,292
Total disposal	11,615,974	11,446,745	11,996,347	12,406,901

Table 10f
Supply and disposal of electric energy, New Brunswick

	2001	2002	2003	2004
	megawatt hour			
Total supply	15,669,420	16,618,991	16,507,474	16,367,392
Production	20,194,770	19,528,116	20,967,691	20,772,298
Exports	3,582,987	2,581,391	2,687,090	2,305,507
Imports	72,932	9,121	72,086	44,384
Inter-regional transfers	-1,015,295	-336,855	-1,845,213	-2,143,783
Total industrial disposal	6,419,210	6,754,268	6,992,175	7,035,188
Mining	514,008	506,572	521,214	525,815
Total manufacturing	5,905,202	6,247,696	6,470,961	6,509,373
Pulp and paper	x	x	x	x
Iron and steel	x	x	x	x
Smelting and refining, non-ferrous	x	x	x	x
Cement	x	x	x	x
Petroleum refining	x	x	x	x
Chemicals	x	x	x	x
Other manufacturing	953,953	899,221	954,833	984,250
Pipelines	0	0	0	0
Urban transit	0	0	0	0
Street lighting	91,590	86,177	93,173	93,342
Agriculture	95,470	94,299	97,154	100,507
Residential	4,963,646	5,188,132	5,350,382	5,517,622
Public administration	317,557	284,181	252,293	252,352
Commercial and other institutional	2,333,700	2,367,179	2,498,391	2,563,720
Unallocated energy	1,448,247	1,844,755	1,223,906	804,661
Total disposal	15,669,420	16,618,991	16,507,474	16,367,392

Table 10g
Supply and disposal of electric energy, Québec

	2001	2002	2003	2004
	megawatt hour			
Total supply	189,380,260	195,112,262	203,435,723	203,370,400
Production	171,035,214	177,148,710	177,848,777	174,950,783
Exports	14,922,151	14,838,080	10,038,238	9,478,025
Imports	3,460,878	2,545,734	3,924,972	3,459,812
Inter-regional transfers	29,806,319	30,255,898	31,700,212	34,437,830
Total industrial disposal	90,696,241	94,179,535	99,423,337	95,530,286
Mining	2,573,702	2,735,679	2,809,197	2,625,322
Total manufacturing	88,122,539	91,443,856	96,614,140	92,904,964
Pulp and paper	20,697,935	21,485,036	22,312,407	23,428,895
Iron and steel	2,803,633	2,768,270	3,172,127	2,971,851
Smelting and refining, non-ferrous	44,174,201	47,121,221	49,197,087	44,691,593
Cement	442,856	448,697	466,750	480,660
Petroleum refining	1,207,282	1,226,442	1,237,075	1,235,916
Chemicals	5,222,343	4,866,869	5,291,028	5,628,708
Other manufacturing	13,574,289	13,527,321	14,937,666	14,467,341
Pipelines	0	0	1	2
Urban transit	296,355	282,436	289,929	290,758
Street lighting	576,967	599,590	601,750	600,443
Agriculture	1,866,241	1,906,254	2,003,185	2,046,850
Residential	50,919,382	53,251,831	57,379,775	58,164,196
Public administration	6,568,898	6,886,300	7,157,857	7,269,104
Commercial and other institutional	25,597,037	26,576,750	26,984,887	27,788,924
Unallocated energy	12,859,139	11,429,566	10,135,002	11,679,837
Total disposal	189,380,260	195,112,262	203,975,723	203,370,400

Table 10h
Supply and disposal of electric energy, Ontario

	2001	2002	2003	2004
	megawatt hour			
Total supply	153,590,491	158,503,766	156,049,269	154,783,953
Production	152,738,116	154,350,432	150,425,312	155,869,944
Exports	5,218,916	4,116,032	4,575,307	8,532,282
Imports	4,727,196	4,983,090	7,429,694	7,983,804
Inter-regional transfers	1,344,095	3,286,276	2,769,570	-537,513
Total industrial disposal	46,213,064	45,376,578	41,399,731	41,250,012
Mining	3,288,507	3,058,145	3,104,318	3,569,483
Total manufacturing	42,924,557	42,318,433	38,295,413	37,680,529
Pulp and paper	9,491,527	9,076,657	8,719,096	8,876,149
Iron and steel	7,371,424	7,535,209	5,956,519	5,956,092
Smelting and refining, non-ferrous	2,827,029	2,755,271	2,219,082	2,071,381
Cement	923,336	904,570	898,961	793,780
Petroleum refining	1,726,352	1,808,123	1,717,772	1,783,093
Chemicals	4,185,823	4,372,467	4,062,253	4,351,558
Other manufacturing	16,399,066	15,866,136	14,721,730	13,848,476
Pipelines	423,099	336,320	371,986	288,921
Urban transit	366,046	387,169	375,093	376,278
Street lighting	739,431	754,080	740,018	737,388
Agriculture	2,415,868	2,060,017	2,257,885	2,258,662
Residential	44,409,383	44,616,423	44,588,383	45,265,591
Public administration	2,243,359	2,118,413	1,770,544	1,898,337
Commercial and other institutional	43,031,809	49,432,469	51,231,201	50,508,286
Unallocated energy	13,748,432	13,422,297	13,314,428	12,200,478
Total disposal	153,590,491	158,503,766	156,049,269	154,783,953

Table 10i
Supply and disposal of electric energy, Manitoba

	2001	2002	2003	2004
	megawatt hour			
Total supply	21,450,477	22,469,512	19,454,765	20,226,449
Production	33,447,687	29,437,135	21,152,179	27,703,162
Exports	9,495,336	7,182,710	4,474,368	6,848,252
Imports	122,064	2,242,711	5,908,777	2,554,588
Inter-regional transfers	-2,623,938	-2,027,624	-3,131,823	-3,183,049
Total industrial disposal	5,895,187	5,883,547	5,996,676	5,900,921
Mining	542,495	588,875	609,667	625,331
Total manufacturing	5,352,692	5,294,672	5,387,009	5,275,590
Pulp and paper	x	x	x	x
Iron and steel	x	x	x	x
Smelting and refining, non-ferrous	x	x	x	x
Cement	x	x	x	x
Petroleum refining	x	x	x	x
Chemicals	x	x	x	x
Other manufacturing	1,887,288	1,855,294	1,851,920	1,493,944
Pipelines	756,695	782,802	683,588	801,314
Urban transit	0	370	920	438
Street lighting	79,115	80,187	80,299	80,997
Agriculture	1,470,628	1,641,344	1,618,429	1,634,985
Residential	5,513,627	5,776,415	5,940,519	6,034,742
Public administration	419,852	507,130	523,471	436,225
Commercial and other institutional	3,565,667	3,411,875	3,562,665	3,871,027
Unallocated energy	3,749,706	4,385,842	1,048,198	1,465,800
Total disposal	21,450,477	22,469,512	19,454,765	20,226,449

Table 10j
Supply and disposal of electric energy, Saskatchewan

	2001	2002	2003	2004
	megawatt hour			
Total supply	18,629,474	18,813,114	19,325,518	19,551,551
Production	17,215,587	17,969,669	19,788,679	19,436,700
Exports	280,024	460,805	707,742	685,546
Imports	917,957	962,686	907,758	1,082,597
Inter-regional transfers	775,954	341,564	-663,177	-282,200
Total industrial disposal	7,455,473	7,358,536	8,045,397	8,333,296
Mining	3,939,856	3,839,279	4,290,247	4,424,727
Total manufacturing	3,515,617	3,519,257	3,755,150	3,908,569
Pulp and paper	x	x	x	x
Iron and steel	x	x	x	x
Smelting and refining, non-ferrous	x	x	x	x
Cement	x	x	x	x
Petroleum refining	x	x	x	x
Chemicals	x	x	x	x
Other manufacturing	x	x	x	x
Pipelines	1,360,631	1,271,932	1,435,480	1,541,791
Urban transit	0	0	0	2,468
Street lighting	66,349	56,075	64,457	66,721
Agriculture	1,385,691	1,366,853	1,441,919	1,349,814
Residential	2,762,137	2,835,742	2,901,089	2,863,647
Public administration	267,712	259,034	287,673	272,291
Commercial and other institutional	3,569,212	3,798,190	3,502,921	3,459,172
Unallocated energy	1,762,269	1,866,752	1,646,582	1,752,351
Total disposal	18,629,474	18,813,114	19,325,518	19,641,551

Table 10k
Supply and disposal of electric energy, Alberta

	2001	2002	2003	2004
	megawatt hour			
Total supply	60,335,190	62,230,431	60,857,169	62,206,728
Production	61,648,122	61,609,119	60,313,851	61,415,647
Exports	628,390	103,086	73,583	130,888
Imports	184,867	307,935	331,159	366,611
Inter-regional transfers	-869,409	416,463	285,742	555,358
Total industrial disposal	31,198,542	32,220,451	31,090,083	31,910,734
Mining	17,824,788	18,344,983	17,990,128	18,301,263
Total manufacturing	13,373,754	13,875,468	13,099,955	13,609,471
Pulp and paper	3,767,384	3,911,440	3,706,357	3,636,141
Iron and steel	x	x	x	x
Smelting and refining, non-ferrous	x	x	x	x
Cement	x	x	x	x
Petroleum refining	1,243,219	1,215,768	1,255,625	1,416,455
Chemicals	5,203,335	5,545,482	5,100,573	5,237,141
Other manufacturing	2,652,547	2,754,368	2,595,835	2,837,120
Pipelines	858,147	757,925	677,258	604,573
Urban transit	71,984	112,232	119,939	145,153
Street lighting	221,657	231,886	242,287	265,676
Agriculture	1,846,988	1,856,369	1,928,102	2,038,101
Residential	7,722,580	7,989,180	7,539,844	7,650,109
Public administration	205,483	309,368	331,317	409,920
Commercial and other institutional	13,345,847	13,510,126	13,503,725	13,784,961
Unallocated energy	4,863,962	5,242,894	5,424,614	5,397,501
Total disposal	60,335,190	62,230,431	60,857,169	62,206,728

Table 101
Supply and disposal of electric energy, British Columbia

	2001	2002	2003	2004
	megawatt hour			
Total supply	62,622,483	62,895,203	60,837,303	62,228,159
Production	58,763,708	65,334,858	63,382,578	61,979,104
Exports	6,036,983	7,506,150	8,638,586	6,866,980
Imports	8,413,952	5,392,945	5,944,740	7,310,108
Inter-regional transfers	1,481,806	-326,450	148,571	-194,073
Total industrial disposal	27,642,649	27,538,668	28,528,066	30,083,885
Mining	3,320,234	3,159,966	2,699,486	2,592,466
Total manufacturing	24,322,415	24,378,702	25,828,580	27,491,419
Pulp and paper	x	x	x	x
Iron and steel	x	x	x	x
Smelting and refining, non-ferrous	x	x	x	x
Cement	x	x	x	x
Petroleum refining	x	x	x	x
Chemicals	1,643,592	1,777,507	1,818,426	1,689,086
Other manufacturing	3,759,472	4,001,564	4,121,950	3,973,883
Pipelines	53,157	55,131	59,957	55,692
Urban transit	115,551	144,500	148,786	138,203
Street lighting	238,742	239,318	200,220	190,284
Agriculture	399,714	373,262	359,393	403,390
Residential	16,173,880	16,678,306	16,434,464	17,532,048
Public administration	778,973	718,163	686,135	663,977
Commercial and other institutional	13,361,067	13,406,039	13,203,934	12,625,794
Unallocated energy	3,858,750	3,741,816	1,216,348	534,886
Total disposal	62,622,483	62,895,203	60,837,303	62,228,159

Table 10m
Supply and disposal of electric energy, Yukon

	2001	2002	2003	2004
	megawatt hour			
Total supply	298,577	312,118	320,127	330,162
Production	298,577	312,118	320,127	330,162
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	0	0	0	0
Total industrial disposal	7,070	15,174	17,696	18,387
Mining	7,070	15,174	17,696	18,387
Total manufacturing	0	0	0	0
Pulp and paper	0	0	0	0
Iron and steel	0	0	0	0
Smelting and refining, non-ferrous	0	0	0	0
Cement	0	0	0	0
Petroleum refining	0	0	0	0
Chemicals	0	0	0	0
Other manufacturing	0	0	0	0
Pipelines	0	0	0	0
Urban transit	0	0	0	0
Street lighting	3,935	4,013	4,144	3,565
Agriculture	0	0	0	0
Residential	117,031	117,929	119,582	116,841
Public administration	0	0	0	0
Commercial and other institutional	147,039	138,543	143,056	157,131
Unallocated energy	23,502	36,459	35,649	34,238
Total disposal	298,577	312,118	320,127	330,162

Table 10n
Supply and disposal of electric energy, Northwest Territories

	2001	2002	2003	2004
	megawatt hour			
Total supply	543,014	551,852	646,241	680,008
Production	543,014	551,852	646,241	680,008
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	0	0	0	0
Total industrial disposal	251,871	260,237	325,509	334,901
Mining	251,871	260,237	325,509	334,901
Total manufacturing	0	0	0	0
Pulp and paper	0	0	0	0
Iron and steel	0	0	0	0
Smelting and refining, non-ferrous	0	0	0	0
Cement	0	0	0	0
Petroleum refining	0	0	0	0
Chemicals	0	0	0	0
Other manufacturing	0	0	0	0
Pipelines	0	0	0	0
Urban transit	0	0	0	0
Street lighting	4,057	4,205	4,302	4,133
Agriculture	0	0	0	0
Residential	103,832	110,514	109,689	115,196
Public administration	0	0	0	0
Commercial and other institutional	166,236	170,281	174,988	180,023
Unallocated energy	17,018	6,615	31,753	45,755
Total disposal	543,014	551,852	646,241	680,008

Table 10o
Supply and disposal of electric energy, Nunavut

	2001	2002	2003	2004
	megawatt hour			
Total supply	256,490	191,632	133,225	139,445
Production	256,490	191,632	133,225	139,445
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	0	0	0	0
Total industrial disposal	92,006	66,137	0	0
Mining	92,006	66,137	0	0
Total manufacturing	0	0	0	0
Pulp and paper	0	0	0	0
Iron and steel	0	0	0	0
Smelting and refining, non-ferrous	0	0	0	0
Cement	0	0	0	0
Petroleum refining	0	0	0	0
Chemicals	0	0	0	0
Other manufacturing	0	0	0	0
Pipelines	0	0	0	0
Urban transit	0	0	0	0
Street lighting	3,104	2,424	2,574	3,035
Agriculture	0	0	0	0
Residential	62,835	48,234	51,204	58,879
Public administration	0	0	0	0
Commercial and other institutional	95,859	74,431	79,015	77,531
Unallocated energy	2,686	406	432	0
Total disposal	256,490	191,632	133,225	139,445

Methodology and Data Quality

This publication presents annual commodity and operating statistics on the electric utility industry in Canada (code 2211 of the North American Industrial Classification System, catalogue number 12-501-XPE). For completeness, the report also provides data on industrial establishments with generating facilities.

Statistics on the supply and disposition of electric energy are compiled from an annual survey of all power producers in Canada (approximately 300 producers operating some 1,100 stations). The response rate for the survey is very high - over 98%. As a consequence, minimal imputation is required and minimal bias resulting from non-response is introduced in these data. Exports and imports information are obtained from the National Energy Board.

Financial and operating statistics are compiled from an annual survey of major electric utilities in Canada. As a consequence, minimal imputation is required and minimal bias resulting from non-response is introduced in these data.

Installed generating capacity data are obtained from an annual survey of electric utilities and industrial establishments which have at least one plant with total generating capacity of over 500 KW. The survey covers some 900 generating stations.

Data published in this report are subject to a certain degree of error, be it in differences in the interpretation of the questions, or mistakes introduced during processing. Reasonable efforts are made to ensure these errors are kept within acceptable limits through careful questionnaire design, liaison with major respondents, editing of data for inconsistencies and subsequent follow-up and quality control of manual processing operations. Historically, experience has indicated that the data rarely contain a serious error.

Glossary of Terms

Capability: The maximum that a station or equipment is capable of carrying under specific conditions.

Capacity: In the electric power industry, capacity has two meanings:

1. **System Capacity:** The maximum power capability of a system. For example, a utility system might have a rated capacity of 5,000 megawatts, or might sell 50 megawatts of capacity (i.e. of power).
2. **Equipment Capacity:** The maximum power capability of a piece of equipment. For example, a generating unit might have a rated capacity of 50 megawatts.

Cogeneration: The combined production of electricity and useful heat. Cogeneration is often employed at industrial plants where the heat produced can be utilized in the manufacturing processes and for general space heating.

Conventional Generation: Electricity that is produced at a generating station where the prime movers are driven by gases or steam produced by burning fossil fuels.

Electric Utility: An organization that, as its prime purpose, generates, transmits and/or distributes electric energy for sale.

Firm energy or power: Electrical energy or power intended to be available at all times during the period of the agreement of its sale.

Grid: A network of electric power lines and connections.

Hydroelectric Power: The production of electricity from the kinetic energy of falling water.

Installed Capacity: The capacity measured at the output terminals of all generating units in a station, without deducting station service requirements.

Interruptible Energy or Power: Energy or power made available under an agreement that permits curtailment or interruption of delivery at the option of the supplier.

Kilowatt (KW): The commercial unit of electric power; 1000 watts. A kilowatt can best be visualized as the total amount of power needed to light ten 100-watt light bulbs.

Kilowatt Hour (KW.h): The commercial unit of electric energy; 1000 watt hours. A kilowatt hour can best be visualized as the amount of electricity consumed by ten 100-watt light bulbs burning for an hour. One kilowatt hour is equal to 3.6 million joules.

Load: The amount of electric power or energy consumed by a particular customer or group of customers.

Load Factor: The ratio of the average load during a designed period to the peak or maximum load in that same period. (Usually expressed in per cent.)

Megawatt (MW): A unit of bulk power; 1,000 kilowatts.

Megawatt Hour (MW.h): A unit of bulk energy; 1,000 kilowatt hours.

Nuclear Power: Electricity generated at an electric power plant whose turbines are driven by steam generation in a reactor by heat from the fission of nuclear fuel.

Peak Demand: The maximum power demand registered by a customer or a group of customers or a system in a stated period of time such as a month or a year. The value may be the maximum instantaneous load or more, usually the average load over a designated interval of time, such as one hour, and is normally stated in kilowatts or in megawatts.

Reserve Generating Capacity: The extra generating capacity required on any power system over and above the expected peak load. Such a reserve is required mainly for two reasons: (1) in case of an unexpected breakdown of generating equipment; (2) in case the actual peak load is higher than forecast.

Winter Peak: The highest load on a power system during the six-month period October to March. The winter peak almost always occurs in January or early February.