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2006



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Electric Power Generation, Transmission and Distribution

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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 *Statistics Act*
- 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

In 2006, coal accounted for 77% of all the fuels consumed to generate electricity in Canada and 36% of the cost of these fuels. Conversely, natural gas accounted for 13% of all fuels consumed in 2006 but 47% of the cost of fuels used.

Alberta (45.5%), Ontario (25.8%), and Saskatchewan (15.0%) were the three largest users of fuels for the production of electricity in Canada in 2006.

Overall, Alberta used 51% of all coal and 42% of all the natural gas consumed in Canada for the production of electricity, while Ontario consumed 24% and 32% respectively and Saskatchewan consumed 18% and 10% respectively.

In 2006, Quebec was again the largest producer of electric power in Canada generating 30.4% of all of Canada's electric power and 49.9% of all hydro-electric power. Quebec used only 1.2% of total fuels consumed for other forms of electricity production.

Electricity generated by wind increased again in 2006, up 44.3% 2,466 GW.h from 1,709 GW.h in 2005. This represents 0.4% of the total electricity generated in Canada in 2006, up from the 0.3% in 2005.

Analysis

Electricity Generation

In 2006, net electricity generation (total generation less energy used in generating station service) decreased 2.1% to 592 008 GW.h. Of the total electricity generated, 549 272 GW.h was for use in Canada, a decrease of 2.1% from 2005. The remaining 42 736 GW.h was exported, a decrease of 1.8% from the previous year.

Hydro is the main source (59%) of electricity generation in Canada. Hydro stations produced 349 469 GW.h, down 2.5% from 2005. Generation from nuclear sources increased 6.4% from 2005 to 92 419 GW.h. Production from conventional steam plants decreased by 9.3% to 118 252 GW.h.

Domestic demand for electricity (including self-generated electricity) decreased 1.3% to 572 896 GW.h in 2006. Residential use decreased to 148 631 GW.h from 150 986 GW.h in 2006. Industrial use decreased 1.7% to 234 695 GW.h.

Sales

Total domestic sales of electricity to ultimate customers decreased 2.1% in 2006 to 477 507 GW.h. Revenue received from sales totalled \$34,524 million, up 0.4% from 2005.

Revenues per kilowatt-hour for residential and agricultural sales for 2006 are 8.81 cents, up 5.9% from 2005. Revenues range from 6.23 cents per kilowatt-hour in Manitoba to 35.18 cents per kilowatt-hour in the Northwest Territories and Nunavut.

Financial Data

Operating revenues of electric utilities decreased 4.7% in 2006 to \$51,621 million. Operating expenses decreased 2.8% to \$41,154 million. Electric utilities registered a net income of \$5,756 million in 2006, down 1.9% from 2005.

Total assets stood at \$176,603 million, up 3.5% from a year earlier. Long term debt is 44.0 per cent of total assets, up from 42.7% in 2005.

There were 76,566 persons employed by electric utilities in 2006, an increase of 0.1% from the previous year. Wages and salaries increased 14.0% for a total wage bill of \$6,516 million in 2006. Publicly operated utilities reported total wages and salaries of \$5,705 million, while private utilities reported \$811 million.

Cost of fuels

While generation by electric utility thermal plants decreased 2.5%, their expenditures on fuel decreased 8.1% in 2006 to \$4,155 million. Decreased in thermal generation led to a 2.1% decrease in expenditures on natural gas to \$1,956 million. The amount spent on petroleum products decreased 41.6% to \$429 million. Expenditures on coal decreased 2.5% to \$1,497 million. The average delivered efficiency of thermal plants is 30.4%.

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 2006 reached 123 792 MW, an increase of 1.5% from the 2005 level of 122 021 MW. In 2006, utilities' generating capacity totalled 115 832 MW, while industry reported 7 960 MW. New stations totalled 1 896 MW in 2006.

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.

Statistical tables

Table 1
Installed generating nameplate capacity, by province or territory and type of organization, 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
	kilowatts						
Utilities and industries							
Hydro	72,660,588	6,777,200	0	403,750	935,770	36,686,299	8,348,562
Wind and tidal	1,462,599	0	13,560	52,960	0	321,750	413,529
Thermal	49,669,227	716,933	157,550	2,006,425	3,613,138	3,210,502	23,758,641
Steam	27,224,615	490,000	67,100	1,686,125	2,150,100	1,194,450	9,817,950
Nuclear	13,345,000	0	0	0	680,000	675,000	11,990,000
Internal combustion	600,126	33,933	0	0	14,338	129,002	74,610
Combustion turbine	8,499,486	193,000	90,450	320,300	768,700	1,212,050	1,876,081
Total installed capacity	123,792,414	7,494,133	171,110	2,463,135	4,548,908	40,218,551	32,520,732
Percentage of total for Canada	100.00	6.05	0.14	1.99	3.67	32.49	26.27
Total installed capacity, 2005	122,020,812	7,494,723	171,110	2,451,035	4,693,808	38,792,424	32,278,643
Percentage change from 2005	1.45	-0.01	0.00	0.49	-3.09	3.68	0.75
Public utilities							
Hydro	63,614,947	6,407,520	0	0	893,330	33,013,549	7,105,717
Wind and tidal	176,880	0	10,560	0	0	2,250	2,400
Thermal	27,426,785	673,933	0	0	3,205,838	2,219,402	15,559,460
Steam	16,270,800	490,000	0	0	1,982,800	660,000	8,462,000
Nuclear	8,335,000	0	0	0	680,000	675,000	6,980,000
Internal combustion	379,815	33,933	0	0	14,338	123,402	33,460
Combustion turbine	2,441,170	150,000	0	0	528,700	761,000	84,000
Total installed capacity	91,218,612	7,081,453	10,560	0	4,099,168	35,235,201	22,667,577
Percentage of total for Canada	100.00	7.76	0.01	0.00	4.49	38.63	24.85
Total installed capacity, 2005	90,674,037	7,082,043	10,560	0	4,234,068	34,610,296	22,701,502
Percentage change from 2005	0.60	-0.01	0.00	0.00	-3.19	1.81	-0.15
Private utilities							
Hydro	4,373,621	252,630	0	398,750	31,640	982,350	983,735
Wind and tidal	1,285,119	0	3,000	52,960	0	319,500	410,529
Thermal	18,954,657	0	157,550	1,962,665	340,000	834,050	7,698,766
Steam	9,089,590	0	67,100	1,642,365	100,000	377,400	1,051,000
Nuclear	5,010,000	0	0	0	0	0	5,010,000
Internal combustion	140,251	0	0	0	0	5,600	34,685
Combustion turbine	4,714,816	0	90,450	320,300	240,000	451,050	1,603,081
Total installed capacity	24,613,397	252,630	160,550	2,414,375	371,640	2,135,900	9,093,030
Percentage of total for Canada	100.00	1.03	0.65	9.81	1.51	8.68	36.94
Total installed capacity, 2005	23,348,507	252,630	160,550	2,399,775	381,640	1,368,600	8,793,436
Percentage change from 2005	5.42	0.00	0.00	0.61	-2.62	56.06	3.41
Industries							
Hydro	4,672,020	117,050	0	5,000	10,800	2,690,400	259,110
Wind and tidal	600	0	0	0	0	0	600
Thermal	3,287,785	43,000	0	43,760	67,300	157,050	500,415
Steam	1,864,225	0	0	43,760	67,300	157,050	304,950
Nuclear	0	0	0	0	0	0	0
Internal combustion	80,060	0	0	0	0	0	6,465
Combustion turbine	1,343,500	43,000	0	0	0	0	189,000
Total installed capacity	7,960,405	160,050	0	48,760	78,100	2,847,450	760,125
Percentage of total for Canada	100.00	2.01	0.00	0.61	0.98	35.77	9.55
Total installed capacity, 2005	7,998,268	160,050	0	51,260	78,100	2,813,528	783,705
Percentage change from 2005	-0.47	0.00	0.00	-4.88	0.00	1.21	-3.01

Table 1 – continued

Installed generating nameplate capacity, by province or territory and type of organization, 2006

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	kilowatts						
Utilities and industries							
Hydro	5,024,372	854,660	924,028	12,598,047	76,700	31,200	0
Wind and tidal	103,950	171,180	384,860	0	810	0	0
Thermal	500,685	2,852,950	10,427,081	2,229,654	30,450	110,943	54,275
Steam	119,500	2,212,950	7,703,790	1,782,650	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	9,515	0	109,256	61,004	30,450	83,743	54,275
Combustion turbine	371,670	640,000	2,614,035	386,000	0	27,200	0
Total installed capacity	5,629,007	3,878,790	11,735,969	14,827,701	107,960	142,143	54,275
Percentage of total for Canada	4.55	3.13	9.48	11.98	0.0900	0.0012	0.0004
Total installed capacity, 2005	5,544,857	3,873,390	11,619,728	14,794,551	108,660	143,608	54,275
Percentage change from 2005	1.52	0.14	1.00	0.22	-0.64	-0.74	0.00
Public utilities							
Hydro	5,024,372	854,660	52,200	10,156,999	75,400	31,200	0
Wind and tidal	0	159,960	900	0	810	0	0
Thermal	478,685	2,329,500	1,755,225	1,091,504	22,400	36,563	54,275
Steam	97,500	2,026,500	1,602,000	950,000	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	9,515	0	11,125	48,504	22,400	28,863	54,275
Combustion turbine	371,670	303,000	142,100	93,000	0	7,700	0
Total installed capacity	5,503,057	3,344,120	1,808,325	11,248,503	98,610	67,763	54,275
Percentage of total for Canada	6.03	3.67	1.98	12.33	0.0011	0.0007	0.0006
Total installed capacity, 2005	5,503,057	3,275,720	1,798,325	11,236,353	98,610	69,228	54,275
Percentage change from 2005	0.00	2.09	0.56	0.11	0.00	-1.19	0.00
Private utilities							
Hydro	0	0	871,828	851,388	1,300	0	0
Wind and tidal	103,950	11,220	383,960	0	0	0	0
Thermal	0	482,000	7,050,496	419,600	8,050	1,480	0
Steam	0	145,000	5,477,225	229,500	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	0	0	83,336	7,100	8,050	1,480	0
Combustion turbine	0	337,000	1,489,935	183,000	0	0	0
Total installed capacity	103,950	493,220	8,306,284	1,270,988	9,350	1,480	0
Percentage of total for Canada	0.42	2.00	33.75	5.16	0.04	0.01	0.00
Total installed capacity, 2005	19,800	493,220	8,196,188	1,271,138	10,050	1,480	0
Percentage change from 2005	425.00	0.00	1.34	-0.01	-6.97	0.00	0.00
Industries							
Hydro	0	0	0	1,589,660	0	0	0
Wind and tidal	0	0	0	0	0	0	0
Thermal	22,000	41,450	1,621,360	718,550	0	72,900	0
Steam	22,000	41,450	624,565	603,150	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	0	0	14,795	5,400	0	53,400	0
Combustion turbine	0	0	982,000	110,000	0	19,500	0
Total installed capacity	22,000	41,450	1,621,360	2,308,210	0	72,900	0
Percentage of total for Canada	0.28	0.52	20.37	29.00	0.00	0.92	0.00
Total installed capacity, 2005	22,000	104,450	1,625,215	2,287,060	0	72,900	0
Percentage change from 2005	0.00	-60.32	-0.24	0.92	0.00	0.00	0.00

Table 2
Generation of electric energy, 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
	megawatt-hours						
Electric utilities and industry							
Hydro	349,469,015	41,709,866	0	1,019,420	3,730,625	172,591,117	36,032,893
Wind and tidal	2,466,767	0	36,249	128,679	0	418,791	144,467
Thermal	240,072,039	1,058,205	6,251	10,305,730	14,473,995	7,237,943	121,845,852
Steam	118,251,518	740,089	5,096	10,199,890	8,379,101	1,323,965	30,199,278
Nuclear	92,418,514	0	0	0	4,366,463	4,595,198	83,456,853
Internal combustion	3,591,329	42,872	32	0	4,897	260,926	2,665,985
Combustion turbine	25,810,678	275,244	1,123	105,840	1,723,534	1,057,854	5,523,736
Total energy generated	592,007,821	42,768,071	42,500	11,453,829	18,204,620	180,247,851	158,023,212
Percentage of total for Canada	100.00	7.20	0^s	1.90	3.10	30.40	26.70
Electric utilities							
Hydro	316,147,831	40,056,901	0	978,661	3,714,228	151,792,208	35,004,137
Wind and tidal	2,466,664	0	36,249	128,679	0	418,791	144,467
Thermal	222,466,497	773,346	6,251	10,106,146	13,781,147	6,805,737	119,509,894
Steam	106,442,047	740,089	5,096	10,000,306	7,686,253	891,759	28,735,266
Nuclear	92,418,514	0	0	0	4,366,463	4,595,198	83,456,853
Internal combustion	3,191,811	42,872	32	0	4,897	260,926	2,541,836
Combustion turbine	20,414,125	-9,615	1,123	105,840	1,723,534	1,057,854	4,775,939
Total energy generated	541,079,992	40,830,247	42,500	11,213,486	17,495,375	159,016,736	154,658,498
Percentage of total for Canada	100.00	7.50	0^s	2.10	3.20	29.40	28.60
Industry							
Hydro	33,321,184	1,652,965	0	40,759	16,397	20,798,909	1,028,756
Wind and tidal	1,103	0	0	0	0	0	0
Thermal	17,605,542	284,859	0	199,584	692,848	432,206	2,335,958
Steam	11,809,471	0	0	199,584	692,848	432,206	1,464,012
Nuclear	0	0	0	0	0	0	0
Internal combustion	399,518	0	0	0	0	0	124,149
Combustion turbine	5,396,553	284,859	0	0	0	0	747,797
Total energy generated	50,927,829	1,937,824	0	240,343	709,245	21,231,115	3,364,714
Percentage of total for Canada	100.00	3.80	0.00	0.50	1.40	41.70	6.60

Table 2 – continued

Generation of electric energy, 2006

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
megawatt-hours							
Electric utilities and industry							
Hydro	33,650,538	4,031,938	1,868,916	54,247,228	334,608	251,866	0
Wind and tidal	325,115	572,202	840,685	0	579	0	0
Thermal	503,412	15,060,990	61,398,827	7,610,789	23,844	401,492	144,709
Steam	463,490	13,824,364	47,485,587	5,630,658	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	12,696	2,918	116,034	48,078	23,844	268,338	144,709
Combustion turbine	27,226	1,233,708	13,797,206	1,932,053	0	133,154	0
Total energy generated	34,479,065	19,665,130	64,108,428	61,858,017	359,031	653,358	144,709
Percentage of total for Canada	5.80	3.30	10.80	10.40	0.10	0.10	0.10
Electric utilities							
Hydro	33,650,538	4,031,938	1,868,916	44,463,830	334,608	251,866	0
Wind and tidal	325,115	572,202	839,582	0	579	0	0
Thermal	394,638	14,756,587	53,367,051	2,722,910	23,844	74,237	144,709
Steam	354,716	13,522,361	42,880,531	1,625,670	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	12,696	518	98,013	10,754	23,844	50,714	144,709
Combustion turbine	27,226	1,233,708	10,388,507	1,086,486	0	23,523	0
Total energy generated	34,370,291	19,360,727	56,075,549	47,186,740	359,031	326,103	144,709
Percentage of total for Canada	6.40	3.60	10.40	8.70	0.10	0.10	0.10
Industry							
Hydro	0	0	0	9,783,398	0	0	0
Wind and tidal	0	0	1,103	0	0	0	0
Thermal	108,774	304,403	8,031,776	4,887,879	0	327,255	0
Steam	108,774	302,003	4,605,056	4,004,988	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	0	2,400	18,021	37,324	0	217,624	0
Combustion turbine	0	0	3,408,699	845,567	0	109,631	0
Total energy generated	108,774	304,403	8,032,879	14,671,277	0	327,255	0
Percentage of total for Canada	0.20	0.60	15.80	28.80	0.00	0.60	0.00

Table 3
Supply and disposition of electric energy, electric utilities and industry, 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
	megawatt-hours						
Total net generation	592,007,821	42,768,071	42,500	11,453,829	18,204,620	180,247,851	158,023,212
Total received from other provinces	...	15,657	1,262,821	106,308	171,935	36,297,398	4,945,220
Purchased	...	15,657	1,262,821	106,308	171,935	36,297,398	4,945,220
Exchanged	...	0	0	0	0	0	0
Total imported	23,623,767	0	0	24,588	510,833	2,534,149	6,103,501
Purchased	23,491,777	0	0	24,588	510,833	2,534,149	6,073,547
Thousands of dollars	1,159,084	0	0	1,484	26,711	150,854	294,986
Exchanged	131,990	0	0	0	0	0	29,954
Total delivered to other provinces	...	31,347,584	0	118,675	2,003,693	2,110,865	5,147,414
Firm	...	31,347,584	0	96,288	1,562,702	1,963,267	4,059,625
Secondary	...	0	0	22,387	440,991	147,598	1,087,789
Exchanged	...	0	0	0	0	0	0
Total exported	42,735,776	0	0	228,598	2,140,790	11,712,012	10,566,345
Thousands of dollars	2,585,411	0	0	12,711	138,010	900,917	533,740
Firm	16,326,235	0	0	1,375	1,180,553	3,743,920	6,389,711
Thousands of dollars	920,452	0	0	83	75,539	254,967	313,604
Secondary	26,526,606	0	0	227,223	960,237	7,968,092	4,233,721
Thousands of dollars	1,664,959	0	0	12,628	62,471	645,950	220,136
Exchanged	-117,065	0	0	0	0	0	-57,087
Total made available	572,895,812	11,436,144	1,305,321	11,237,452	14,742,905	205,256,521	153,358,174
Sales to ultimate customers	477,506,904	8,653,537	1,206,809	10,122,929	13,492,529	171,580,527	133,871,860
Thousands of dollars	34,523,906	576,558	147,457	941,898	1,063,121	9,501,960	12,246,702
Residential	148,630,566	3,331,273	163,069	4,011,348	5,381,756	57,023,118	43,973,850
Thousands of dollars	13,043,829	309,065	23,311	437,639	503,645	3,787,934	5,056,992
Agriculture	9,864,171	26,992	270,342	58,903	96,988	1,903,328	2,235,488
Thousands of dollars	923,144	2,628	35,159	6,599	6,304	128,583	280,457
Mining and manufacturing	183,288,009	3,198,822	202,738	2,882,214	5,927,723	77,932,006	34,923,663
Thousands of dollars	9,366,499	77,518	23,549	185,488	339,700	3,145,190	2,512,290
Other industries	135,724,158	2,096,450	570,660	3,170,464	2,086,062	34,722,075	52,738,859
Thousands of dollars	11,190,434	187,347	65,438	312,172	213,472	2,440,253	4,396,963
Used by producers	52,367,492	1,871,257	5,406	277,264	401,875	231,093,469	5,639,280
Unallocated energy	43,021,416	911,350	93,106	837,259	848,501	12,582,525	13,847,034
Total disposal	572,895,812	11,436,144	1,305,321	11,237,452	14,742,905	205,256,521	153,358,174

Table 3 – continued

Supply and disposition of electric energy, electric utilities and industry, 2006

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	megawatt-hours						
Total net generation	34,479,065	19,665,130	64,108,428	61,858,017	359,031	653,358	144,709
Total received from other provinces	1,158,828	1,152,103	2,025,418	420,891	0	0	0
Purchased	1,158,828	1,152,103	2,025,418	420,891	0	0	0
Exchanged	0	0	0	0	0	0	0
Total imported	828,572	1,147,079	209,326	12,265,719	0	0	0
Purchased	819,158	1,147,079	209,326	12,173,097	0	0	0
Thousands of dollars	36,614	50,392	12,918	585,125	0	0	0
Exchanged	9,414	0	0	92,622	0	0	0
Total delivered to other provinces	3,809,287	1,183,277	784,443	1,051,341	0	0	0
Firm	2,404,115	1,183,277	0	0	0	0	0
Secondary	1,405,172	0	784,443	1,051,341	0	0	0
Exchanged	0	0	0	0	0	0	0
Total exported	12,344,448	594,674	67,414	5,081,495	0	0	0
Thousands of dollars	645,115	28,020	3,463	323,435	0	0	0
Firm	3,426,567	594,674	63,901	925,534	0	0	0
Thousands of dollars	201,337	28,020	3,313	43,589	0	0	0
Secondary	8,885,703	0	3,513	4,248,117	0	0	0
Thousands of dollars	443,778	0	150	279,846	0	0	0
Exchanged	32,178	0	0	-92,156	0	0	0
Total made available	20,312,730	20,186,361	65,491,315	68,411,791	359,031	653,358	144,709
Sales to ultimate customers	18,593,770	17,844,490	49,842,987	51,530,664	318,062	312,463	136,277
Thousands of dollars	914,372	1,317,311	4,803,930	2,834,878	37,941	77,239	60,539
Residential	5,654,430	2,917,262	8,153,535	17,717,361	132,055	111,225	60,284
Thousands of dollars	358,770	335,477	945,810	1,209,449	15,405	32,639	27,693
Agriculture	1,503,077	1,271,623	2,128,354	369,076	0	0	0
Thousands of dollars	87,124	118,110	239,116	19,064	0	0	0
Mining and manufacturing	5,947,069	7,942,769	24,856,335	19,437,577	18,112	18,981	0
Thousands of dollars	195,897	424,848	1,663,271	794,885	1,490	2,373	0
Other industries	5,489,194	5,712,836	14,704,763	14,006,650	167,895	182,257	75,993
Thousands of dollars	272,581	438,876	1,955,733	811,480	21,046	42,227	32,846
Used by producers	108,774	670,629	9,345,119	12,636,529	0	317,890	0
Unallocated energy	1,610,186	1,671,242	6,303,209	4,244,598	40,969	23,005	8,432
Total disposal	20,312,730	20,186,361	65,491,315	68,411,791	359,031	653,358	144,709

Table 4
Residential and agriculture sales of electric power, 2002 to 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
	number						
Customers							
2002	12,556,269	219,708	54,746	459,814	322,856	3,411,933	4,393,746
2003	12,730,482	222,019	55,100	461,199	328,180	3,480,059	4,469,860
2004	12,962,567	224,741	55,154	461,203	330,901	3,528,821	4,539,038
2005	13,144,456	225,386	54,816	461,847	331,932	3,566,286	4,649,616
2006	13,563,110	227,444	54,863	447,623	337,000	3,477,903	4,596,428
	megawatt-hours						
Energy							
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	161,140,720	3,411,477	400,304	4,174,759	5,618,129	60,211,046	47,524,253
2005	161,234,671	3,408,257	404,893	4,188,934	5,616,796	59,250,377	47,887,572
2006	158,494,737	3,358,265	433,411	4,070,251	5,478,744	58,926,446	46,209,338
	thousands of dollars						
Revenue							
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
2005	13,413,062	300,855	55,528	422,799	496,634	3,818,504	5,148,308
2006	13,966,973	311,693	58,470	444,238	509,949	3,916,517	5,337,449
Average annual bill	dollars						
2002	950.43	1,164.88	933.29	856.80	1,318.46	977.38	1,020.14
2003	959.81	1,191.09	923.39	874.34	1,362.87	1,045.35	1,000.80
2004	1,006.53	1,245.15	1,037.44	898.82	1,419.18	1,084.95	1,087.01
2005	1,020.43	1,334.84	1,012.99	915.45	1,496.19	1,070.72	1,107.25
2006	1,029.78	1,370.42	1,065.75	992.44	1,513.20	1,126.11	1,161.22
	kilowatt-hours						
Consumption per customer							
2002	12,246	15,393	7,377	8,852	16,354	16,166	10,623
2003	12,409	15,287	6,851	8,840	16,599	17,064	10,480
2004	12,431	15,180	7,258	9,052	16,978	17,063	10,470
2005	12,266	15,122	7,386	9,070	16,922	16,614	10,299
2006	11,686	14,765	7,900	9,093	16,257	16,943	10,053
Revenue in cents							
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
2005	8.32	8.83	13.71	10.09	8.84	6.44	10.75
2006	8.81	9.28	13.49	10.91	9.31	6.65	11.55

Table 4 – continued

Residential and agriculture sales of electric power, 2002 to 2006

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	number						
Customers							
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
2005	493,432	451,069	1,254,697	1,619,711	13,134	14,845	7,685
2006	482,932	438,199	1,857,209	1,607,235	13,643	14,946	7,685
	megawatt-hours						
Energy							
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	119,841	115,196	58,879
2005	7,923,649	4,234,709	10,003,214	18,023,459	120,274	113,353	59,184
2006	7,157,507	4,188,885	10,281,889	18,086,437	132,055	111,225	60,284
	thousands of dollars						
Revenue							
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
2005	470,447	436,254	1,025,312	1,164,787	13,834	32,107	27,693
2006	445,894	453,587	1,184,926	1,228,513	15,405	32,639	27,693
	dollars						
Average annual bill							
2002	901.43	919.50	918.21	654.65	1,051.87	1,849.05	2,216.22
2003	920.48	941.49	865.60	639.05	1,085.77	1,827.91	2,453.05
2004	887.01	928.08	804.06	711.84	1,045.19	2,121.06	3,263.40
2005	953.42	967.16	817.18	719.13	1,053.30	2,162.82	3,603.51
2006	923.31	1,035.12	638.01	764.36	1,129.15	2,183.79	3,603.51
	kilowatt-hours						
Consumption per customer							
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	9,102	7,718	7,678
2005	16,058	9,388	7,973	11,128	9,157	7,636	7,701
2006	14,821	9,559	5,536	11,253	9,679	7,442	7,844
Revenue in cents							
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	11.48	27.48	42.51
2005	5.94	10.30	10.25	6.46	11.50	28.32	46.79
2006	6.23	10.83	11.52	6.79	11.67	29.35	45.94

Table 5
Administrative and operating employees and wages and salaries of electric utilities, 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
Total utilities							
Number of employees	76,566	1,513	136	1,232	2,854	22,572	29,673
Wages and salaries (\$'000)	6,515,899	142,798	7,862	117,991	225,593	1,671,560	2,901,092
Public utilities							
Number of employees	67,532	1,210	19	0	2,850	22,412	25,984
Wages and salaries (\$'000)	5,704,778	115,141	173	0	225,345	1,661,394	2,481,352
Private utilities							
Number employees	9,034	303	117	1,232	4	160	3,689
Wages and salaries (\$'000)	811,121	27,657	7,689	117,991	248	10,166	419,740
	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
Total utilities							
Number of employees	4,547	2,768	5,144	5,492	111	226	298
Wages and salaries (\$'000)	306,609	189,125	359,847	549,456	9,085	19,397	15,484
Public utilities							
Number of employees	4,547	2,768	2,232	4,939	73	200	298
Wages and salaries (\$'000)	306,609	189,125	159,727	527,325	5,896	17,207	15,484
Private utilities							
Number employees	0	0	2,912	553	38	26	0
Wages and salaries (\$'000)	0	0	200,120	22,131	3,189	2,190	0

Table 6-1
Electric utility thermal plants — Fuel use, 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
Fuel consumed							
Total coal	50,229,123	0	0	2,541,993	1,103,614	0	11,807,426
Canadian bituminous (Mg)	1,000,274	0	0	386,505	109,194	0	0
Imported bituminous (Mg)	7,168,589	0	0	2,155,488	994,420	0	4,018,681
Canadian sub-bituminous (Mg)	25,064,926	0	0	0	0	0	0
Imported sub-bituminous (Mg)	6,801,100	0	0	0	0	0	6,607,856
Lignite (Mg)	10,194,234	0	0	0	0	0	1,180,889
Total petroleum	1,524,936	216,172	1,393	165,516	928,490	76,929	61,111
Light fuel oil (kl)	36,222	1,679	252	4,519	5,228	2,059	15,355
Heavy fuel oil (kl)	1,342,472	200,098	1,141	125,718	921,960	47,799	45,756
Diesel (kl)	146,242	14,395	0	35,279	1,302	27,071	0
Natural gas ('000 cu.m)	8,770,562	0	0	0	533,857	325,013	2,833,982
Wood (Mg)	1,984,505	0	1,012	122,225	0	192,584	476,992
Uranium (kg)	1,720,238	0	0	0	87,572	90,800	1,541,866
Other (Mg)	1,462,874	0	851	799,049	218,947	72,512	221,603
	average kilojoule content of fuel						
Energy content							
Canadian bituminous (kj/kg)	24,773	0	0	24,386	27,179	0	0
Imported bituminous (kj/kg)	28,631	0	0	28,375	26,283	0	29,349
Canadian sub-bituminous (kj/kg)	18,528	0	0	0	0	0	0
Imported sub-bituminous (kj/kg)	19,772	0	0	0	0	0	19,647
Lignite (kj/kg)	15,135	0	0	0	0	0	16,170
Light fuel oil (kj/l)	122,664	38,281	34,724	37,594	38,767	38,364	235,466
Heavy fuel oil (kj/l)	42,336	43,030	42,959	42,177	42,036	41,569	41,984
Diesel (kj/l)	38,743	38,178	0	37,564	39,136	37,790	0
Natural gas (kj/cu.m)	37,635	0	0	0	37,145	37,584	37,795
Wood (kj/kg)	17,296	0	8,370	20,344	0	19,121	17,810
Uranium (kj/g)	688,549	0	0	0	637,135	616,000	695,742
Other energy (kj/kg)	26,300	0	1,084	32,752	32,563	18,190	11,924
	thousand of dollars						
Cost of fuel used							
	4,154,759	74,835	381	305,190	458,102	121,504	1,380,833
Total coal	1,497,401	0	0	215,802	91,435	0	579,668
Canadian bituminous	47,213	0	0	18,076	11,507	0	0
Imported bituminous	558,414	0	0	197,725	79,928	0	280,760
Canadian sub-bituminous	377,812	0	0	0	0	0	0
Imported sub-bituminous	272,782	0	0	0	0	0	265,036
Lignite	241,179	0	0	0	0	0	33,872
Total petroleum	429,478	74,835	351	40,375	199,082	35,548	27,039
Light fuel oil	18,606	794	106	2,519	2,474	1,158	9,048
Heavy fuel oil	321,683	63,511	244	31,296	195,820	12,820	17,990
Diesel	89,188	10,529	0	6,559	787	21,570	0
Natural gas	1,956,103	0	0	0	144,277	70,743	596,958
Wood	24,194	0	30	8,093	0	2,314	7,287
Uranium	189,747	0	0	0	9,906	12,060	167,781
Other	57,836	0	0	40,920	13,402	839	2,100

Table 6-1 – continued

Electric utility thermal plants — Fuel use, 2006

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
Fuel consumed							
Total coal	193,244	9,013,345	25,569,501	0	0	0	0
Canadian bituminous (Mg)	0	0	504,575	0	0	0	0
Imported bituminous (Mg)	0	0	0	0	0	0	0
Canadian sub-bituminous (Mg)	0	0	25,064,926	0	0	0	0
Imported sub-bituminous (Mg)	193,244	0	0	0	0	0	0
Lignite (Mg)	0	9,013,345	0	0	0	0	0
Total petroleum	6,161	4,856	3,653	2,232	6,466	15,168	36,789
Light fuel oil	2,376	4,744	10	0	0	0	0
Heavy fuel oil (kl)	0	0	0	0	0	0	0
Diesel (kl)	3,785	112	3,643	2,232	6,466	15,168	36,789
Natural gas ('000 cu.m)	19,958	845,583	3,695,187	502,300	0	14,682	0
Wood (Mg)	0	0	475,051	716,641	0	0	0
Uranium (kg)	0	0	0	0	0	0	0
Other (Mg)	0	0	149,912	0	0	0	0
	average kilojoule content of fuel						
Energy content	0	0	24,550	0	0	0	0
Canadian bituminous (kj/kg)	0	0	0	0	0	0	0
Imported bituminous (kj/kg)	0	0	18,528	0	0	0	0
Canadian sub-bituminous (kj/kg)	24,049	0	0	0	0	0	0
Imported sub-bituminous (kj/kg)	0	15,000	0	0	0	0	0
Lignite (kj/kg)	45,494	41,000	38,680	0	0	0	0
Light fuel oil (kj/l)	0	0	0	0	0	0	0
Heavy fuel oil (kj/l)	36,428	38,680	38,184	39,844	38,546	37,615	45,911
Diesel (kj/l)	37,417	37,623	37,519	38,165	0	37,643	0
Natural gas (kj/cu.m)	0	0	14,212	18,000	0	0	0
Wood (kj/kg)	0	0	0	0	0	0	0
Uranium (kj/g)	0	0	8,085	0	0	0	0
Other energy (kj/kg)	0	0	0	0	0	0	0
	thousand of dollars						
Cost of fuel used	20,087	459,234	1,134,313	148,886	5,203	24,641	21,532
Total coal	7,745	207,306	395,440	0	0	0	0
Canadian bituminous	0	0	17,628	0	0	0	0
Imported bituminous	0	0	0	0	0	0	0
Canadian sub-bituminous	0	0	377,812	0	0	0	0
Imported sub-bituminous	7,745	0	0	0	0	0	0
Lignite	0	207,306	0	0	0	0	0
Total petroleum	4,272	1,360	1	1,179	5,203	18,695	21,532
Light fuel oil	1,218	1,283	1	0	0	0	0
Heavy fuel oil	0	0	0	0	0	0	0
Diesel	3,053	77	0	1,179	5,203	18,695	21,532
Natural gas	8,070	250,568	736,704	142,834	0	5,946	0
Wood	0	0	1,594	4,873	0	0	0
Uranium	0	0	0	0	0	0	0
Other	0	0	574	0	0	0	0

Table 6-2
Electric utility thermal plants — Electric power generation, 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
megawatt-hours							
Net generation, all fuels	222,466,497	773,346	6,251	10,106,145	13,781,146	6,805,738	119,509,894
Total coal	85,811,612	0	0	6,557,785	2,928,433	0	24,237,423
Canadian bituminous	1,991,146	0	0	886,333	230,436	0	0
Imported bituminous	18,991,220	0	0	5,671,452	2,697,997	0	10,621,771
Canadian sub-bituminous	39,108,456	0	0	0	0	0	0
Imported sub-bituminous	12,345,450	0	0	0	0	0	12,022,456
Lignite	13,375,340	0	0	0	0	0	1,593,196
Total petroleum	6,118,493	773,346	3,005	983,712	3,430,483	233,543	430,110
Light fuel oil	358,718	-9,480	2,633	16,952	11,457	3,973	308,160
Heavy fuel oil	5,268,122	738,835	372	860,920	3,414,998	131,047	121,950
Diesel	491,653	43,991	0	105,840	4,028	98,523	0
Natural gas	32,241,371	0	0	0	2,319,797	1,471,377	10,693,529
Wood	1,862,328	0	2,927	156,491	0	327,881	438,310
Uranium	92,418,514	0	0	0	4,366,463	4,595,198	83,456,853
Other	4,014,179	0	319	2,408,157	735,970	177,739	253,669
percentage							
Fuel efficiency	30.37	30.18	33.51	34.31	32.88	32.14	29.40
Total coal	31.42	0.00	0.00	33.44	36.22	0.00	32.70
Canadian bituminous	28.93	0.00	0.00	33.85	27.95	0.00	0.00
Imported bituminous	33.31	0.00	0.00	33.38	37.16	0.00	32.42
Canadian sub-bituminous	30.32	0.00	0.00	0.00	0.00	0.00	0.00
Imported sub-bituminous	33.05	0.00	0.00	0.00	0.00	0.00	33.34
Lignite	31.21	0.00	0.00	0.00	0.00	0.00	30.04
Total petroleum	33.01	30.18	18.73	52.10	31.66	27.22	27.97
Light fuel oil	29.06	-53.10	108.32	35.92	20.35	18.11	30.68
Heavy fuel oil	33.54	30.89	2.73	58.45	31.72	23.74	22.85
Diesel	31.24	28.82	0.00	28.75	28.46	34.67	0.00
Natural gas	35.16	0.00	0.00	0.00	42.11	43.36	35.94
Wood	19.53	0.00	124.40	22.66	0.00	32.05	18.57
Uranium	28.09	0.00	0.00	0.00	28.17	29.58	28.01
Other	37.56	0.00	124.49	33.13	37.16	48.51	34.56

Table 6-2 – continued

Electric utility thermal plants — Electric power generation, 2006

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
megawatt-hours							
Net generation all fuels	394,639	14,756,587	53,367,051	2,722,910	23,844	74,237	144,709
Total coal	322,994	11,782,144	39,982,833	0	0	0	0
Canadian bituminous	0	0	874,377	0	0	0	0
Imported bituminous	0	0	0	0	0	0	0
Canadian sub-bituminous	0	0	39,108,456	0	0	0	0
Imported sub-bituminous	322,994	0	0	0	0	0	0
Lignite	0	11,782,144	0	0	0	0	0
Total petroleum	20,209	17,988	10,107	10,879	23,844	36,558	144,709
Light fuel oil	7,513	17,470	40	0	0	0	0
Heavy fuel oil	0	0	0	0	0	0	0
Diesel	12,696	518	10,067	10,879	23,844	36,558	144,709
Natural gas	51,436	2,956,455	12,545,425	2,165,673	0	37,679	0
Wood	0	0	390,361	546,358	0	0	0
Uranium	0	0	0	0	0	0	0
Other	0	0	438,325	0	0	0	0
percentage							
Fuel efficiency	25.19	31.77	30.81	30.48	34.44	26.33	39.66
Total coal	25.02	31.37	30.19	0.00	0.00	0.00	0.00
Canadian bituminous	0.00	0.00	25.41	0.00	0.00	0.00	0.00
Imported bituminous	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Canadian sub-bituminous	0.00	0.00	30.32	0.00	0.00	0.00	0.00
Imported sub-bituminous	25.02	0.00	0.00	0.00	0.00	0.00	0.00
Lignite	0.00	31.37	0.00	0.00	0.00	0.00	0.00
Total petroleum	29.58	32.57	26.08	44.04	34.44	24.40	39.66
Light fuel oil	25.02	32.33	37.23	0.00	0.00	0.00	0.00
Heavy fuel oil	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diesel	33.15	43.05	26.05	44.04	34.44	24.40	39.66
Natural gas	24.80	33.45	32.58	40.67	0.00	24.75	0.00
Wood	0.00	0.00	20.81	15.25	0.00	0.00	0.00
Uranium	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	130.19	0.00	0.00	0.00	0.00

Table 7-1
Assets and liabilities at end of year — All electric utilities, 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
	thousands of dollars						
Total assets	176,603,090	3,662,514	344,897	3,085,669	4,280,570	64,892,427	51,452,696
Total net fixed assets	130,949,305	2,660,973	292,256	2,417,599	3,495,041	53,042,472	33,757,934
Electric utility (at cost)	194,734,132	4,233,650	399,071	4,188,784	6,933,568	75,767,989	49,822,183
Generating plant	87,136,418	1,998,343	112,369	2,243,821	4,550,861	34,949,486	21,261,940
Transmission plant	44,864,698	774,119	49,916	583,559	764,000	20,217,273	13,261,420
Distribution plant	38,658,818	942,368	233,613	1,038,386	810,770	11,028,106	9,102,628
Other property and equipment	16,019,685	438,153	3,173	294,407	353,132	5,551,522	4,707,563
Construction in progress	8,054,513	80,667	-	28,611	454,805	4,021,602	1,488,632
Accumulated depreciation	64,744,135	1,572,677	106,815	1,771,185	3,438,527	22,726,570	16,496,714
Net total electric utility	129,989,997	2,660,973	292,256	2,417,599	3,495,041	53,041,419	33,325,469
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	959,308	0	0	0	0	1,053	432,465
Total current assets	18,996,766	308,062	28,603	294,362	438,050	6,811,078	6,101,441
Cash (Canadian)	876,188	15,088	0	662	7,559	119,467	475,491
Cash (foreign)	-50,324	0	0	0	618	-52,904	527
Temporary investments	4,086,800	2,220	0	42	30,000	3,180,628	403,142
Accounts receivable (net)	7,666,938	173,540	19,705	149,172	238,044	1,752,866	2,769,561
Inventories	2,323,518	50,323	5,783	112,679	150,655	376,027	1,119,553
Advances	1,378,529	0	0	18,066	500	27,442	521,440
Securities	73,773	16,916	0	0	3,816	0	53,041
Other assets	2,641,344	49,975	3,115	13,741	6,858	1,407,552	758,686
Total investments	5,987,010	560,223	1,202	1,934	250,792	381,685	880,950
Associated companies	1,296,740	462,923	0	0	0	381,405	197,565
Reserve fund	261,496	0	1,202	1,934	244,646	0	0
Other investments	4,428,774	97,300	0	0	6,146	280	683,385
Unamortized bond discount	67,180	3,422	0	10,744	0	0	5,446
Other deferred charges	3,231,370	95,368	67	308,975	75,267	167,435	1,228,908
Other assets	17,371,459	34,466	22,769	52,055	21,420	4,489,757	9,478,017
Total liabilities	176,603,090	3,662,514	344,897	3,085,669	4,280,570	64,892,427	51,452,696
Long-term debt	77,709,860	1,821,558	96,286	1,468,896	2,883,375	35,490,040	13,951,765
Current liabilities	20,207,696	345,332	78,133	208,377	685,421	6,859,903	5,230,333
Accounts payable and accrued liabilities	8,516,516	118,846	19,577	140,504	272,304	1,875,107	2,947,902
Loans and notes payable	6,527,835	143,416	51,410	3,627	351,466	1,402,608	1,765,962
Accrued interest on long-term debt	1,653,832	37,315	2,414	25,244	54,148	979,010	111,869
Other liabilities	3,509,513	45,755	4,732	39,002	7,503	2,603,178	404,600
Deferred credits and other liabilities	23,772,643	88,236	63,784	83,513	398,555	3,172,807	14,398,134
Total capital surplus and reserve	54,912,891	1,407,388	106,694	1,324,883	313,219	19,369,677	17,872,464
Share capital	23,069,353	187,587	31,101	1,119,638	140,000	4,834,877	11,745,425
Surplus	31,811,059	1,215,010	73,473	205,245	173,219	14,533,896	6,133,276
Capital	3,767,195	0	73,011	-71,740	198,309	662	2,170,171
Earned	27,064,767	1,174,268	0	276,985	-26,236	14,531,345	3,636,757
Contributed	979,097	40,742	462	0	1,146	1,889	326,348
Reserves	32,479	4,791	2,120	0	0	904	-6,237
	50,525	16,600	2,120	0	0	904	0

Table 7-1 – continued

Assets and liabilities at end of year — All electric utilities, 2006

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	thousands of dollars						
Total assets	10,847,865	4,306,703	18,387,714	14,608,374	227,670	369,543	136,448
Total net fixed assets	8,008,283	3,815,882	11,512,496	11,355,218	197,119	290,188	103,844
Electric utility (at cost)	11,838,193	6,770,760	15,881,507	18,065,893	336,670	392,020	103,844
Generating plant	4,894,497	3,320,710	6,654,404	6,661,633	153,365	243,176	91,813
Transmission plant	2,955,430	760,772	2,816,393	2,589,926	54,314	25,545	12,031
Distribution plant	2,065,295	2,272,451	3,950,380	7,017,774	108,034	89,013	0
Other property and equipment	1,012,591	320,580	2,141,672	1,162,580	18,823	15,489	0
Construction in progress	910,380	96,247	318,658	633,980	2,134	18,797	0
Accumulated depreciation	3,829,910	2,954,878	4,828,753	6,775,916	139,551	102,639	0
Net total electric utility	8,008,283	3,815,882	11,052,754	11,289,977	197,119	289,381	103,844
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	0	0	459,742	65,241	0	807	0
Total current assets	728,064	376,583	2,777,558	1,052,303	19,782	28,276	32,604
Cash (Canadian)	120	-8,153	187,412	70,571	5,952	2,019	0
Cash (foreign)	1,344	69	21	1	0	0	0
Temporary investments	30	27,946	421,620	21,172	0	0	0
Accounts receivable (net)	286,370	197,161	1,444,186	587,940	9,723	17,312	21,358
Inventories	78,883	145,555	118,387	142,972	3,823	7,632	11,246
Advances	339,817	0	471,200	0	0	64	0
Securities	0	0	0	0	0	0	0
Other assets	21,500	14,005	134,732	229,647	284	1,249	0
Total investments	872,584	31,814	2,218,799	736,506	0	50,521	0
Associated companies	242,229	0	10,753	1,865	0	0	0
Reserve fund	0	0	0	1,641	0	12,073	0
Other investments	630,355	31,814	2,208,046	733,000	0	38,448	0
Unamortized bond discount	13,041	1,802	29,003	3,722	0	0	0
Other deferred charges	425,949	0	45,858	873,805	9,738	0	0
Other assets	799,944	80,622	1,804,000	586,820	1,031	558	0
Total liabilities	10,847,865	4,306,703	18,387,714	14,608,374	227,670	360,115	145,876
Long-term debt	6,822,361	2,224,611	5,796,214	6,809,821	110,197	172,382	62,354
Current liabilities	898,858	320,042	2,607,722	2,876,021	12,501	34,956	50,097
Accounts payable and accrued liabilities	226,512	165,441	1,355,018	1,359,586	6,912	19,058	9,749
Loans and notes payable	534,690	88,879	910,253	1,249,688	4,860	11,330	9,646
Accrued interest on long-term debt	137,656	54,707	68,089	181,583	729	1,068	0
Other liabilities	0	11,015	274,362	85,164	0	3,500	30,702
Deferred credits and other liabilities	1,741,588	157,243	1,426,614	2,168,372	28,691	45,106	0
Total capital surplus and reserve	1,385,058	1,604,807	8,557,164	2,754,160	76,281	107,671	33,425
Share capital	0	659,993	3,908,791	339,833	46,019	56,089	0
Surplus	1,385,058	943,577	4,624,774	2,408,262	30,262	51,582	33,425
Capital	0	0	1,281,897	114,885	0	0	0
Earned	1,385,058	922,754	3,050,630	2,007,937	30,262	41,582	33,425
Contributed	0	20,823	292,247	285,440	0	10,000	0
Reserves	0	1,237	23,599	6,065	0	0	0

Table 7-2
Assets and liabilities at end of year — Public electric utilities, 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
thousands of dollars							
Total assets	151,801,977	2,705,200	16,249	0	4,247,998	63,480,659	43,446,079
Total net fixed assets	114,461,325	1,919,439	12,176	0	3,474,211	52,004,649	28,996,223
Electric utility (at cost)	169,964,240	2,919,524	23,276	0	6,907,349	74,568,064	43,353,658
Generating plant	74,169,434	1,783,108	8,095	0	4,545,000	33,837,504	15,643,868
Transmission plant	41,312,658	585,741	0	0	764,000	20,217,273	12,984,416
Distribution plant	33,556,295	159,354	12,700	0	810,770	11,028,106	8,945,254
Other property and equipment	13,377,726	311,571	2,481	0	332,774	5,505,159	4,505,316
Construction in progress	7,548,127	79,750	0	0	454,805	3,980,022	1,274,804
Accumulated depreciation	56,804,167	1,000,085	11,100	0	3,433,138	22,564,352	14,761,586
Net total electric utility	113,160,073	1,919,439	12,176	0	3,474,211	52,003,712	28,592,072
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	1,301,252	0	0	0	0	937	404,151
Total current assets	15,304,029	221,950	2,871	0	430,383	6,734,950	4,364,865
Cash (Canadian)	669,251	12,619	0	0	7,539	109,305	403,447
Cash (foreign)	-54,569	0	0	0	0	-54,000	-126
Temporary investments	3,852,022	600	0	0	24,000	3,178,859	376,367
Accounts receivable (net)	6,394,436	108,455	896	0	237,808	1,727,701	2,264,810
Inventories	2,004,954	45,400	933	0	150,654	366,896	971,453
Advances	356,181	0	0	0	500	3,207	12,657
Securities	73,411	16,916	0	0	3,816	0	52,679
Other assets	2,008,343	37,960	1,042	0	6,066	1,402,982	283,578
Total investments	3,035,910	560,223	1,202	0	250,792	232,000	61,596
Associated companies	938,383	462,923	0	0	0	232,000	1,231
Reserve fund	259,562	0	1,202	0	244,646	0	0
Other investments	1,837,965	97,300	0	0	6,146	0	60,365
Unamortized bond discount	34,913	188	0	0	0	0	4,812
Other deferred charges	2,662,018	3,400	0	0	71,612	153,060	1,124,466
Other assets	16,303,782	0	0	0	21,000	4,356,000	8,894,117
Total liabilities	151,801,977	2,705,200	16,249	0	4,247,998	63,480,659	43,446,079
Long-term debt	67,899,782	1,397,798	4,286	0	2,875,944	34,570,648	10,903,210
Current liabilities	17,382,300	227,882	4,238	0	682,716	6,793,137	4,252,716
Accounts payable and accrued liabilities	7,072,197	47,452	3,127	0	272,056	1,840,766	2,382,821
Loans and notes payable	5,475,110	105,587	69	0	349,155	1,377,839	1,426,240
Accrued interest on long-term debt	1,580,624	31,239	0	0	54,020	972,387	104,488
Other liabilities	3,254,369	43,604	1,042	0	7,485	2,602,145	339,167
Deferred credits and other liabilities	22,721,639	35,500	0	0	392,000	3,157,748	14,245,591
Total capital surplus and reserve	43,798,256	1,044,020	7,725	0	297,338	18,959,126	14,044,562
Share capital	16,447,982	105,400	0	0	140,000	4,435,613	10,519,591
Surplus	27,299,749	922,020	5,605	0	157,338	14,522,609	3,524,971
Capital	2,031,886	0	5,143	0	187,044	16,587	518,129
Earned	24,581,447	904,420	0	0	-30,852	14,505,063	2,718,803
Contributed	686,416	17,600	462	0	1,146	959	288,039
Reserves	50,525	16,600	2,120	0	0	904	0

Table 7-2 – continued

Assets and liabilities at end of year — Public electric utilities, 2006

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	thousands of dollars						
Total assets	10,847,865	4,306,703	8,516,639	13,585,724	180,949	331,464	136,448
Total net fixed assets	8,008,283	3,815,882	5,254,151	10,456,242	157,992	258,233	103,844
Electric utility (at cost)	11,838,193	6,770,760	6,044,866	16,873,979	226,567	334,160	103,844
Generating plant	4,894,497	3,320,710	3,419,207	6,250,400	137,571	237,661	91,813
Transmission plant	2,955,430	760,772	490,223	2,466,973	54,314	21,485	12,031
Distribution plant	2,065,295	2,272,451	1,451,792	6,749,429	14,596	46,548	0
Other property and equipment	1,012,591	320,580	554,289	804,372	18,823	9,770	0
Construction in progress	910,380	96,247	129,355	602,805	1,263	18,696	0
Accumulated depreciation	3,829,910	2,954,878	1,620,831	6,482,978	68,575	76,734	0
Net total electric utility	8,008,283	3,815,882	4,424,035	10,391,001	157,992	257,426	103,844
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	0	0	830,116	65,241	0	807	0
Total current assets	728,064	376,583	1,411,279	965,372	12,398	22,710	32,604
Cash (Canadian)	120	-8,153	66,175	69,887	5,952	2,360	0
Cash (foreign)	1,344	69	-1,856	0	0	0	0
Temporary investments	30	27,946	223,048	21,172	0	0	0
Accounts receivable (net)	286,370	197,161	994,215	538,766	4,226	12,670	21,358
Inventories	78,883	145,555	83,976	141,372	2,039	6,547	11,246
Advances	339,817	0	0	0	0	0	0
Securities	0	0	0	0	0	0	0
Other assets	21,500	14,005	45,721	194,175	181	1,133	0
Total investments	872,584	31,814	240,537	734,641	0	50,521	0
Associated companies	242,229	0	0	0	0	0	0
Reserve fund	0	0	0	1,641	0	12,073	0
Other investments	630,355	31,814	240,537	733,000	0	38,448	0
Unamortized bond discount	13,041	1,802	15,070	0	0	0	0
Other deferred charges	425,949	0	11,793	862,000	9,738	0	0
Other assets	799,944	80,622	1,583,809	567,469	821	0	0
Total liabilities	10,847,865	4,306,703	8,516,639	13,585,724	180,949	322,036	145,876
Long-term debt	6,822,361	2,224,611	2,409,741	6,387,868	86,397	154,564	62,354
Current liabilities	898,858	320,042	1,313,667	2,805,073	6,784	27,090	50,097
Accounts payable and accrued liabilities	226,512	165,441	780,888	1,325,332	3,531	14,522	9,749
Loans and notes payable	534,690	88,879	322,752	1,249,000	3,253	8,000	9,646
Accrued interest on long-term debt	137,656	54,707	48,583	176,476	0	10,683	0
Other liabilities	0	11,015	161,444	54,265	0	3,500	30,702
Deferred credits and other liabilities	1,741,588	157,243	793,459	2,125,860	28,030	0	0
Total capital surplus and reserve	1,385,058	1,604,807	3,999,772	2,266,923	59,738	95,762	33,425
Share capital	0	659,993	476,928	20,000	39,000	51,457	0
Surplus	1,385,058	943,577	3,499,245	2,240,858	20,738	0	0
Capital	0	0	1,190,098	114,885	0	0	0
Earned	1,385,058	922,754	2,247,200	1,840,533	20,738	34,305	33,425
Contributed	0	20,823	61,947	285,440	0	10,000	0
Reserves	0	1,237	23,599	6,065	0	0	0

Table 7-3
Assets and liabilities at end of year — Private electric utilities, 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
	thousands of dollars						
Total assets	24,801,113	957,314	328,648	3,085,669	32,572	1,411,768	8,006,617
Total net fixed assets	16,487,980	741,534	280,080	2,417,599	20,830	1,037,823	4,761,711
Electric utility (at cost)	24,769,892	1,314,126	375,795	4,188,784	26,219	1,199,925	6,468,525
Generating plant	12,966,984	215,235	104,274	2,243,821	5,861	1,111,982	5,618,072
Transmission plant	3,552,040	188,378	49,916	583,559	0	0	277,004
Distribution plant	5,102,523	783,014	220,913	1,038,386	0	0	157,374
Other property and equipment	2,641,959	126,582	692	294,407	20,358	46,363	202,247
Construction in progress	506,386	917	0	28,611	0	41,580	213,828
Accumulated depreciation	7,939,968	572,592	95,715	1,771,185	5,389	162,218	1,735,128
Net total electric utility	16,829,924	741,534	280,080	2,417,599	20,830	1,037,707	4,733,397
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	-341,944	0	0	0	0	116	28,314
Total current assets	3,692,737	86,112	25,732	294,362	7,667	76,128	1,736,576
Cash (Canadian)	206,937	2,469	0	662	20	10,162	72,044
Cash (foreign)	4,245	0	0	0	618	1,096	653
Temporary investments	234,778	1,620	0	42	6,000	1,769	26,775
Accounts receivable (net)	1,272,502	65,085	18,809	149,172	236	25,165	504,751
Inventories	318,564	4,923	4,850	112,679	1	9,131	148,100
Advances	1,022,348	0	0	18,066	0	24,235	508,783
Securities	362	0	0	0	0	0	362
Other assets	633,001	12,015	2,073	13,741	792	4,570	475,108
Total investments	2,951,100	0	0	1,934	0	149,685	819,354
Associated companies	358,357	0	0	0	0	149,405	196,334
Reserve fund	1,934	0	0	1,934	0	0	0
Other investments	2,590,809	0	0	0	0	280	623,020
Unamortized bond discount	32,267	3,234	0	10,744	0	0	634
Other deferred charges	569,352	91,968	67	308,975	3,655	14,375	104,442
Other assets	1,067,677	34,466	22,769	52,055	420	133,757	583,900
Total liabilities	24,801,113	957,314	328,648	3,085,669	32,572	1,411,768	8,006,617
Long-term debt	9,810,078	423,760	92,000	1,468,896	7,431	919,392	3,048,555
Current liabilities	2,825,396	117,450	73,895	208,377	2,705	66,766	977,617
Accounts payable and accrued liabilities	1,444,319	71,394	16,450	140,504	248	34,341	565,081
Loans and notes payable	1,052,725	37,829	51,341	3,627	2,311	24,769	339,722
Accrued interest on long-term debt	73,208	6,076	2,414	25,244	128	6,623	7,381
Other liabilities	255,144	2,151	3,690	39,002	18	1,033	65,433
Deferred credits and other liabilities	1,051,004	52,736	63,784	83,513	6,555	15,059	152,543
Total capital surplus and reserve	11,114,635	363,368	98,969	1,324,883	15,881	410,551	3,827,902
Share capital	6,621,371	82,187	31,101	1,119,638	0	399,264	1,225,834
Surplus	4,511,310	292,990	67,868	205,245	15,881	11,287	2,608,305
Capital	1,735,309	0	67,868	-71,740	11,265	-15,925	1,652,042
Earned	2,483,320	269,848	0	276,985	4,616	26,282	917,954
Contributed	292,681	23,142	0	0	0	930	38,309
Reserves	-18,046	-11,809	0	0	0	0	-6,237

Table 7-3 – continued

Assets and liabilities at end of year — Private electric utilities, 2006

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	thousands of dollars						
Total assets	0	0	9,871,075	1,022,650	46,721	38,079	0
Total net fixed assets	0	0	6,258,345	898,976	39,127	31,955	0
Electric utility (at cost)	0	0	9,836,641	1,191,914	110,103	57,860	0
Generating plant	0	0	3,235,197	411,233	15,794	5,515	0
Transmission plant	0	0	2,326,170	122,953	0	4,060	0
Distribution plant	0	0	2,498,588	268,345	93,438	42,465	0
Other property and equipment	0	0	1,587,383	358,208	0	5,719	0
Construction in progress	0	0	189,303	31,175	871	101	0
Accumulated depreciation	0	0	3,207,922	292,938	70,976	25,905	0
Net total electric utility	0	0	6,628,719	898,976	39,127	31,955	0
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	0	0	-370,374	0	0	0	0
Total current assets	0	0	1,366,279	86,931	7,384	5,566	0
Cash (Canadian)	0	0	121,237	684	0	-341	0
Cash (foreign)	0	0	1,877	1	0	0	0
Temporary investments	0	0	198,572	0	0	0	0
Accounts receivable (net)	0	0	449,971	49,174	5,497	4,642	0
Inventories	0	0	34,411	1,600	1,784	1,085	0
Advances	0	0	471,200	0	0	64	0
Securities	0	0	0	0	0	0	0
Other assets	0	0	89,011	35,472	103	116	0
Total investments	0	0	1,978,262	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	1,967,509	0	0	0	0
Unamortized bond discount	0	0	13,933	3,722	0	0	0
Other deferred charges	0	0	34,065	11,805	0	0	0
Other assets	0	0	220,191	19,351	210	558	0
Total liabilities	0	0	9,871,075	1,022,650	46,721	38,079	0
Long-term debt	0	0	3,386,473	421,953	23,800	17,818	0
Current liabilities	0	0	1,294,055	70,948	5,717	7,866	0
Accounts payable and accrued liabilities	0	0	574,130	34,254	3,381	4,536	0
Loans and notes payable	0	0	587,501	688	1,607	3,330	0
Accrued interest on long-term debt	0	0	19,506	5,107	729	0	0
Other liabilities	0	0	112,918	30,899	0	0	0
Deferred credits and other liabilities	0	0	633,155	42,512	661	486	0
Total capital surplus and reserve	0	0	4,557,392	487,237	16,543	11,909	0
Share capital	0	0	3,431,863	319,833	7,019	4,632	0
Surplus	0	0	1,125,529	167,404	9,524	7,277	0
Capital	0	0	91,799	0	0	0	0
Earned	0	0	803,430	167,404	9,524	7,277	0
Contributed	0	0	230,300	0	0	0	0
Reserves	0	0	0	0	0	0	0

Table 8-1
Income account — Total electric utilities, 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
thousands of dollars							
Operating revenue	51,620,775	1,023,643	136,365	1,002,645	1,625,364	11,691,178	20,728,742
Sale of electricity	45,074,723	896,985	137,865	982,854	1,469,896	11,054,363	18,019,369
Sale of stream	246,984	0	0	9,029	16,000	133,030	88,925
Subsidies	148,793	0	0	0	0	259	148,102
Other revenue	6,150,275	126,658	-1,500	10,762	139,468	503,526	2,472,346
Operating expenses	41,154,216	757,511	110,464	696,737	1,407,337	6,434,775	17,829,949
Operating, maintenance and administration	18,221,414	370,059	90,609	524,910	758,555	2,868,858	7,329,458
Salaries and wages	6,515,899	142,798	7,862	117,991	225,593	1,671,560	2,901,092
Supplementary employee benefits	1,713,513	17,285	851	31,167	558	620,339	830,207
Cost of fuel used	3,488,756	71,000	4,846	274,290	309,359	17,499	1,519,420
Cost of material used	1,237,910	1,720	6,895	13,211	38,684	225,989	302,552
Cost of purchased services	2,742,127	19,148	65,269	51,964	89,217	481,512	1,216,900
Cost of repair and maintenance	374,685	30,725	789	5,114	612	76,311	88,288
Royalty expenses	476,253	6,250	0	120	0	14,957	8,400
Indirect taxes	1,189,933	15,851	1,521	40,322	39,024	531,866	159,558
Other expenses	482,338	65,282	2,576	-9,269	55,508	-771,175	303,041
Electricity purchased	16,814,832	299,957	9,199	33,198	425,992	1,521,020	8,540,480
Depreciation	6,117,970	87,495	10,656	138,629	222,790	2,044,897	1,960,011
Income	11,771,151	294,236	25,901	316,652	218,027	6,216,856	2,984,386
Operating income	10,466,559	266,132	25,901	305,908	218,027	5,256,403	2,898,793
Other income	1,304,592	28,104	0	10,744	0	960,453	85,593
Income deductions	6,015,241	158,549	16,952	248,744	191,310	2,263,363	1,304,463
Interest on long-term debt	5,449,886	142,432	8,676	122,953	181,469	2,515,725	822,837
Income tax	520,521	14,553	6,429	80,381	9,568	1,659	372,252
Other deductions	44,834	1,564	1,847	45,410	273	-254,021	109,374
Net income	5,755,910	135,687	8,949	67,908	26,717	3,953,493	1,679,923
	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
thousands of dollars							
Operating revenue	1,631,966	1,579,945	7,210,131	4,747,652	68,280	105,819	69,045
Sale of electricity	1,615,858	1,538,914	5,995,987	3,132,461	67,315	99,084	63,772
Sale of stream	0	0	0	0	0	0	0
Subsidies	0	0	0	0	432	0	0
Other revenue	16,108	41,031	1,214,144	1,615,191	533	6,735	5,273
Operating expenses	1,124,067	1,339,529	7,584,456	3,664,333	54,187	93,244	57,627
Operating, maintenance and administration	607,732	726,190	2,986,747	1,824,753	22,371	53,545	57,627
Salaries and wages	306,609	189,125	359,847	549,456	9,085	19,397	15,484
Supplementary employee benefits	42,429	35,956	84,241	50,094	80	306	0
Cost of fuel used	22,564	239,804	420,245	561,295	2,507	17,558	28,369
Cost of material used	10,120	28,741	589,856	5,979	3,135	11,028	0
Cost of purchased services	5,793	99,230	664,543	31,140	4,370	1,894	11,147
Cost of repair and maintenance	11,808	289	155,439	3,459	1,408	443	0
Royalty expenses	112,497	32,045	30,496	271,483	5	0	0
Indirect taxes	55,024	48,817	127,798	168,757	478	917	0
Other expenses	40,888	52,183	554,282	183,090	1,303	2,002	2,627
Electricity purchased	203,648	399,718	3,933,739	1,400,820	23,308	23,753	0
Depreciation	312,687	213,621	663,970	438,760	8,508	15,946	0
Income	507,899	240,416	-187,595	1,113,524	14,420	20,935	5,494
Operating income	507,899	240,416	-374,325	1,083,319	14,093	18,499	5,494
Other income	0	0	186,730	30,205	327	2,436	0
Income deductions	472,234	160,939	664,000	510,829	7,555	11,941	4,362
Interest on long-term debt	472,234	160,939	519,640	491,045	6,454	1,120	4,362
Income tax	0	0	16,464	7,393	1,001	10,821	0
Other deductions	0	0	127,896	12,391	100	0	0
Net income	35,665	79,477	-851,595	602,695	6,865	8,345	1,781

Table 8-2
Income account — Public electric utilities, 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
thousands of dollars							
Operating revenue	43,692,674	586,733	13,960	0	1,617,725	11,435,565	17,798,384
Sale of electricity	38,050,047	470,654	13,960	0	1,462,366	10,823,256	15,625,489
Sale of stream	126,000	0	0	0	16,000	110,000	0
Subsidies	148,534	0	0	0	0	0	148,102
Other revenue	5,368,093	116,079	0	0	139,359	502,309	2,024,793
Operating expenses	33,283,105	398,431	13,660	0	1,405,243	6,286,280	15,793,393
Operating, maintenance and administration	13,729,525	302,824	3,953	0	757,171	2,778,060	5,643,900
Salaries and wages	5,704,778	115,141	173	0	225,345	1,661,394	2,481,352
Supplementary employee benefits	1,507,684	11,293	0	0	539	618,658	700,516
Cost of fuel used	2,364,661	71,000	0	0	309,059	71	950,182
Cost of material used	653,242	0	103	0	38,684	218,353	258,743
Cost of purchased services	1,854,526	0	1,337	0	88,780	476,364	1,015,949
Cost of repair and maintenance	164,504	30,679	0	0	351	53,819	28,186
Royalty expenses	434,827	5,965	0	0	0	5,000	3,300
Indirect taxes	1,030,613	3,718	0	0	38,905	529,081	134,295
Other expenses	14,690	65,028	2,340	0	55,508	-784,680	71,377
Electricity purchased	14,330,132	42,800	9,199	0	425,992	1,499,915	8,481,952
Depreciation	5,223,448	52,807	508	0	222,080	2,008,305	1,667,541
Income	11,475,995	214,702	300	0	212,482	6,096,908	2,052,169
Operating income	10,409,569	188,302	300	0	212,482	5,149,285	2,004,991
Other income	1,066,426	26,400	0	0	0	947,623	47,178
Income deductions	4,975,938	105,366	268	0	188,447	2,218,607	1,071,968
Interest on long-term debt	4,704,137	105,366	0	0	180,447	2,472,298	650,929
Income tax	384,656	0	0	0	8,000	5	355,678
Other deductions	-112,855	0	268	0	0	-253,696	65,361
Net income	6,500,057	109,336	32	0	24,035	3,878,301	980,201
	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
thousands of dollars							
Operating revenue	1,631,966	1,579,945	4,362,644	4,497,799	28,061	70,847	69,045
Sale of electricity	1,615,858	1,538,914	3,446,224	2,897,492	27,096	64,966	63,772
Sale of stream	0	0	0	0	0	0	0
Subsidies	0	0	0	0	432	0	0
Other revenue	16,108	41,031	916,420	1,600,307	533	5,881	5,273
Operating expenses	1,124,067	1,339,529	3,303,544	3,481,930	18,451	60,950	57,627
Operating, maintenance and administration	607,732	726,190	1,047,592	1,744,982	12,767	46,727	57,627
Salaries and wages	306,609	189,125	159,727	527,325	5,896	17,207	15,484
Supplementary employee benefits	42,429	35,956	50,383	47,910	0	0	0
Cost of fuel used	22,564	239,804	169,772	557,000	350	16,490	28,369
Cost of material used	10,120	28,741	84,436	2,268	766	11,028	0
Cost of purchased services	5,793	99,230	134,895	17,529	3,502	0	11,147
Cost of repair and maintenance	11,808	289	35,738	2,938	696	0	0
Royalty expenses	112,497	32,045	13,010	263,005	5	0	0
Indirect taxes	55,024	48,817	70,254	150,270	249	0	0
Other expenses	40,888	52,183	329,377	176,737	1,303	2,002	2,627
Electricity purchased	203,648	399,718	1,933,595	1,333,244	69	0	0
Depreciation	312,687	213,621	322,357	403,704	5,615	14,223	0
Income	507,899	240,416	1,071,489	1,046,037	9,884	18,215	5,494
Operating income	507,899	240,416	1,059,100	1,015,869	9,610	15,821	5,494
Other income	0	0	12,389	30,168	274	2,394	0
Income deductions	472,234	160,939	262,990	475,427	4,945	10,385	4,362
Interest on long-term debt	472,234	160,939	188,956	463,761	4,845	0	4,362
Income tax	0	0	9,527	1,061	0	0	0
Other deductions	0	0	64,507	10,605	100	10,385	0
Net income	35,665	79,477	808,499	570,610	4,939	7,181	1,781

Table 8-3
Income account — Private electric utilities, 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
thousands of dollars							
Operating revenue	7,928,101	436,910	122,405	1,002,645	7,639	255,613	2,930,358
Sale of electricity	7,024,676	426,331	123,905	982,854	7,530	231,107	2,393,880
Sale of stream	120,984	0	0	9,029	0	23,030	88,925
Subsidies	259	0	0	0	0	259	0
Other revenue	782,182	10,579	-1,500	10,762	109	1,217	447,553
Operating expenses	7,871,111	359,080	96,804	696,737	2,094	148,495	2,036,556
Operating, maintenance and administration	4,491,889	67,235	86,656	524,910	1,384	90,798	1,685,558
Salaries and wages	811,121	27,657	7,689	117,991	248	10,166	419,740
Supplementary employee benefits	205,829	5,992	851	31,167	19	1,681	129,691
Cost of fuel used	1,124,095	0	4,846	274,290	300	17,428	569,238
Cost of material used	584,668	1,720	6,792	13,211	0	7,636	43,809
Cost of purchased services	887,601	19,148	63,932	51,964	437	5,148	200,951
Cost of repair and maintenance	210,181	46	789	5,114	261	22,492	60,102
Royalty expenses	41,426	285	0	120	0	9,957	5,100
Indirect taxes	159,320	12,133	1,521	40,322	119	2,785	25,263
Other expenses	467,648	254	236	-9,269	0	13,505	231,664
Electricity purchased	2,484,700	257,157	0	33,198	0	21,105	58,528
Depreciation	894,522	34,688	10,148	138,629	710	36,592	292,470
Income	295,156	79,534	25,601	316,652	5,545	119,948	932,217
Operating income	56,990	77,830	25,601	305,908	5,545	107,118	893,802
Other income	238,166	1,704	0	10,744	0	12,830	38,415
Income deductions	1,039,303	53,183	16,684	248,744	2,863	44,756	232,495
Interest on long-term debt	745,749	37,066	8,676	122,953	1,022	43,427	171,908
Income tax	135,865	14,553	6,429	80,381	1,568	1,654	16,574
Other deductions	157,689	1,564	1,579	45,410	273	-325	44,013
Net income	-744,147	26,351	8,917	67,908	2,682	75,192	699,722
	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
thousands of dollars							
Operating revenue	0	0	2,847,487	249,853	40,219	34,972	0
Sale of electricity	0	0	2,549,763	234,969	40,219	34,118	0
Sale of stream	0	0	0	0	0	0	0
Subsidies	0	0	0	0	0	0	0
Other revenue	0	0	297,724	14,884	0	854	0
Operating expenses	0	0	4,280,912	182,403	35,736	32,294	0
Operating, maintenance and administration	0	0	1,939,155	79,771	9,604	6,818	0
Salaries and wages	0	0	200,120	22,131	3,189	2,190	0
Supplementary employee benefits	0	0	33,858	2,184	80	306	0
Cost of fuel used	0	0	250,473	4,295	2,157	1,068	0
Cost of material used	0	0	505,420	3,711	2,369	0	0
Cost of purchased services	0	0	529,648	13,611	868	1,894	0
Cost of repair and maintenance	0	0	119,701	521	712	443	0
Royalty expenses	0	0	17,486	8,478	0	0	0
Indirect taxes	0	0	57,544	18,487	229	917	0
Other expenses	0	0	224,905	6,353	0	0	0
Electricity purchased	0	0	2,000,144	67,576	23,239	23,753	0
Depreciation	0	0	341,613	35,065	2,893	1,723	0
Income	0	0	-1,259,084	67,487	4,536	2,720	0
Operating income	0	0	-1,433,425	67,450	4,483	2,678	0
Other income	0	0	174,341	37	53	42	0
Income deductions	0	0	401,010	35,402	2,610	1,556	0
Interest on long-term debt	0	0	330,684	27,284	1,609	1,120	0
Income tax	0	0	6,937	6,332	1,001	436	0
Other deductions	0	0	63,389	1,786	0	0	0
Net income	0	0	-1,660,094	32,085	1,926	1,164	0

Table 9
Taxes paid by electric utilities, 2006

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
thousands of dollars							
Total utilities							
Municipal	428,475	13,780	0	62	751	40,848	54,405
Provincial	502,241	2,071	1,521	40,260	38,197	261,018	82,344
Federal	259,217	0	0	0	76	230,000	22,809
Total taxes	1,189,933	15,851	1,521	40,322	39,024	531,866	159,558
Percentage of total for Canada	100.00	1.33	0.13	3.39	3.28	44.70	13.41
Public utilities							
Municipal	348,867	1,994	0	0	708	38,081	49,475
Provincial	444,746	1,724	0	0	38,197	261,000	77,820
Federal	237,000	0	0	0	0	230,000	7,000
Total taxes	1,030,613	3,718	0	0	38,905	529,081	134,295
	100.00	0.36	0.00		3.77	51.34	13.03
Percentage of total for Canada							
Private utilities							
Municipal	79,608	11,786	0	62	43	2,767	4,930
Provincial	57,495	347	1,521	40,260	0	18	4,524
Federal	22,217	0	0	0	76	0	15,809
Total taxes	159,320	12,133	1,521	40,322	119	2,785	25,263
Percentage of total for Canada	100.00	7.62	0.95	25.31	0.07	1.75	15.86
	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
thousands of dollars							
Total utilities							
Municipal	9,354	31,876	125,370	150,634	478	917	0
Provincial	45,670	16,941	2,428	11,791	0	0	0
Federal	0	0	0	6,332	0	0	0
Total taxes	55,024	48,817	127,798	168,757	478	917	0
Percentage of total for Canada	4.62	4.10	10.74	14.18	0.04	0.08	0.00
Public utilities							
Municipal	9,354	31,876	67,826	149,304	249	0	0
Provincial	45,670	16,941	2,428	966	0	0	0
Federal	0	0	0	0	0	0	0
Total taxes	55,024	48,817	70,254	150,270	249	0	0
Percentage of total for Canada	5.34	4.74	6.82	14.58	0.02	0.00	0.00
Private utilities							
Municipal	0	0	57,544	1,330	229	917	0
Provincial	0	0	0	10,825	0	0	0
Federal	0	0	0	6,332	0	0	0
Total taxes	0	0	57,544	18,487	229	917	0
Percentage of total for Canada	0.00	0.00	36.12	11.60	0.14	0.58	0.00

**Table 10-1
Supply and disposal of electric energy — Canada**

	2003	2004	2005	2006
	megawatt-hours			
Total supply	563,989,866	569,629,792	580,518,585	572,895,812
Production	570,780,119	580,438,621	604,369,965	592,007,821
Exports	31,310,660	33,666,007	43,528,075	42,735,776
Imports	24,520,407	22,857,178	19,676,695	23,623,767
Inter-regional transfers
Total industrial disposal	231,264,091	232,095,365	238,805,408	234,695,307
Mining	35,558,605	36,716,349	37,512,051	37,350,456
Total manufacturing	195,705,486	195,379,016	201,293,357	197,344,851
Pulp and paper	59,862,206	62,856,289	61,723,065	57,778,176
Iron and steel	10,330,396	10,173,436	10,728,240	10,037,397
Smelting and refining, non-ferrous	58,704,826	55,384,439	59,710,911	60,908,441
Cement	2,072,572	1,995,886	2,031,477	2,039,216
Petroleum refining	5,590,077	6,272,121	6,556,614	7,150,414
Chemicals	18,813,703	19,311,996	19,502,897	20,113,805
Other manufacturing	40,331,706	39,384,849	41,040,153	39,317,402
Pipelines	3,228,270	3,312,293	3,274,260	3,561,471
Urban transit	940,346	959,441	981,530	970,871
Street lighting	2,167,610	2,165,057	2,292,602	2,300,876
Agriculture	10,012,383	10,160,368	10,248,293	9,864,171
Residential	147,957,067	150,980,352	150,986,378	148,630,566
Public administration	11,414,941	11,770,556	11,683,121	10,916,254
Commercial and other institutional	119,755,125	120,342,010	121,004,730	118,934,880
Unallocated energy	37,250,033	37,844,350	41,242,263	43,021,416
Total disposal	563,989,866	569,629,792	580,518,585	572,895,812

**Table 10-2
Supply and disposal of electric energy — Atlantic Provinces**

	2003	2004	2005	2006
	megawatt-hours			
Total supply	41,688,578	41,829,238	41,620,432	38,721,822
Production	75,527,202	74,961,973	63,245,822	72,469,020
Exports	2,802,836	2,420,912	3,066,162	2,369,388
Imports	73,307	84,530	125,801	535,421
Inter-regional transfers	-31,109,095	-30,796,353	-31,161,952	-31,913,231
Total industrial disposal	16,394,624	16,579,717	16,538,703	14,760,552
Mining	3,085,104	2,730,013	3,141,566	3,070,088
Total manufacturing	13,309,520	13,849,704	13,397,137	11,690,464
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	895,823	909,795	898,603	857,586
Chemicals	x	x	x	x
Other manufacturing	2,229,022	2,344,565	2,707,611	2,189,176
Pipelines	0	0	0	0
Urban transit	5,679	6,143	5,741	6,327
Street lighting	235,804	212,815	210,665	195,904
Agriculture	403,470	428,566	431,778	453,225
Residential	12,892,518	13,176,103	13,187,102	12,887,446
Public administration	807,674	820,702	790,869	779,490
Commercial and other institutional	7,728,838	7,889,161	7,599,334	6,948,662
Unallocated energy	3,219,971	2,716,031	2,856,240	2,690,216
Total disposal	41,688,578	41,829,238	41,620,432	38,721,822

Table 10-3
Supply and disposal of electric energy — Newfoundland and Labrador

	2003	2004	2005	2006
	megawatt-hours			
Total supply	11,992,914	11,752,727	11,947,318	11,436,144
Production	42,091,533	41,554,748	42,136,351	42,768,071
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	-30,098,619	-29,802,021	-30,189,033	-31,331,927
Total industrial disposal	5,443,607	5,300,305	5,544,214	5,070,079
Mining	2,519,800	2,156,590	2,544,235	2,509,729
Total manufacturing	2,923,807	3,143,715	2,999,979	2,560,350
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	203,546	212,884	208,647	212,908
Pipelines	0	0	0	0
Urban transit	0	0	0	0
Street lighting	68,356	40,530	41,845	38,361
Agriculture	24,457	26,078	27,325	26,992
Residential	3,369,483	3,385,399	3,380,932	3,331,273
Public administration	240,492	231,522	234,668	224,357
Commercial and other institutional	1,816,421	1,854,366	1,867,497	1,833,732
Unallocated energy	1,030,098	914,527	850,837	911,350
Total disposal	11,992,914	11,752,727	11,947,318	11,436,144

Table 10-4
Supply and disposal of electric energy — Prince Edward Island

	2003	2004	2005	2006
	megawatt-hours			
Total supply	1,093,421	1,188,854	1,198,106	1,305,321
Production	62,826	47,528	46,417	42,500
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	1,030,595	1,141,326	1,151,689	1,262,821
Total industrial disposal	196,529	199,477	201,704	202,738
Mining	136	138	139	135
Total manufacturing	196,393	199,339	201,565	202,603
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	4,835	4,546	6,566	3,815
Agriculture	222,371	240,993	244,404	270,342
Residential	155,098	159,311	160,489	163,069
Public administration	48,871	49,604	46,993	45,625
Commercial and other institutional	364,085	409,736	438,271	526,626
Unallocated energy	101,632	125,187	99,679	93,106
Total disposal	1,093,421	1,188,854	1,198,106	1,305,321

Table 10-5
Supply and disposal of electric energy — Nova Scotia

	2003	2004	2005	2006
	megawatt-hours			
Total supply	11,996,347	12,406,901	12,594,971	11,237,452
Production	12,405,152	12,587,399	12,476,923	11,453,829
Exports	115,746	115,405	104,425	228,598
Imports	1,221	40,146	69,297	24,588
Inter-regional transfers	-294,280	-105,239	153,176	-12,367
Total industrial disposal	3,762,313	4,044,747	4,391,977	3,159,478
Mining	43,954	47,470	56,969	40,242
Total manufacturing	3,718,359	3,997,277	4,335,008	3,119,236
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	879,146	953,061	1,183,074	817,260
Pipelines	0	0	0	0
Urban transit	5,679	6,143	5,741	6,327
Street lighting	69,440	74,397	69,262	63,181
Agriculture	59,488	60,988	61,206	58,903
Residential	4,017,555	4,113,771	4,127,728	4,011,348
Public administration	266,018	287,224	269,142	276,194
Commercial and other institutional	3,049,941	3,061,339	2,869,514	2,824,762
Unallocated energy	765,913	758,292	800,401	837,259
Total disposal	11,996,347	12,406,901	12,594,971	11,237,452

Table 10-6
Supply and disposal of electric energy — New Brunswick

	2003	2004	2005	2006
	megawatt-hours			
Total supply	16,605,896	16,480,756	15,880,037	14,742,905
Production	20,967,691	20,772,298	21,063,054	18,204,620
Exports	2,687,090	2,305,507	2,961,737	2,140,790
Imports	72,086	44,384	56,504	510,833
Inter-regional transfers	-1,746,791	-2,030,419	-2,277,784	-1,831,758
Total industrial disposal	6,992,175	7,035,188	6,400,808	6,328,257
Mining	521,214	525,815	540,223	519,982
Total manufacturing	6,470,961	6,509,373	5,860,585	5,808,275
Pulp and paper	x	x	x	x
Iron and steel	0	0	0	0
Smelting and refining, non-ferrous	x	x	x	x
Cement	0	0	0	0
Petroleum refining	x	x	x	x
Chemicals	x	x	x	x
Other manufacturing	954,833	984,250	1,117,049	959,050
Pipelines	0	0	0	0
Urban transit	0	0	0	0
Street lighting	93,173	93,342	92,992	90,547
Agriculture	97,154	100,507	98,843	96,988
Residential	5,350,382	5,517,622	5,517,953	5,381,756
Public administration	252,293	252,352	240,066	233,314
Commercial and other institutional	2,498,391	2,563,720	2,424,052	1,763,542
Unallocated energy	1,322,328	918,025	1,105,323	848,501
Total disposal	16,605,896	16,480,756	15,880,037	14,742,905

Table 10-7
Supply and disposal of electric energy — Québec

	2003	2004	2005	2006
	megawatt-hours			
Total supply	203,435,723	203,370,400	206,909,173	205,256,521
Production	177,848,777	174,950,783	180,296,084	180,247,851
Exports	10,038,238	9,478,025	10,565,127	11,712,012
Imports	3,924,972	3,459,812	3,271,915	2,534,149
Inter-regional transfers	31,700,212	34,437,830	33,906,301	34,186,533
Total industrial disposal	98,883,337	95,530,286	98,762,310	98,508,608
Mining	2,809,197	2,625,322	2,490,153	2,503,368
Total manufacturing	96,074,140	92,904,964	96,272,157	96,005,240
Pulp and paper	22,312,407	23,428,895	23,273,913	22,245,488
Iron and steel	3,172,127	2,971,851	2,774,741	2,754,070
Smelting and refining, non-ferrous	49,197,087	44,691,593	48,976,988	50,523,803
Cement	466,750	480,660	481,533	504,878
Petroleum refining	1,237,075	1,235,916	1,321,602	1,411,055
Chemicals	5,291,028	5,628,708	5,367,324	5,371,640
Other manufacturing	14,397,666	14,467,341	14,076,056	13,194,306
Pipelines	1	2	1	1
Urban transit	289,929	290,758	291,477	300,284
Street lighting	601,750	600,443	590,198	605,102
Agriculture	2,003,185	2,046,850	1,941,676	1,903,328
Residential	57,379,775	58,164,196	57,308,701	57,023,118
Public administration	7,157,857	7,269,104	7,246,272	6,684,576
Commercial and other institutional	26,984,887	27,788,924	28,370,019	27,648,979
Unallocated energy	10,135,002	11,679,837	12,398,519	12,582,525
Total disposal	203,435,723	203,370,400	206,909,173	205,256,521

Table 10-8
Supply and disposal of electric energy — Ontario

	2003	2004	2005	2006
	megawatt-hours			
Total supply	156,049,269	155,317,958	159,161,311	153,358,174
Production	150,425,312	156,395,350	158,750,451	158,023,212
Exports	4,575,307	8,523,683	8,720,417	10,566,345
Imports	7,429,694	7,983,804	8,902,878	6,103,501
Inter-regional transfers	2,769,570	-537,513	228,399	-202,194
Total industrial disposal	41,155,450	41,387,212	42,847,994	40,384,068
Mining	3,104,318	3,569,483	3,611,715	3,421,675
Total manufacturing	38,051,132	37,817,729	39,236,279	36,962,393
Pulp and paper	8,719,096	8,876,149	8,407,476	7,263,498
Iron and steel	5,956,519	5,956,092	6,623,391	5,942,305
Smelting and refining, non-ferrous	2,219,082	2,071,381	2,115,949	2,079,994
Cement	898,961	793,780	800,529	821,122
Petroleum refining	1,717,772	1,920,293	2,023,220	2,036,813
Chemicals	4,062,253	4,351,558	4,107,262	3,927,938
Other manufacturing	14,477,449	13,848,476	15,158,452	14,890,723
Pipelines	371,986	398,921	451,690	509,175
Urban transit	375,093	376,278	391,944	444,708
Street lighting	731,773	737,388	846,464	898,517
Agriculture	2,257,885	2,258,662	2,257,533	2,235,488
Residential	44,588,383	45,265,591	45,630,039	43,973,850
Public administration	1,770,544	1,898,337	1,923,219	2,049,857
Commercial and other institutional	50,471,096	50,508,286	50,783,480	49,015,477
Unallocated energy	14,327,059	12,487,283	14,028,948	13,847,034
Total disposal	156,049,269	155,317,958	159,161,311	153,358,174

Table 10-9
Supply and disposal of electric energy — Manitoba

	2003	2004	2005	2006
	megawatt-hours			
Total supply	19,454,765	20,308,560	21,918,145	20,312,730
Production	21,152,179	27,703,162	37,049,409	34,479,065
Exports	4,474,368	6,781,269	12,140,597	12,344,448
Imports	5,908,777	2,569,716	244,347	828,572
Inter-regional transfers	-3,131,823	-3,183,049	-3,235,014	-2,650,459
Total industrial disposal	5,746,676	6,075,546	6,362,731	6,055,843
Mining	159,667	278,386	256,386	216,336
Total manufacturing	5,587,009	5,797,160	6,106,345	5,839,507
Pulp and paper	x	x	x	x
Iron and steel	x	x	x	x
Smelting and refining, non-ferrous	x	x	x	x
Cement	0	0	0	0
Petroleum refining	x	x	x	x
Chemicals	x	x	x	x
Other manufacturing	1,851,920	1,493,944	1,319,486	1,375,979
Pipelines	683,588	801,314	830,642	747,244
Urban transit	920	438	0	0
Street lighting	80,299	80,997	81,084	72,649
Agriculture	1,618,429	1,634,985	1,687,669	1,503,077
Residential	5,940,519	6,034,742	6,235,980	5,654,430
Public administration	373,741	436,225	464,338	321,730
Commercial and other institutional	3,962,665	3,871,027	4,375,663	4,347,571
Unallocated energy	1,047,928	1,373,286	1,880,038	1,610,186
Total disposal	19,454,765	20,308,560	21,918,145	20,312,730

Table 10-10
Supply and disposal of electric energy — Saskatchewan

	2003	2004	2005	2006
	megawatt-hours			
Total supply	19,325,518	19,551,551	19,512,363	20,186,361
Production	19,788,679	19,436,700	20,020,456	19,665,130
Exports	707,742	685,546	691,397	594,674
Imports	907,758	1,082,597	426,913	1,147,079
Inter-regional transfers	-663,177	-282,200	-243,609	-31,174
Total industrial disposal	8,045,397	8,333,296	9,146,176	8,504,605
Mining	4,290,247	4,424,727	4,700,524	4,592,561
Total manufacturing	3,755,150	3,908,569	4,445,652	3,912,044
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	1,435,480	1,451,791	1,313,573	1,537,784
Urban transit	0	2,468	1,020	847
Street lighting	64,457	66,721	67,659	68,230
Agriculture	1,441,919	1,349,814	1,337,004	1,271,623
Residential	2,901,089	2,863,647	2,897,705	2,917,262
Public administration	287,673	272,291	207,108	209,424
Commercial and other institutional	3,502,921	3,459,172	3,080,797	4,005,344
Unallocated energy	1,646,582	1,752,351	1,461,321	1,671,242
Total disposal	19,325,518	19,551,551	19,512,363	20,186,361

Table 10-11
Supply and disposal of electric energy — Alberta

	2003	2004	2005	2006
	megawatt-hours			
Total supply	62,099,117	64,683,989	64,544,208	65,491,315
Production	61,555,799	63,892,908	63,636,275	64,108,428
Exports	73,583	130,888	85,686	67,414
Imports	331,159	366,611	451,727	209,326
Inter-regional transfers	285,742	555,358	541,892	1,240,975
Total industrial disposal	32,167,336	33,783,189	33,963,116	34,130,984
Mining	19,067,381	20,173,718	20,385,350	21,024,067
Total manufacturing	13,099,955	13,609,471	13,577,766	13,106,917
Pulp and paper	3,706,357	3,636,141	3,280,008	2,418,390
Iron and steel	x	x	x	x
Smelting and refining, non-ferrous	x	x	x	x
Cement	x	x	x	x
Petroleum refining	1,255,625	1,416,455	1,507,198	1,708,211
Chemicals	5,100,573	5,237,141	5,234,415	5,128,827
Other manufacturing	2,470,835	2,729,120	2,951,850	3,186,010
Pipelines	677,258	604,573	621,300	713,762
Urban transit	119,939	145,153	150,587	100,993
Street lighting	242,287	265,676	280,529	280,262
Agriculture	1,928,102	2,038,101	2,183,842	2,128,354
Residential	7,539,844	7,650,109	7,819,372	8,153,535
Public administration	331,317	409,920	403,686	216,726
Commercial and other institutional	13,503,725	13,784,961	13,520,425	13,463,490
Unallocated energy	5,589,309	6,002,307	5,601,351	6,303,209
Total disposal	62,099,117	64,683,989	64,544,208	65,491,315

Table 10-12
Supply and disposal of electric energy — British Columbia

	2003	2004	2005	2006
	megawatt-hours			
Total supply	60,837,303	63,449,455	65,732,078	68,411,791
Production	63,382,578	61,979,104	67,773,670	61,858,017
Exports	8,638,586	5,645,684	8,258,689	5,081,495
Imports	5,944,740	7,310,108	6,253,114	12,265,719
Inter-regional transfers	148,571	-194,073	-36,017	-630,450
Total industrial disposal	28,528,066	30,083,885	30,858,622	31,995,664
Mining	2,699,486	2,592,466	2,600,601	2,167,378
Total manufacturing	25,828,580	27,491,419	28,258,021	29,828,286
Pulp and paper	13,396,013	14,596,255	15,204,126	15,932,802
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	1,818,426	1,689,086	1,720,353	2,460,893
Other manufacturing	4,121,950	3,973,883	4,054,770	4,172,824
Pipelines	59,957	55,692	57,054	53,505
Urban transit	148,786	138,203	140,761	117,712
Street lighting	200,220	190,284	204,632	168,764
Agriculture	359,393	403,390	408,791	369,076
Residential	16,434,464	17,532,048	17,614,668	17,717,361
Public administration	686,135	663,977	647,629	653,938
Commercial and other institutional	13,203,934	12,625,794	12,865,683	13,091,173
Unallocated energy	1,216,348	1,756,182	2,934,238	4,244,598
Total disposal	60,837,303	63,449,455	65,732,078	68,411,791

Table 10-13
Supply and disposal of electric energy — Yukon

	2003	2004	2005	2006
	megawatt-hours			
Total supply	320,127	330,162	343,749	359,031
Production	320,127	330,162	343,749	359,031
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	0	0	0	0
Total industrial disposal	17,696	18,387	18,232	18,112
Mining	17,696	18,387	18,232	18,112
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	4,144	3,565	4,232	4,171
Agriculture	0	0	0	0
Residential	119,582	119,841	120,274	132,055
Public administration	0	0	0	513
Commercial and other institutional	143,056	157,131	156,201	163,211
Unallocated energy	35,649	31,238	44,810	40,969
Total disposal	320,127	330,162	343,749	359,031

Table 10-14
Supply and disposal of electric energy — Northwest Territories

	2003	2004	2005	2006
	megawatt-hours			
Total supply	646,241	649,034	635,481	653,358
Production	646,241	649,034	635,481	653,358
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	0	0	0	0
Total industrial disposal	325,509	303,847	307,524	336,871
Mining	325,509	303,847	307,524	336,871
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	4,302	4,133	4,129	4,237
Agriculture	0	0	0	0
Residential	109,689	115,196	113,353	111,225
Public administration	0	0	0	0
Commercial and other institutional	174,988	180,023	179,338	178,020
Unallocated energy	31,753	45,835	30,050	23,005
Total disposal	646,241	649,034	634,394	653,358

Table 10-15
Supply and disposal of electric energy — Nunavut

	2003	2004	2005	2006
	megawatt-hours			
Total supply	133,225	139,445	141,645	144,709
Production	133,225	139,445	141,645	144,709
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	0	0	0	0
Total industrial disposal	0	0	0	0
Mining	0	0	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	2,574	3,035	3,010	3,040
Agriculture	0	0	0	0
Residential	51,204	58,879	59,184	60,284
Public administration	0	0	0	0
Commercial and other institutional	79,015	77,531	72,703	72,953
Unallocated energy	432	0	6,748	8,432
Total disposal	133,225	139,445	141,645	144,709

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 340 producers). The response rate for this survey is very high. 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. The response rate for this survey is very high. 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 1100 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.

Appendix I

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 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.)

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

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.