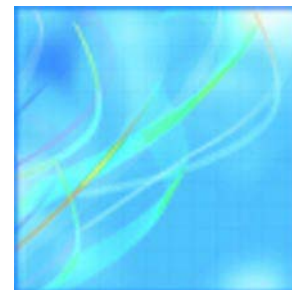


Catalogue no. 57-202-X

# Electric Power Generation, Transmission and Distribution



2007



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# Electric Power Generation, Transmission and Distribution

2007

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## Symbols

The following standard symbols are used in Statistics Canada publications:

- . 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<sup>s</sup> 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 10<sup>12</sup>

GW.h. (gigawatt-hour) = Watt-hour x 10<sup>9</sup>

MW.h. (megawatt-hour) = Watt-hour x 10<sup>6</sup>

KW.h. (kilowatt-hour) = Watt-hour x 10<sup>3</sup>

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## Highlights

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- In 2007, coal accounted for 76% of all the fuels consumed to generate electricity in Canada and 35% of the cost of these fuels. Conversely, natural gas accounted for 14% of all fuels consumed in 2007 but 48% of the cost of fuels used.
- Alberta (45.2%), Ontario (26.1%), and Saskatchewan (14.3%) were the three largest users of fuels for the production of electricity in Canada in 2007.
- Overall, Alberta used 52% of all coal and 36% of all the natural gas consumed in Canada for the production of electricity, while Ontario consumed 24% and 34% respectively and Saskatchewan consumed 17% and 9% respectively.
- In 2007, Quebec was again the largest producer of electric power in Canada generating 31.1% of all of Canada's electric power and 49.7% of all hydro-electric power. Quebec used only 2.0% of total fuels consumed for other forms of electricity production.
- Electricity generated by wind increased again in 2007, up 19.5% 2,925 GW.h from 2,448 GW.h in 2006. This represents 0.5% of the total electricity generated in Canada in 2007, up from 0.4% in 2006.

# Analysis

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## Electricity Generation

In 2007, net electricity generation decreased 13.3% to 617 469 GW.h. Of the total electricity generated, 572 779 GW.h was for use in Canada, an increase of 4.2% from 2006. The remaining 44 691 GW.h was exported, an increase of 4.6% from the previous year.

Hydro is the main source (59%) of electricity generation in Canada. Hydro stations produced 364 128 GW.h, up 4.2% from 2006. Generation from nuclear sources decreased 4.6% from 2006 to 88 190 GW.h. Production from conventional steam plants increased by 7.6% to 127 953 GW.h.

Domestic demand for electricity increased 3.2% to 592 161 GW.h in 2007. Residential use increased to 158 576 GW.h from 147 330 GW.h in 2007.

## Sales

Total domestic sales of electricity to ultimate customers increased 4.4% in 2007 to 497 036 GW.h. Revenue received from sales totalled \$35,015 million, an increase of 1.8% from 2006.

Revenues per kilowatt-hour for residential and agricultural sales for 2007 are 8.73 cents, down 0.5% from 2006. Revenues range from 6.10 cents per kilowatt-hour in Manitoba to 45.99 cents per kilowatt-hour in Nunavut.

## Financial Data

Operating revenues of electric utilities increased 7.4% in 2007 to \$57,613 million. Operating expenses increased 8.7% to \$44,885 million. Electric utilities registered a net income of \$6,991 million in 2007, down 9.4% from 2006.

Total assets stood at \$183,586 million, up 2.1% from a year earlier. Long term debt is 42.7 % of total assets, down from 43.3% in 2006.

There were 75,695 persons employed by electric utilities in 2007, an increase of 0.2% from the previous year. Wages and salaries decreased 0.3% for a total wage bill of \$5,965 million in 2007. Publicly operated utilities reported total wages and salaries of \$5,050 million, while private utilities reported \$915 million.

## Cost of fuels

An increase in generation of 4.1% by electric utility thermal plants in 2007 was accompanied by an increase in their fuel expense of 14.0% to \$4,736 million. Of all the fuels, the amount spent on petroleum products had the largest increase of 29.2% to \$556 million. Natural gas saw the next largest increase of 15.8% to \$2,253 million, and coal increased 9.6% to \$1,650 million. The average delivered efficiency of thermal plants in 2007 was 30.9%.

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 2007 reached 124 240 MW, an increase of 0.5% from the 2006 level of 123 579 MW. In 2007, utilities' generating capacity totalled 115 850 MW, while industry reported 8 390 MW.

## 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.
5. In March of 2008, Statistics Canada entered into a Data Sharing Agreement with the Ontario Energy Board. Starting with the 2007 reference year, the OEB supplies Statistics Canada with the financial data that they collect from all the local distributing companies in Ontario. This is the first year that Statistics Canada has accounted for all the local distributing companies in the financial data.

# Statistical tables

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**Table 1**  
**Installed generating nameplate capacity, by province or territory and type of organization, 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
	kilowatts						
<b>Utilities and industries</b>							
Hydro	73,435,687	6,795,500	0	403,750	922,670	37,459,391	8,349,602
Wind and tidal	1,600,399	0	43,560	52,760	0	375,750	413,529
Thermal	49,204,221	557,035	157,550	2,006,425	3,611,838	3,182,679	23,403,061
Steam	27,211,548	490,000	67,100	1,686,125	2,148,800	1,126,253	9,747,630
Nuclear	13,345,000	0	0	0	680,000	675,000	11,990,000
Internal combustion	593,480	24,035	0	0	14,338	129,179	66,150
Combustion turbine	8,054,193	43,000	90,450	320,300	768,700	1,252,247	1,599,281
<b>Total installed capacity</b>	124,240,307	7,352,535	201,110	2,462,935	4,534,508	41,017,820	32,166,192
Percentage of total for Canada	100.00	5.92	0.16	1.98	3.65	33.01	25.89
<b>Total installed capacity, 2006</b>	123,579,274	7,494,133	171,110	2,463,135	4,485,608	40,068,551	32,520,892
Percentage change from 2006	0.53	-1.89	17.53	-0.01	1.09	2.37	-1.09
<b>Public utilities</b>							
Hydro	63,964,169	6,426,220	0	0	891,030	33,344,764	7,105,407
Wind and tidal	206,880	0	40,560	0	0	2,250	2,400
Thermal	27,346,309	514,035	0	0	3,144,538	2,339,579	15,574,625
Steam	16,219,250	490,000	0	0	1,921,500	660,000	8,472,000
Nuclear	8,335,000	0	0	0	680,000	675,000	6,980,000
Internal combustion	387,139	24,035	0	0	14,338	123,579	38,625
Combustion turbine	2,404,920	0	0	0	528,700	881,000	84,000
<b>Total installed capacity</b>	91,517,358	6,940,255	40,560	0	4,035,568	35,686,593	22,682,432
Percentage of total for Canada	100.00	7.58	0.04	0.00	4.41	38.99	24.78
<b>Total installed capacity, 2006</b>	91,155,312	7,081,453	10,560	0	4,035,868	35,235,201	22,667,577
Percentage change from 2006	0.40	-1.99	284.09	0.00	-0.01	1.28	0.07
<b>Private utilities</b>							
Hydro	4,428,248	252,230	0	398,750	31,640	980,527	984,985
Wind and tidal	1,392,919	0	3,000	52,760	0	373,500	410,529
Thermal	18,511,657	0	157,550	1,962,665	340,000	686,050	7,368,466
Steam	9,129,393	0	67,100	1,642,365	100,000	309,203	1,006,000
Nuclear	5,010,000	0	0	0	0	0	5,010,000
Internal combustion	131,051	0	0	0	0	5,600	26,185
Combustion turbine	4,241,213	0	90,450	320,300	240,000	371,247	1,326,281
<b>Total installed capacity</b>	24,332,824	252,230	160,550	2,414,175	371,640	2,040,077	8,763,980
Percentage of total for Canada	100.00	1.04	0.66	9.92	1.53	8.38	36.02
<b>Total installed capacity, 2006</b>	24,465,877	252,630	160,550	2,414,375	371,640	1,985,900	9,095,510
Percentage change from 2006	-0.54	-0.16	0.00	-0.01	0.00	2.73	-3.64
<b>Industries</b>							
Hydro	5,043,270	117,050	0	5,000	0	3,134,100	259,210
Wind and tidal	600	0	0	0	0	0	600
Thermal	3,346,255	43,000	0	43,760	127,300	157,050	459,970
Steam	1,862,905	0	0	43,760	127,300	157,050	269,630
Nuclear	0	0	0	0	0	0	0
Internal combustion	75,290	0	0	0	0	0	1,340
Combustion turbine	1,408,060	43,000	0	0	0	0	189,000
<b>Total installed capacity</b>	8,390,125	160,050	0	48,760	127,300	3,291,150	719,780
Percentage of total for Canada	100.00	1.91	0.00	0.58	1.52	39.23	8.58
<b>Total installed capacity, 2006</b>	7,958,085	160,050	0	48,760	78,100	2,847,450	757,805
Percentage change from 2006	5.43	0.00	0.00	0.00	63.00	15.58	-5.02

Table 1 – continued

## Installed generating nameplate capacity, by province or territory and type of organization, 2007

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	kilowatts						
<b>Utilities and industries</b>							
Hydro	5,029,288	854,660	909,028	12,608,898	77,900	25,000	0
Wind and tidal	103,950	171,180	438,860	0	810	0	0
Thermal	494,185	2,852,950	10,502,791	2,223,104	32,250	126,078	54,275
Steam	119,250	2,212,950	7,844,690	1,768,750	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	9,515		103,886	60,974	32,250	98,878	54,275
Combustion turbine	365,420	640,000	2,554,215	393,380	0	27,200	0
<b>Total installed capacity</b>	5,627,423	3,878,790	11,850,679	14,832,002	110,960	151,078	54,275
Percentage of total for Canada	4.53	3.12	9.54	11.94	0.09	0.12	0.04
<b>Total installed capacity, 2006</b>	5,629,007	3,878,790	11,735,969	14,827,701	107,960	142,143	54,275
Percentage change from 2006	-0.03	0.00	0.98	0.03	2.78	6.29	0.00
<b>Public utilities</b>							
Hydro	5,029,288	854,660	52,200	10,159,000	76,600	25,000	0
Wind and tidal		159,960	900	0	810	0	0
Thermal	472,185	2,329,500	1,749,500	1,091,474	25,000	51,598	54,275
Steam	97,250	2,026,500	1,602,000	950,000	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	9,515	0	5,400	48,474	25,000	43,898	54,275
Combustion turbine	365,420	303,000	142,100	93,000	0	7,700	0
<b>Total installed capacity</b>	5,501,473	3,344,120	1,802,600	11,250,474	102,410	76,598	54,275
Percentage of total for Canada	6.01	3.65	1.97	12.29	0.11	0.08	0.06
<b>Total installed capacity, 2006</b>	5,503,057	3,344,120	1,808,325	11,248,503	98,610	67,763	54,275
Percentage change from 2006	-0.03	0.00	-0.32	0.02	3.85	13.04	0.00
<b>Private utilities</b>							
Hydro	0	0	856,828	921,988	1,300	0	0
Wind and tidal	103,950	11,220	437,960	0	0	0	0
Thermal	0	482,000	7,086,496	419,600	7,250	1,580	0
Steam	0	145,000	5,630,225	229,500	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	0	0	83,336	7,100	7,250	1,580	0
Combustion turbine	0	337,000	1,372,935	183,000	0	0	0
<b>Total installed capacity</b>	103,950	493,220	8,381,284	1,341,588	8,550	1,580	0
Percentage of total for Canada	0.43	2.03	34.44	5.51	0.04	0.01	0.00
<b>Total installed capacity, 2006</b>	103,950	493,220	8,306,284	1,270,988	9,350	1,480	0
Percentage change from 2006	0.00	0.00	0.90	5.55	-8.56	6.76	0.00
<b>Industries</b>							
Hydro	0	0	0	1,527,910	0	0	0
Wind and tidal	0	0	0	0	0	0	0
Thermal	22,000	41,450	1,666,795	712,030	0	72,900	0
Steam	22,000	41,450	612,465	589,250	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	0	0	15,150	5,400	0	53,400	0
Combustion turbine	0	0	1,039,180	117,380	0	19,500	0
<b>Total installed capacity</b>	22,000	41,450	1,666,795	2,239,940	0	72,900	0
Percentage of total for Canada	0.26	0.49	19.87	26.70	0.00	0.87	0.00
<b>Total installed capacity, 2006</b>	22,000	41,450	1,621,360	2,308,210	0	72,900	0
Percentage change from 2006	0.00	0.00	2.80	-2.96	0.00	0.00	0.00

**Table 2**  
**Generation of electric energy, 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
megawatt hours							
<b>Electric utilities and industry</b>							
Hydro	364,128,200	40,048,491	0	924,514	2,802,981	181,099,757	34,336,031
Wind and tidal	2,947,582	0	39,633	177,060	0	617,379	492,947
Thermal	250,393,809	1,534,822	5,099	11,472,468	14,835,866	10,244,962	123,405,432
Steam	127,952,921	1,255,915	5,360	11,218,593	8,595,138	2,562,433	34,343,191
Nuclear	88,190,431	0	0	0	4,118,700	4,321,577	79,750,154
Internal combustion	4,259,828	43,426	116	0	6,088	271,988	2,878,664
Combustion turbine	29,990,629	235,481	-377	253,875	2,115,940	3,088,964	6,433,423
<b>Total energy generated</b>	<b>617,469,591</b>	<b>41,583,313</b>	<b>44,732</b>	<b>12,574,042</b>	<b>17,638,847</b>	<b>191,962,098</b>	<b>158,234,410</b>
<b>Percentage of total for Canada</b>	<b>100.00</b>	<b>6.70</b>	<b>0.00</b>	<b>2.00</b>	<b>2.90</b>	<b>31.10</b>	<b>25.60</b>
<b>Electric utilities</b>							
Hydro	334,251,275	38,525,161	0	892,138	2,793,761	163,301,462	33,404,214
Wind and tidal	2,946,466	0	39,633	177,060	0	617,379	492,947
Thermal	232,462,561	1,287,323	5,099	11,267,885	13,490,207	9,763,621	121,234,683
Steam	117,958,123	1,255,915	5,360	11,014,010	7,941,891	2,081,092	33,081,450
Nuclear	88,190,431	0	0	0	4,118,700	4,321,577	79,750,154
Internal combustion	3,883,277	43,426	116	0	6,088	271,988	2,769,301
Combustion turbine	22,430,730	-12,018	-377	253,875	1,423,528	3,088,964	5,633,778
<b>Total energy generated</b>	<b>569,660,302</b>	<b>39,812,484</b>	<b>44,732</b>	<b>12,337,083</b>	<b>16,283,968</b>	<b>173,682,462</b>	<b>155,131,844</b>
<b>Percentage of total for Canada</b>	<b>100.00</b>	<b>7.00</b>	<b>0.00</b>	<b>2.20</b>	<b>2.90</b>	<b>30.50</b>	<b>27.20</b>
<b>Industry</b>							
Hydro	29,876,925	1,523,330	0	32,376	9,220	17,798,295	931,817
Wind and tidal	1,116	0	0	0	0	0	0
Thermal	17,931,248	247,499	0	204,583	1,345,659	481,341	2,170,749
Steam	9,994,798	0	0	204,583	653,247	481,341	1,261,741
Nuclear	0	0	0	0	0	0	0
Internal combustion	376,551	0	0	0	0	0	109,363
Combustion turbine	7,559,899	247,499	0	0	692,412	0	799,645
<b>Total energy generated</b>	<b>47,809,289</b>	<b>1,770,829</b>	<b>0</b>	<b>236,959</b>	<b>1,354,879</b>	<b>18,279,636</b>	<b>3,102,566</b>
<b>Percentage of total for Canada</b>	<b>100.00</b>	<b>3.70</b>	<b>0.00</b>	<b>0.50</b>	<b>2.80</b>	<b>38.20</b>	<b>6.50</b>

Table 2 – continued

## Generation of electric energy, 2007

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
megawatt hours							
<b>Electric utilities and industry</b>							
Hydro	33,513,217	4,392,985	2,141,189	64,288,157	330,632	250,246	0
Wind and tidal	325,115	579,488	715,553	0	407	0	0
Thermal	564,170	15,601,976	64,575,617	7,544,855	23,655	436,006	148,881
Steam	511,502	14,271,754	50,180,443	5,008,592	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	12,934	1,395	492,488	82,664	23,655	297,529	148,881
Combustion turbine	39,734	1,328,827	13,902,686	2,453,599	0	138,477	0
<b>Total energy generated</b>	<b>34,402,502</b>	<b>20,574,449</b>	<b>67,432,359</b>	<b>71,833,012</b>	<b>354,694</b>	<b>686,252</b>	<b>148,881</b>
<b>Percentage of total for Canada</b>	<b>5.60</b>	<b>3.30</b>	<b>10.90</b>	<b>11.60</b>	<b>0.10</b>	<b>0.10</b>	<b>0.10</b>
<b>Electric utilities</b>							
Hydro	33,513,217	4,392,985	2,141,189	54,706,270	330,632	250,246	0
Wind and tidal	325,115	579,488	714,437	0	407	0	0
Thermal	479,021	15,305,777	56,368,247	3,005,243	23,655	82,919	148,881
Steam	426,353	13,976,441	46,834,467	1,341,144	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	12,934	509	492,024	58,489	23,655	55,866	148,881
Combustion turbine	39,734	1,328,827	9,041,756	1,605,610	0	27,053	0
<b>Total energy generated</b>	<b>34,317,353</b>	<b>20,278,250</b>	<b>59,223,873</b>	<b>57,711,513</b>	<b>354,694</b>	<b>333,165</b>	<b>148,881</b>
<b>Percentage of total for Canada</b>	<b>6.00</b>	<b>3.60</b>	<b>10.40</b>	<b>10.10</b>	<b>0.10</b>	<b>0.10</b>	<b>0.10</b>
<b>Industry</b>							
Hydro	0	0	0	9,581,887	0	0	0
Wind and tidal	0	0	1,116	0	0	0	0
Thermal	85,149	296,199	8,207,370	4,539,612	0	353,087	0
Steam	85,149	295,313	3,345,976	3,667,448	0	0	0
Nuclear	0	0	0	0	0	0	0
Internal combustion	0	886	464	24,175	0	241,663	0
Combustion turbine	0	0	4,860,930	847,989	0	111,424	0
<b>Total energy generated</b>	<b>85,149</b>	<b>296,199</b>	<b>8,208,486</b>	<b>14,121,499</b>	<b>0</b>	<b>353,087</b>	<b>0</b>
<b>Percentage of total for Canada</b>	<b>0.20</b>	<b>0.60</b>	<b>17.20</b>	<b>29.50</b>	<b>0.00</b>	<b>0.60</b>	<b>0.00</b>

**Table 3**  
**Supply and disposition of electric energy, electric utilities and industry, 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
	megawatt-hours						
<b>Total net generation</b>	617,469,591	41,583,313	44,732	12,574,042	17,638,847	191,962,098	158,234,410
<b>Total received from other provinces</b>	...	<b>16,947</b>	<b>1,160,935</b>	<b>280,597</b>	<b>1,466,014</b>	<b>33,966,926</b>	<b>3,711,520</b>
Purchased	...	16,947	1,160,935	280,597	1,466,014	33,966,926	3,711,520
Exchanged	...	0	0	0	0	0	0
<b>Total imported</b>	<b>19,380,104</b>	<b>0</b>	<b>0</b>	<b>62,917</b>	<b>641,755</b>	<b>3,355,838</b>	<b>7,070,359</b>
Purchased	19,285,638	0	0	62,917	641,755	3,355,838	7,070,359
Thousands of dollars	1,031,201	0	0	5,344	44,656	197,419	369,985
Exchanged	94,466	0	0	0	0	0	0
<b>Total delivered to other provinces</b>	...	<b>30,094,860</b>	<b>0</b>	<b>27,303</b>	<b>1,556,758</b>	<b>3,558,708</b>	<b>4,501,487</b>
Firm	...	30,094,860	0	12,673	1,162,986	3,541,761	4,335,265
Secondary	...	0	0	14,630	393,772	16,947	166,222
Exchanged	...	0	0	0	0	0	0
<b>Total exported</b>	<b>44,690,590</b>	<b>0</b>	<b>0</b>	<b>30,634</b>	<b>1,780,259</b>	<b>15,711,988</b>	<b>11,089,756</b>
Thousands of dollars	<b>3,234,687</b>	<b>0</b>	<b>0</b>	<b>1,637</b>	<b>123,800</b>	<b>1,222,292</b>	<b>580,205</b>
Firm	17,108,849	0	0	0	1,171,712	4,454,055	6,298,001
Thousands of dollars	1,112,231	0	0	0	79,550	313,164	334,614
Secondary	33,313,165	0	0	30,634	608,547	11,257,933	4,669,919
Thousands of dollars	2,122,456	0	0	1,637	44,250	909,128	245,591
Exchanged	-5,731,424	0	0	0	0	0	121,836
<b>Total made available</b>	592,161,062	11,505,400	1,205,667	12,859,619	16,409,599	210,014,166	153,425,046
<b>Sales to ultimate customers</b>	<b>497,036,428</b>	<b>8,944,388</b>	<b>1,129,972</b>	<b>11,418,618</b>	<b>13,563,435</b>	<b>177,124,497</b>	<b>131,313,198</b>
Thousands of dollars	<b>35,015,143</b>	<b>612,191</b>	<b>140,219</b>	<b>1,060,843</b>	<b>1,111,234</b>	<b>10,493,387</b>	<b>11,191,394</b>
Residential	158,576,391	3,543,090	168,496	4,518,229	5,427,487	60,380,942	42,395,468
Thousands of dollars	13,777,587	328,832	25,757	492,145	511,706	4,162,547	4,825,518
Agriculture	9,104,030	28,744	284,925	65,921	97,172	1,989,231	2,235,971
Thousands of dollars	856,936	2,799	39,566	7,385	6,316	139,666	285,736
Mining and manufacturing	180,507,186	3,143,870	139,965	3,225,881	5,931,766	77,647,081	28,723,803
Thousands of dollars	8,238,907	81,308	16,290	207,657	377,746	3,244,643	1,355,691
Other industries	148,848,821	2,228,684	536,586	3,608,587	2,107,010	37,107,243	57,957,956
Thousands of dollars	12,141,713	199,252	58,606	353,656	215,466	2,946,531	4,724,449
Used by producers	51,219,233	1,667,574	4,125	277,066	1,069,869	21,157,425	5,357,936
Unallocated energy	43,905,401	893,438	71,570	1,163,935	1,776,295	11,732,244	16,753,912
<b>Total disposal</b>	<b>592,161,062</b>	<b>11,505,400</b>	<b>1,205,667</b>	<b>12,859,619</b>	<b>16,409,599</b>	<b>210,014,166</b>	<b>153,425,046</b>

Table 3 – continued

## Supply and disposition of electric energy, electric utilities and industry, 2007

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	megawatt-hours						
<b>Total net generation</b>	34,402,502	20,574,449	67,432,359	71,883,012	354,694	686,252	148,881
<b>Total received from other provinces</b>	<b>173,568</b>	<b>1,031,828</b>	<b>1,781,495</b>	<b>1,101,312</b>	<b>0</b>	<b>0</b>	<b>0</b>
Purchased	173,568	1,031,828	1,781,495	1,101,312	0	0	0
Exchanged	0	0	0	0	0	0	0
<b>Total imported</b>	<b>534,285</b>	<b>203,343</b>	<b>222,902</b>	<b>7,288,705</b>	<b>0</b>	<b>0</b>	<b>0</b>
Purchased	527,575	203,343	222,902	7,200,949	0	0	0
Thousands of dollars	26,242	7,530	12,770	367,255	0	0	0
Exchanged	6,710	0	0	87,756	0	0	0
<b>Total delivered to other provinces</b>	<b>1,782,187</b>	<b>840,178</b>	<b>1,208,616</b>	<b>1,119,088</b>	<b>0</b>	<b>0</b>	<b>0</b>
Firm	1,232,085	840,178	1,050	1,119,088	0	0	0
Secondary	550,102	0	1,207,566	0	0	0	0
Exchanged	0	0	0	0	0	0	0
<b>Total exported</b>	<b>11,092,806</b>	<b>391,579</b>	<b>154,748</b>	<b>4,438,820</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Thousands of dollars</b>	<b>543,485</b>	<b>22,760</b>	<b>7,522</b>	<b>732,986</b>	<b>0</b>	<b>0</b>	<b>0</b>
Firm	3,537,806	382,282	154,748	1,110,245	0	0	0
Thousands of dollars	193,645	22,214	7,522	161,522	0	0	0
Secondary	7,525,308	9,297	0	9,211,527	0	0	0
Thousands of dollars	349,840	546	0	571,464	0	0	0
Exchanged	29,692	0	0	-5,882,952	0	0	0
<b>Total made available</b>	<b>22,235,362</b>	<b>20,577,863</b>	<b>68,073,392</b>	<b>74,665,121</b>	<b>354,694</b>	<b>686,252</b>	<b>148,881</b>
<b>Sales to ultimate customers</b>	<b>19,823,847</b>	<b>17,918,442</b>	<b>51,349,748</b>	<b>63,669,192</b>	<b>324,076</b>	<b>316,826</b>	<b>140,189</b>
<b>Thousands of dollars</b>	<b>1,012,611</b>	<b>1,409,183</b>	<b>4,289,126</b>	<b>3,515,913</b>	<b>38,170</b>	<b>78,541</b>	<b>62,331</b>
Residential	7,423,599	3,038,847	9,094,345	22,135,896	273,429	114,554	62,009
Thousands of dollars	459,696	362,398	997,182	1,515,769	33,988	33,531	28,518
Agriculture	701,714	1,328,973	1,865,364	482,449	23,566	0	0
Thousands of dollars	36,132	126,665	186,270	24,948	1,453	0	0
Mining and manufacturing	5,658,651	7,837,172	24,405,597	23,764,990	9,031	19,379	0
Thousands of dollars	189,595	469,427	1,321,695	971,394	1,038	2,423	0
Other industries	6,039,883	5,713,450	15,984,442	17,285,857	18,050	182,893	78,180
Thousands of dollars	327,188	450,693	1,783,979	1,003,802	1,691	42,587	33,813
Used by producers	85,149	674,560	9,551,338	11,024,381	0	349,810	0
Unallocated energy	2,326,366	1,984,861	7,172,306	-28,452	30,618	25,857	2,451
<b>Total disposal</b>	<b>22,235,362</b>	<b>20,577,863</b>	<b>68,073,392</b>	<b>74,665,121</b>	<b>354,694</b>	<b>686,252</b>	<b>148,881</b>



**Table 4**  
**Residential and agriculture sales of electric power, 2003 to 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
	number						
<b>Customers</b>							
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	13,578,206	227,444	54,863	434,044	337,000	3,477,903	4,625,103
2007	13,688,985	232,100	54,920	441,565	340,345	3,479,420	4,667,168
	megawatt-hours						
<b>Energy</b>							
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	157,167,563	3,358,265	433,411	4,070,251	5,478,744	58,926,446	44,882,164
2007	167,680,421	3,571,834	453,421	4,584,150	5,524,659	62,370,173	44,631,439
	thousands of dollars						
<b>Revenue</b>							
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	13,779,806	311,693	58,470	444,238	509,949	3,916,517	5,150,282
2007	14,634,523	331,631	65,323	499,530	518,022	4,302,213	5,111,254
	dollars						
<b>Average annual bill</b>							
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	1,014.85	1,370.42	1,065.75	1,023.49	1,513.20	1,126.11	1,113.55
2007	1,069.07	1,428.83	1,189.42	1,131.27	1,522.05	1,236.47	1,095.15
	kilowatt-hours						
<b>Consumption per customer</b>							
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	11.575	14.765	7.900	9.378	16.257	16.943	9.704
2007	12.249	15.389	8.256	10.382	16.233	17.925	9.563
<b>Revenue per KW.h</b>							
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	8.77	9.28	13.49	10.91	9.31	6.65	11.48
2007	8.73	9.28	14.41	10.90	9.38	6.90	11.45

Table 4 – continued

## Residential and agriculture sales of electric power, 2003 to 2007

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	number						
<b>Customers</b>							
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
2007	492,794	443,543	1,885,050	1,610,346	16,350	15,250	10,134
	megawatt-hours						
<b>Energy</b>							
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
2007	8,125,313	4,367,820	10,959,709	22,618,345	296,995	114,554	62,009
	thousands of dollars						
<b>Revenue</b>							
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
2007	495,828	489,063	1,183,452	1,540,717	35,441	33,531	28,518
	dollars						
<b>Average annual bill</b>							
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
2007	1,006.16	1,102.63	627.81	956.76	2,167.65	2,198.75	2,814.09
	kilowatt-hours						
<b>Consumption per customer</b>							
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
2007	16.488	9.848	5.814	14.046	18.165	7.512	6,119
<b>Revenue per Kw.h</b>							
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
2007	6.10	11.20	10.80	6.81	11.93	29.27	45.99

**Table 5**  
**Administrative and operating employees and wages and salaries of electric utilities, 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
<b>Total utilities</b>							
<b>Number of employees</b>	75,695	1,460	119	1,768	2,789	22,589	28,027
<b>Wages and salaries (\$'000)</b>	5,964,536	109,371	7,476	118,065	242,497	1,670,435	2,204,614
<b>Public utilities</b>							
Number of employees	66,161	1,156	19	0	2,785	22,413	24,181
Wages and salaries (\$'000)	5,049,814	81,076	910	0	242,241	1,660,021	1,698,063
<b>Private utilities</b>							
Number employees	9,534	304	100	1,768	4	176	3,846
Wages and salaries (\$'000)	914,722	28,295	6,566	118,065	256	10,414	506,551
	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
<b>Total utilities</b>							
<b>Number of employees</b>	4,390	2,784	5,229	5,899	102	241	298
<b>Wages and salaries (\$'000)</b>	305,359	171,202	430,077	660,201	8,609	20,495	16,135
<b>Public utilities</b>							
Number of employees	4,390	2,784	2,265	5,608	62	200	298
Wages and salaries (\$'000)	305,359	171,202	227,159	624,629	5,260	17,759	16,135
<b>Private utilities</b>							
Number employees	0	0	2,964	291	40	41	0
Wages and salaries (\$'000)	0	0	202,918	35,572	3,349	2,736	0

**Table 6-1**  
**Electric utility thermal plants — Fuel use, 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
<b>Fuel consumed</b>							
<b>Total coal</b>	55,193,838	0	0	2,716,925	1,140,257	0	13,155,363
Canadian bituminous (Mt)	4,320,341	0	0	400,646	177,993	0	3,205,511
Imported bituminous (Mt)	4,774,867	0	0	2,316,279	962,264	0	1,496,324
Canadian sub-bituminous (Mt)	27,998,464	0	0	0	0	0	0
Imported sub-bituminous (Mt)	7,886,485	0	0	0	0	0	7,654,025
Lignite (Mt)	10,213,681	0	0	0	0	0	799,503
<b>Total petroleum</b>	1,813,404	355,794	2,912	284,499	899,643	90,745	90,648
Light fuel oil (kl)	48,518	1,966	547	4,934	5,573	2,065	24,659
Heavy fuel oil (kl)	1,554,770	339,466	2,365	195,084	892,033	59,833	65,989
Diesel (kl)	210,116	14,362	0	84,481	2,037	28,847	0
Natural gas ('000 cu.m)	9,872,471	0	0	304,535	439,735	949,538	3,242,149
Wood (Mt)	2,005,096	0	985	104,773	0	208,290	588,653
Uranium (kg)	1,638,934	0	0	0	82,524	79,892	1,476,518
Other (Mt)	1,391,234	0	84	825,589	237,508	81,302	195,218
average kilojoule content of fuel							
<b>Energy content</b>							
Canadian bituminous (kj/kg)	28,191	0	0	24,390	27,179	0	29,396
Imported bituminous (kj/kg)	28,230	0	0	28,364	26,283	0	29,275
Canadian sub-bituminous (kj/kg)	18,500	0	0	0	0	0	0
Imported sub-bituminous (kj/kg)	19,785	0	0	0	0	0	19,656
Lignite (kj/kg)	15,081	0	0	0	0	0	16,035
Light fuel oil (kj/l)	38,951	38,414	37,277	37,594	38,755	37,937	38,181
Heavy fuel oil (kj/l)	42,363	43,030	42,959	42,190	42,229	41,598	41,917
Diesel (kj/l)	38,550	38,163	0	37,564	39,007	37,788	0
Natural gas (kj/cu.m)	37,699	0	0	38,096	37,145	37,528	37,784
Wood (kj/kg)	17,028	0	18,000	20,342	0	19,093	13,888
Uranium (kj/g)	670,068	0	0	0	637,135	208,915	696,861
Other energy (kj/kg)	28,271	0	1,084	32,749	32,563	18,073	11,571
thousand of dollars							
<b>Cost of fuel used</b>	4,736,244	119,335	763	424,510	452,552	281,618	1,592,695
<b>Total coal</b>	<b>1,650,048</b>	<b>0</b>	<b>0</b>	<b>231,344</b>	<b>96,387</b>	<b>0</b>	<b>666,094</b>
Canadian bituminous	242,457	0	0	18,741	18,003	0	188,506
Imported bituminous	418,166	0	0	212,602	78,383	0	127,179
Canadian sub-bituminous	413,172	0	0	0	0	0	0
Imported sub-bituminous	335,746	0	0	0	0	0	326,428
Lignite	240,505	0	0	0	0	0	23,979
<b>Total petroleum</b>	<b>555,746</b>	<b>119,335</b>	<b>732</b>	<b>66,404</b>	<b>213,676</b>	<b>52,884</b>	<b>41,919</b>
Light fuel oil	26,983	981	225	2,751	3,158	1,667	15,132
Heavy fuel oil	414,647	107,746	506	47,943	209,551	22,111	26,786
Diesel	114,114	10,607	0	15,708	966	29,105	0
Natural gas	2,252,809	0	0	77,768	116,547	214,209	702,627
Wood	23,462	0	29	6,932	0	3,359	7,226
Uranium	192,616	0	0	0	9,335	10,300	172,981
Other	61,562	0	0	42,061	16,606	865	1,846

Table 6-1 – continued

## Electric utility thermal plants — Fuel use, 2007

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
<b>Fuel consumed</b>							
<b>Total coal</b>	232,460	9,414,178	28,534,655	0	0	0	0
Canadian bituminous (Mt)	0	0	536,191	0	0	0	0
Imported bituminous (Mt)	0	0	0	0	0	0	0
Canadian sub-bituminous (Mt)	0	0	27,998,464	0	0	0	0
Imported sub-bituminous (Mt)	232,460	0	0	0	0	0	0
Lignite (Mt)	0	9,414,178	0	0	0	0	0
<b>Total petroleum</b>	6,720	6,026	3,618	11,820	6,448	16,683	37,848
Light fuel oil (kl)	2,858	5,916	0	0	0	0	0
Heavy fuel oil (kl)	0	0	0	0	0	0	0
Diesel (kl)	3,862	110	3,618	11,820	6,448	16,683	37,848
Natural gas ('000 cu.m)	19,128	857,711	3,507,690	535,439	0	16,546	0
Wood (Mt)	0	0	385,754	716,641	0	0	0
Uranium (kg)	0	0	0	0	0	0	0
Other (Mt)	0	0	51,533	0	0	0	0
	average kilojoule content of fuel						
<b>Energy content</b>							
Canadian bituminous (kj/kg)	0	0	24,170	0	0	0	0
Imported bituminous (kj/kg)	0	0	0	0	0	0	0
Canadian sub-bituminous (kj/kg)	0	0	18,500	0	0	0	0
Imported sub-bituminous (kj/kg)	24,049	0	0	0	0	0	0
Lignite (kj/kg)	0	15,000	0	0	0	0	0
Light fuel oil (kj/l)	45,494	41,000	0	0	0	0	0
Heavy fuel oil (kj/l)	0	0	0	0	0	0	0
Diesel (kj/l)	37,443	38,680	38,184	39,970	38,575	35,637	47,530
Natural gas (kj/cu.m)	37,385	37,304	37,734	38,132	0	37,642	0
Wood (kj/kg)	0	0	18,000	18,000	0	0	0
Uranium (kj/g)	0	0	0	0	0	0	0
Other energy (kj/kg)	0	0	16,150	0	0	0	0
	thousand of dollars						
<b>Cost of fuel used</b>	<b>21,521</b>	<b>468,620</b>	<b>1,139,424</b>	<b>180,222</b>	<b>5,504</b>	<b>27,301</b>	<b>22,172</b>
<b>Total coal</b>	9,317	216,526	430,378	0	0	0	0
Canadian bituminous	0	0	17,205	0	0	0	0
Imported bituminous	0	0	0	0	0	0	0
Canadian sub-bituminous	0	0	413,172	0	0	0	0
Imported sub-bituminous	9,317	0	0	0	0	0	0
Lignite	0	216,526	0	0	0	0	0
<b>Total petroleum</b>	<b>4,581</b>	<b>1,676</b>	<b>0</b>	<b>6,247</b>	<b>5,504</b>	<b>20,611</b>	<b>22,172</b>
Light fuel oil	1,465	1,600	0	0	0	0	0
Heavy fuel oil	0	0	0	0	0	0	0
Diesel	3,115	76	0	6,247	5,504	20,611	22,172
Natural gas	7,622	250,418	707,823	169,102	0	6,690	0
Wood	0	0	1,040	4,873	0	0	0
Uranium	0	0	0	0	0	0	0
Other	0	0	181	0	0	0	0

**Table 6-2**  
**Electric utility thermal plants — Electric power generation, 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
megawatt hours							
<b>Net generation, all fuels</b>	<b>232,445,094</b>	<b>1,287,323</b>	<b>5,099</b>	<b>11,267,885</b>	<b>13,490,207</b>	<b>9,763,621</b>	<b>121,217,216</b>
<b>Total coal</b>	<b>94,334,455</b>	<b>0</b>	<b>0</b>	<b>7,011,347</b>	<b>2,914,347</b>	<b>0</b>	<b>27,931,602</b>
Canadian bituminous	10,916,459	0	0	919,743	374,324	0	8,702,817
Imported bituminous	12,731,730	0	0	6,091,604	2,540,023	0	4,100,103
Canadian sub-bituminous	42,807,638	0	0	0	0	0	0
Imported sub-bituminous	14,437,279	0	0	0	0	0	14,049,053
Lignite	13,441,349	0	0	0	0	0	1,079,629
<b>Total petroleum</b>	<b>6,894,195</b>	<b>1,287,323</b>	<b>1,373</b>	<b>847,232</b>	<b>3,836,857</b>	<b>326,357</b>	<b>269,470</b>
Light fuel oil	108,707	-10,215	611	16,484	12,322	-1,805	60,518
Heavy fuel oil	6,085,606	1,253,788	762	576,873	3,819,776	225,455	208,952
Diesel	699,882	43,750	0	253,875	4,759	102,707	0
Natural gas	37,357,022	0	0	788,219	1,843,571	4,562,979	12,531,705
Wood	1,889,801	0	3,707	134,075	0	353,517	518,114
Uranium	88,190,431	0	0	0	4,118,700	4,321,577	79,750,154
Other	3,779,190	0	19	2,487,012	776,732	199,191	216,171
percentage							
<b>Fuel efficiency</b>	<b>30.94</b>	<b>30.43</b>	<b>13.13</b>	<b>31.73</b>	<b>33.55</b>	<b>57.22</b>	<b>29.75</b>
<b>Total coal</b>	<b>31.31</b>	<b>0.00</b>	<b>0.00</b>	<b>33.44</b>	<b>34.82</b>	<b>0.00</b>	<b>33.37</b>
Canadian bituminous	32.27	0.00	0.00	33.88	27.86	0.00	33.25
Imported bituminous	34.00	0.00	0.00	33.38	36.16	0.00	33.70
Canadian sub-bituminous	29.75	0.00	0.00	0.00	0.00	0.00	0.00
Imported sub-bituminous	33.31	0.00	0.00	0.00	0.00	0.00	33.62
Lignite	31.41	0.00	0.00	0.00	0.00	0.00	30.32
<b>Total petroleum</b>	<b>32.72</b>	<b>30.43</b>	<b>4.05</b>	<b>26.32</b>	<b>36.38</b>	<b>32.12</b>	<b>26.16</b>
Light fuel oil	20.71	-48.69	10.79	31.99	20.54	-8.29	23.14
Heavy fuel oil	33.26	30.90	2.70	25.23	36.50	32.61	27.19
Diesel	31.11	28.74	0.00	28.80	21.56	33.92	0.00
Natural gas	36.13	0.00	0.00	24.46	40.63	46.10	36.83
Wood	19.92	0.00	75.27	22.65	0.00	32.00	22.81
Uranium	28.91	0.00	0.00	0.00	28.20	93.21	27.90
Other	34.59	0.00	75.12	33.11	36.16	48.80	34.45

Table 6-2 – continued

## Electric utility thermal plants — Electric power generation, 2007

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
megawatt hours							
<b>Net generation all fuels</b>	<b>479,021</b>	<b>15,305,777</b>	<b>56,368,247</b>	<b>3,005,243</b>	<b>23,655</b>	<b>82,919</b>	<b>148,881</b>
<b>Total coal</b>	<b>388,226</b>	<b>12,361,720</b>	<b>43,727,213</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Canadian bituminous	0	0	919,575	0	0	0	0
Imported bituminous	0	0	0	0	0	0	0
Canadian sub-bituminous	0	0	42,807,638	0	0	0	0
Imported sub-bituminous	388,226	0	0	0	0	0	0
Lignite	0	12,361,720	0	0	0	0	0
<b>Total petroleum</b>	<b>21,963</b>	<b>22,272</b>	<b>10,016</b>	<b>58,612</b>	<b>23,655</b>	<b>40,184</b>	<b>148,881</b>
Light fuel oil	9,029	21,763	0	0	0	0	0
Heavy fuel oil	0	0	0	0	0	0	0
Diesel	12,934	509	10,016	58,612	23,655	40,184	148,881
Natural gas	68,832	2,921,785	12,195,648	2,401,548	0	42,735	0
Wood	0	0	335,305	545,083	0	0	0
Uranium	0	0	0	0	0	0	0
Other	0	0	100,065	0	0	0	0
percentage							
<b>Fuel efficiency</b>	<b>26.21</b>	<b>31.77</b>	<b>30.23</b>	<b>32.02</b>	<b>34.24</b>	<b>21.80</b>	<b>36.75</b>
<b>Total coal</b>	<b>25.00</b>	<b>31.51</b>	<b>29.65</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Canadian bituminous	0.00	0.00	25.54	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	29.75	0.00	0.00	0.00	0.00
Imported sub-bituminous	25.00	0.00	0.00	0.00	0.00	0.00	0.00
Lignite	0.00	31.51	0.00	0.00	0.00	0.00	0.00
<b>Total petroleum</b>	<b>28.79</b>	<b>32.49</b>	<b>26.10</b>	<b>44.66</b>	<b>34.24</b>	<b>21.27</b>	<b>36.75</b>
Light fuel oil	25.00	32.30	0.00	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	32.20	43.07	26.10	44.66	34.24	21.27	36.75
Natural gas	34.65	32.87	33.17	42.34	0.00	24.70	0.00
Wood	0.00	0.00	17.38	15.21	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	43.28	0.00	0.00	0.00	0.00

**Table 7-1**  
**Assets and liabilities at end of year — All electric utilities, 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
	thousands of dollars						
<b>Total assets</b>	<b>183,586,220</b>	<b>3,853,901</b>	<b>378,488</b>	<b>3,151,533</b>	<b>4,824,160</b>	<b>66,462,206</b>	<b>52,624,323</b>
<b>Total net fixed assets</b>	135,502,747	2,769,479	309,939	2,410,911	3,400,144	54,442,062	33,852,582
Electric utility (at cost)							
Generating plant	89,382,554	2,028,912	110,064	2,272,443	4,403,556	36,022,969	21,559,048
Transmission plant	46,185,009	789,758	57,608	592,453	845,114	20,888,103	12,932,008
Distribution plant	43,699,028	972,707	250,560	1,075,925	839,015	11,547,214	12,195,533
Other property and equipment	13,922,408	454,422	3,131	301,984	322,311	5,544,354	2,748,589
Construction in progress	10,578,139	122,544	0	46,882	612,732	4,686,041	2,049,149
Accumulated depreciation	69,857,254	1,598,864	111,424	1,878,776	3,622,584	24,247,608	18,123,752
Net total electric utility	133,909,884	2,769,479	309,939	2,410,911	3,400,144	54,441,073	33,360,575
Heavy water plants (depreciated)	23,994	0	0	0	0	0	23,994
Other fixed assets (depreciated)	1,568,869	0	0	0	0	989	468,013
<b>Total current assets</b>	19,332,760	284,195	46,736	369,463	661,096	6,337,734	5,530,792
Cash (Canadian)	962,633	14,005	510	205	1,571	12,365	621,346
Cash (foreign)	4,376	0	0	0	516	1,069	-315
Temporary investments	3,981,349	2,283	0	2,900	6,200	3,135,419	60,259
Accounts receivable (net)	8,089,416	143,817	20,113	171,337	298,847	1,792,229	2,702,453
Inventories	2,312,654	66,148	5,830	98,941	191,933	367,722	1,047,686
Advances	1,446,052	0	0	6,300	0	28,841	534,072
Securities	71,514	16,667	0	0	0	0	54,847
Other assets	2,464,766	41,275	20,283	89,780	162,029	1,000,089	510,444
<b>Total investments</b>	4,897,573	644,823	1,150	1,878	646,237	378,424	633,756
Associated companies	2,748,808	463,923	0	0	0	377,405	544,916
Reserve fund	448,458	17,000	1,150	1,878	414,136	1,019	0
Other investments	1,700,307	163,900	0	0	232,101	0	88,840
Unamortized bond discount	233	3,111	0	0	0	0	0
Other deferred charges	3,594,782	90,485	143	274,679	75,328	179,610	1,412,249
Other assets	20,258,125	61,808	20,520	94,602	41,355	5,124,376	11,194,944
<b>Total liabilities</b>	<b>183,586,220</b>	<b>3,853,901</b>	<b>378,488</b>	<b>3,151,533</b>	<b>4,824,160</b>	<b>66,462,206</b>	<b>52,624,323</b>
Long-term debt	78,382,057	1,692,437	96,747	1,402,619	2,902,223	34,406,628	14,329,114
Current liabilities							
Accounts payable and accrued liabilities	8,963,283	138,245	18,945	139,013	306,798	1,922,063	2,923,936
Loans and notes payable	6,311,210	239,475	68,899	141,001	562,850	1,188,768	1,272,315
Accrued interest on long-term debt	1,503,311	39,536	2,415	25,244	45,120	898,292	123,560
Other liabilities	4,154,917	41,779	9,962	53,859	44,774	2,570,983	745,298
Deferred credits and other liabilities	25,788,773	138,411	68,381	195,801	522,436	4,027,299	15,048,975
<b>Total capital surplus and reserve</b>	<b>58,482,669</b>	<b>1,564,018</b>	<b>113,139</b>	<b>1,193,996</b>	<b>439,959</b>	<b>21,448,173</b>	<b>18,181,125</b>
Share capital	22,857,957	187,586	31,101	1,119,638	140,000	4,833,525	11,720,098
Surplus	35,540,556	1,341,432	79,970	74,358	299,959	16,613,681	6,441,126
Capital	2,591,216	0	6,848	-61,428	198,310	2,585	1,958,963
Earned	32,466,612	1,299,615	72,660	135,786	58,361	16,610,137	4,418,395
Contributed	482,728	41,817	462	0	43,288	959	63,768
Reserves	84,156	35,000	2,068	0	0	967	19,901



Table 7-1 – continued

## Assets and liabilities at end of year — All electric utilities, 2007

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	thousands of dollars						
<b>Total assets</b>	<b>11,640,500</b>	<b>4,642,309</b>	<b>19,687,965</b>	<b>15,549,546</b>	<b>236,650</b>	<b>370,039</b>	<b>164,600</b>
<b>Total net fixed assets</b>	8,497,485	3,876,591	12,999,257	12,320,639	205,616	285,530	132,512
Electric utility (at cost)							
Generating plant	5,032,063	3,388,301	7,202,397	6,860,636	155,266	253,168	93,731
Transmission plant	3,066,961	779,992	3,130,143	3,009,340	54,547	38,982	0
Distribution plant	2,187,247	2,413,292	4,448,864	7,554,058	115,528	85,313	13,772
Other property and equipment	1,058,129	316,263	2,175,470	950,146	20,411	5,461	21,737
Construction in progress	1,234,765	135,482	722,598	941,977	9,380	13,938	2,651
Accumulated depreciation	4,081,680	3,160,752	5,672,270	7,098,418	149,516	111,610	0
Net total electric utility	8,497,485	3,872,578	12,007,202	12,217,739	205,616	285,252	131,891
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	0	4,013	992,055	102,900	0	278	621
<b>Total current assets</b>	<b>886,981</b>	<b>442,135</b>	<b>2,993,141</b>	<b>1,699,343</b>	<b>19,748</b>	<b>29,308</b>	<b>32,088</b>
Cash (Canadian)	7,860	-6,785	259,437	45,485	6,237	397	0
Cash (foreign)	1,313	1,218	575	0	0	0	0
Temporary investments	123,712	89,166	33,410	528,000	0	0	0
Accounts receivable (net)	295,376	197,827	1,748,304	667,698	9,014	23,405	18,996
Inventories	85,748	151,791	131,331	144,431	4,201	4,924	11,968
Advances	335,346	0	541,493	0	0	0	0
Securities	0	0	0	0	0	0	0
Other assets	37,626	8,918	278,591	313,729	296	582	1,124
<b>Total investments</b>	<b>942,437</b>	<b>267,632</b>	<b>1,234,776</b>	<b>92,477</b>	<b>0</b>	<b>53,983</b>	<b>0</b>
Associated companies	242,228	0	1,118,471	1,865	0	0	0
Reserve fund	0	4	0	1,612	0	11,659	0
Other investments	700,209	267,628	116,305	89,000	0	42,324	0
Unamortized bond discount	-4,498	0	1,620	0	0	0	0
Other deferred charges	536,695	0	75,184	940,818	9,591	0	0
Other assets	781,400	55,951	2,383,987	496,269	1,695	1,218	0
<b>Total liabilities</b>	<b>11,640,500</b>	<b>4,642,309</b>	<b>19,687,965</b>	<b>15,549,546</b>	<b>236,650</b>	<b>370,039</b>	<b>164,600</b>
Long-term debt	7,217,181	2,232,841	6,056,788	7,693,410	111,063	174,657	66,349
Current liabilities							
Accounts payable and accrued liabilities	265,786	182,652	1,659,840	1,369,313	7,795	21,001	7,896
Loans and notes payable	335,027	340,310	1,134,314	997,736	6,491	18,147	5,877
Accrued interest on long-term debt	105,669	54,178	63,373	144,005	814	1,105	0
Other liabilities	0	31,641	360,647	286,159	0	3,724	6,091
Deferred credits and other liabilities	1,617,841	144,122	1,836,975	2,079,535	32,857	47,143	28,997
<b>Total capital surplus and reserve</b>	<b>2,098,996</b>	<b>1,656,565</b>	<b>8,576,028</b>	<b>2,979,388</b>	<b>77,630</b>	<b>104,262</b>	<b>49,390</b>
Share capital	0	659,999	3,668,138	392,897	46,019	58,956	0
Surplus	2,098,996	994,997	4,891,320	2,578,410	31,611	45,306	49,390
Capital	0	10	351,370	134,558	0	0	0
Earned	2,098,996	971,440	4,517,128	2,167,787	31,611	45,306	39,390
Contributed	0	23,547	22,822	276,065	0	0	10,000
Reserves	0	1,569	16,570	8,081	0	0	0

**Table 7-2**  
**Assets and liabilities at end of year — Public electric utilities, 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
thousands of dollars							
<b>Total assets</b>	<b>158,739,882</b>	<b>2,786,696</b>	<b>17,233</b>	<b>0</b>	<b>4,792,555</b>	<b>65,090,793</b>	<b>45,305,354</b>
<b>Total net fixed assets</b>	<b>118,534,776</b>	<b>1,951,350</b>	<b>12,731</b>	<b>0</b>	<b>3,380,017</b>	<b>53,421,799</b>	<b>29,438,911</b>
Electric utility (at cost)							
Generating plant	76,013,745	1,794,808	8,272	0	4,377,556	34,872,878	15,988,159
Transmission plant	42,042,045	596,195	0	0	845,114	20,888,103	12,637,902
Distribution plant	38,211,361	163,300	13,628	0	839,015	11,547,214	12,023,449
Other property and equipment	11,281,003	325,558	2,439	0	322,092	5,499,913	2,487,880
Construction in progress	9,885,556	121,989	0	0	612,725	4,658,023	1,810,797
Accumulated depreciation	60,735,444	1,050,500	11,608	0	3,616,485	24,044,996	15,975,714
Net total electric utility	116,698,266	1,951,350	12,731	0	3,380,017	53,421,135	28,972,473
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	1,836,510	0	0	0	0	664	466,438
<b>Total current assets</b>	<b>15,844,833</b>	<b>190,523</b>	<b>3,352</b>	<b>0</b>	<b>653,343</b>	<b>6,261,942</b>	<b>4,172,126</b>
Cash (Canadian)	721,909	10,957	0	0	1,540	5,134	550,878
Cash (foreign)	1,308	0	0	0	0	0	-777
Temporary investments	3,925,489	0	0	0	0	3,128,859	24,434
Accounts receivable (net)	6,642,911	70,780	1,225	0	298,334	1,768,033	2,255,154
Inventories	2,006,993	60,900	991	0	191,931	362,092	894,468
Advances	364,106	0	0	0	0	3,172	25,588
Securities	71,514	16,667	0	0	0	0	54,847
Other assets	2,110,603	31,219	1,136	0	161,538	994,652	367,534
<b>Total investments</b>	<b>2,964,840</b>	<b>644,823</b>	<b>1,150</b>	<b>0</b>	<b>646,237</b>	<b>228,000</b>	<b>26,987</b>
Associated companies	939,557	463,923	0	0	0	228,000	5,406
Reserve fund	445,561	17,000	1,150	0	414,136	0	0
Other investments	1,579,722	163,900	0	0	232,101	0	21,581
Unamortized bond discount	-4,291	0	0	0	0	0	0
Other deferred charges	2,813,390	0	0	0	71,958	168,052	1,083,704
Other assets	18,586,334	0	0	0	41,000	5,011,000	10,583,626
<b>Total liabilities</b>	<b>158,739,882</b>	<b>2,786,696</b>	<b>17,233</b>	<b>0</b>	<b>4,792,555</b>	<b>65,090,793</b>	<b>45,305,354</b>
Long-term debt	68,658,086	1,206,762	4,747	0	2,897,548	33,546,355	11,832,777
Current liabilities							
Accounts payable and accrued liabilities	7,516,781	76,031	2,708	0	306,754	1,886,535	2,407,569
Loans and notes payable	5,332,299	233,517	1,944	0	560,094	1,160,672	1,084,377
Accrued interest on long-term debt	1,429,623	32,164	0	0	45,020	891,387	115,953
Other liabilities	3,891,634	31,700	1,136	0	44,513	2,569,950	664,410
Deferred credits and other liabilities	24,253,689	39,800	0	0	516,000	4,025,690	14,763,984
<b>Total capital surplus and reserve</b>	<b>47,657,770</b>	<b>1,166,722</b>	<b>6,698</b>	<b>0</b>	<b>422,626</b>	<b>21,010,204</b>	<b>14,436,284</b>
Share capital	16,440,056	105,400	0	0	140,000	4,434,261	10,586,116
Surplus	31,133,558	1,026,322	4,630	0	282,626	16,574,976	3,830,267
Capital	882,897	0	6,848	0	187,045	16,367	366,211
Earned	29,830,759	1,008,722	-2,680	0	52,293	16,557,650	3,438,597
Contributed	419,902	17,600	462	0	43,288	959	25,459
Reserves	84,156	35,000	2,068	0	0	967	19,901

Table 7-2 – continued

## Assets and liabilities at end of year — Public electric utilities, 2007

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	thousands of dollars						
<b>Total assets</b>	<b>11,640,500</b>	<b>4,642,309</b>	<b>9,376,824</b>	<b>14,413,226</b>	<b>187,342</b>	<b>322,450</b>	<b>164,600</b>
<b>Total net fixed assets</b>	8,497,485	3,876,591	6,087,077	11,325,596	164,394	246,313	132,512
Electric utility (at cost)							
Generating plant	5,032,063	3,388,301	3,633,275	6,439,067	138,983	246,652	93,731
Transmission plant	3,066,961	779,992	523,130	2,615,317	54,547	34,784	0
Distribution plant	2,187,247	2,413,292	1,700,219	7,260,081	15,360	34,784	13,772
Other property and equipment	1,058,129	316,263	406,416	820,165	20,411	0	21,737
Construction in progress	1,234,765	135,482	396,665	890,762	8,345	13,352	2,651
Accumulated depreciation	4,081,680	3,160,752	1,857,402	6,779,796	73,252	83,259	0
Net total electric utility	8,497,485	3,872,578	4,802,303	11,245,596	164,394	246,313	131,891
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	0	4,013	1,284,774	80,000	0	0	621
<b>Total current assets</b>	<b>886,981</b>	<b>442,135</b>	<b>1,576,216</b>	<b>1,591,472</b>	<b>12,501</b>	<b>22,154</b>	<b>32,088</b>
Cash (Canadian)	7,860	-6,785	100,890	44,863	6,237	335	0
Cash (foreign)	1,313	1,218	-446	0	0	0	0
Temporary investments	123,712	89,166	31,318	528,000	0	0	0
Accounts receivable (net)	295,376	197,827	1,150,955	564,657	3,726	17,848	18,996
Inventories	85,748	151,791	98,394	142,894	2,352	3,464	11,968
Advances	335,346	0	0	0	0	0	0
Securities	0	0	0	0	0	0	0
Other assets	37,626	8,918	195,105	311,058	186	507	1,124
<b>Total investments</b>	<b>942,437</b>	<b>267,632</b>	<b>62,979</b>	<b>90,612</b>	<b>0</b>	<b>53,983</b>	<b>0</b>
Associated companies	242,228	0	0	0	0	0	0
Reserve fund	0	4	0	1,612	0	11,659	0
Other investments	700,209	267,628	62,979	89,000	0	42,324	0
Unamortized bond discount	-4,498	0	207	0	0	0	0
Other deferred charges	536,695	0	14,390	929,000	9,591	0	0
Other assets	781,400	55,951	1,635,955	476,546	856	0	0
<b>Total liabilities</b>	<b>11,640,500</b>	<b>4,642,309</b>	<b>9,376,824</b>	<b>14,413,226</b>	<b>187,342</b>	<b>322,450</b>	<b>164,600</b>
Long-term debt	7,217,181	2,232,841	2,219,361	7,193,463	87,263	153,439	66,349
Current liabilities							
Accounts payable and accrued liabilities	265,786	182,652	1,031,517	1,328,837	4,119	16,377	7,896
Loans and notes payable	335,027	340,310	597,217	997,048	3,416	12,800	5,877
Accrued interest on long-term debt	105,669	54,178	48,289	135,858	0	1,105	0
Other liabilities	0	31,641	259,661	279,032	0	3,500	6,091
Deferred credits and other liabilities	1,617,841	144,122	1,003,134	2,035,449	32,150	46,522	28,997
<b>Total capital surplus and reserve</b>	<b>2,098,996</b>	<b>1,656,565</b>	<b>4,217,645</b>	<b>2,443,539</b>	<b>60,394</b>	<b>88,707</b>	<b>49,390</b>
Share capital	0	659,999	402,056	20,000	39,000	53,224	0
Surplus	2,098,996	994,997	3,799,019	2,415,458	21,394	35,483	49,390
Capital	0	10	171,858	134,558	0	0	0
Earned	2,098,996	971,440	3,604,639	2,004,835	21,394	35,483	39,390
Contributed	0	23,547	22,522	276,065	0	0	10,000
Reserves	0	1,569	16,570	8,081	0	0	0

**Table 7-3**  
**Assets and liabilities at end of year — Private electric utilities, 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
	thousands of dollars						
<b>Total assets</b>	<b>24,846,338</b>	<b>1,067,205</b>	<b>361,255</b>	<b>3,151,533</b>	<b>31,605</b>	<b>1,371,413</b>	<b>7,318,969</b>
<b>Total net fixed assets</b>	16,967,971	818,129	297,208	2,410,911	20,127	1,020,263	4,413,671
Electric utility (at cost)							
Generating plant	13,368,809	234,104	101,792	2,272,443	26,000	1,150,091	5,570,889
Transmission plant	4,142,964	193,563	57,608	592,453	0	0	294,106
Distribution plant	5,487,667	809,407	236,932	1,075,925	0	0	172,084
Other property and equipment	2,641,405	128,864	692	301,984	219	44,441	260,709
Construction in progress	692,583	555		46,882	7	28,018	238,352
Accumulated depreciation	9,121,810	548,364	99,816	1,878,776	6,099	202,612	2,148,038
Net total electric utility	17,211,618	818,129	297,208	2,410,911	20,127	1,019,938	4,388,102
Heavy water plants (depreciated)	23,994	0	0	0	0	0	23,994
Other fixed assets (depreciated)	-267,641	0	0	0	0	325	1,575
<b>Total current assets</b>	<b>3,487,927</b>	<b>93,672</b>	<b>43,384</b>	<b>369,463</b>	<b>7,753</b>	<b>75,792</b>	<b>1,358,666</b>
Cash (Canadian)	240,724	3,048	510	205	31	7,231	70,468
Cash (foreign)	3,068	0	0	0	516	1,069	462
Temporary investments	55,860	2,283	0	2,900	6,200	6,560	35,825
Accounts receivable (net)	1,446,505	73,037	18,888	171,337	513	24,196	447,299
Inventories	305,661	5,248	4,839	98,941	2	5,630	153,218
Advances	1,081,946	0	0	6,300	0	25,669	508,484
Securities	0	0	0	0	0	0	0
Other assets	354,163	10,056	19,147	89,780	491	5,437	142,910
<b>Total investments</b>	<b>1,932,733</b>	<b>0</b>	<b>0</b>	<b>1,878</b>	<b>0</b>	<b>150,424</b>	<b>606,769</b>
Associated companies	1,809,251	0	0	0	0	149,405	539,510
Reserve fund	2,897	0	0	1,878	0	1,019	0
Other investments	120,585	0	0	0	0	0	67,259
Unamortized bond discount	4,524	3,111	0	0	0	0	0
Other deferred charges	781,392	90,485	143	274,679	3,370	11,558	328,545
Other assets	1,671,791	61,808	20,520	94,602	355	113,376	611,318
<b>Total liabilities</b>	<b>24,846,338</b>	<b>1,067,205</b>	<b>361,255</b>	<b>3,151,533</b>	<b>31,605</b>	<b>1,371,413</b>	<b>7,318,969</b>
Long-term debt	9,723,971	485,675	92,000	1,402,619	4,675	860,273	2,496,337
Current liabilities							
Accounts payable and accrued liabilities	1,446,502	62,214	16,237	139,013	44	35,528	516,367
Loans and notes payable	978,911	5,958	66,955	141,001	2,756	28,096	187,938
Accrued interest on long-term debt	73,688	7,372	2,415	25,244	100	6,905	7,607
Other liabilities	263,283	10,079	8,826	53,859	261	1,033	80,888
Deferred credits and other liabilities	1,535,084	98,611	68,381	195,801	6,436	1,609	284,991
<b>Total capital surplus and reserve</b>	<b>10,824,899</b>	<b>397,296</b>	<b>106,441</b>	<b>1,193,996</b>	<b>17,333</b>	<b>437,969</b>	<b>3,744,841</b>
Share capital	6,417,901	82,186	31,101	1,119,638	0	399,264	1,133,982
Surplus	4,406,998	315,110	75,340	74,358	17,333	38,705	2,610,859
Capital	1,708,319	0	0	-61,428	11,265	-13,782	1,592,752
Earned	2,635,853	290,893	75,340	135,786	6,068	52,487	979,798
Contributed	62,826	24,217	0	0	0	0	38,309
Reserves	0	0	0	0	0	0	0

Table 7-3 – continued

## Assets and liabilities at end of year — Private electric utilities, 2007

	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
	thousands of dollars						
<b>Total assets</b>	<b>0</b>	<b>0</b>	<b>10,311,141</b>	<b>1,136,320</b>	<b>49,308</b>	<b>47,589</b>	<b>0</b>
<b>Total net fixed assets</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Electric utility (at cost)	0	0	0	0	0	0	0
Generating plant	0	0	3,569,122	421,569	16,283	6,516	0
Transmission plant	0	0	2,607,013	394,023		4,198	0
Distribution plant	0	0	2,748,645	293,977	100,168	50,529	0
Other property and equipment	0	0	1,769,054	129,981		5,461	0
Construction in progress	0	0	325,933	51,215	1,035	586	0
Accumulated depreciation	0	0	3,814,868	318,622	76,264	28,351	0
Net total electric utility	0	0	7,204,899	972,143	41,222	38,939	0
Heavy water plants (depreciated)	0	0	0	0	0	0	0
Other fixed assets (depreciated)	0	0	-292,719	22,900	0	278	0
<b>Total current assets</b>	<b>0</b>	<b>0</b>	<b>1,416,925</b>	<b>107,871</b>	<b>7,247</b>	<b>7,154</b>	<b>0</b>
Cash (Canadian)	0	0	158,547	622	0	62	0
Cash (foreign)	0	0	1,021	0	0	0	0
Temporary investments	0	0	2,092	0	0	0	0
Accounts receivable (net)	0	0	597,349	103,041	5,288	5,557	0
Inventories	0	0	32,937	1,537	1,849	1,460	0
Advances	0	0	541,493	0	0	0	0
Securities	0	0	0	0	0	0	0
Other assets	0	0	83,486	2,671	110	75	0
<b>Total investments</b>	<b>0</b>	<b>0</b>	<b>1,171,797</b>	<b>1,865</b>	<b>0</b>	<b>0</b>	<b>0</b>
Associated companies	0	0	1,118,471	1,865	0	0	0
Reserve fund	0	0	0	0	0	0	0
Other investments	0	0	53,326	0	0	0	0
Unamortized bond discount	0	0	1,413	0	0	0	0
Other deferred charges	0	0	60,794	11,818	0	0	0
Other assets	0	0	748,032	19,723	0	1,218	0
<b>Total liabilities</b>	<b>0</b>	<b>0</b>	<b>10,311,141</b>	<b>1,136,320</b>	<b>49,308</b>	<b>47,589</b>	<b>0</b>
Long-term debt	0	0	3,837,427	499,947	23,800	21,218	0
Current liabilities							
Accounts payable and accrued liabilities	0	0	628,323	40,476	3,676	4,624	0
Loans and notes payable	0	0	537,097	688	3,075	5,347	0
Accrued interest on long-term debt	0	0	15,084	8,147	814	0	0
Other liabilities	0	0	100,986	7,127	0	224	0
Deferred credits and other liabilities	0	0	833,841	44,086	707	621	0
<b>Total capital surplus and reserve</b>	<b>0</b>	<b>0</b>	<b>4,358,383</b>	<b>535,849</b>	<b>17,236</b>	<b>15,555</b>	<b>0</b>
Share capital	0	0	3,266,082	372,897	7,019	5,732	0
Surplus	0	0	0	0	0	0	0
Capital	0	0	179,512	0	0	0	0
Earned	0	0	912,489	162,952	10,217	9,823	0
Contributed	0	0	300	0	0	0	0
Reserves	0	0	0	0	0	0	0

**Table 8-1**  
**Income account — Total electric utilities, 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
thousands of dollars							
<b>Operating revenue</b>							
Sale of electricity	52,300,418	1,072,270	145,408	1,114,467	1,638,903	12,483,007	19,172,258
Sale of stream	210,520	0	0	8,670	17,000	127,056	57,794
Subsidies	148,355	0	0	0	0	0	148,097
Other revenue	4,953,963	45,803	-962	11,997	179,818	246,847	2,174,262
<b>Operating expenses</b>							
Operating, maintenance and administration	0						
Salaries and wages	5,964,536	109,371	7,476	118,065	242,497	1,670,435	2,204,614
Supplementary employee benefits	1,771,308	12,882	887	30,370	769	638,794	890,793
Cost of fuel used	4,823,303	159,200	5,836	392,741	250,452	231,525	1,903,590
Cost of material used	1,798,319	1,629	7,577	12,674	41,881	249,833	370,290
Cost of purchased services	4,135,323	7,938	105	54,864	86,820	494,314	1,579,423
Cost of repair and maintenance	396,590	20,979	901	6,075	551	82,935	48,482
Royalty expenses	553,477	5,773	4	137	0	11,156	16,099
Indirect taxes	1,527,985	15,386	1,719	41,254	44,039	820,190	197,646
Other expenses	577,283	45,308	2,102	-10,444	113,598	-619,087	625,563
Electricity purchased	17,197,160	369,178	77,927	55,371	514,734	1,563,662	8,735,201
Depreciation	6,139,531	91,162	11,715	139,074	218,826	2,031,209	1,974,052
<b>Income</b>							
Operating income	12,728,439	279,267	28,197	294,953	321,554	5,681,944	3,006,658
Other income	581,097	27,283	0	3,952	323	64,758	96,636
<b>Income deductions</b>							
Interest on long-term debt	5,695,092	139,334	8,902	115,419	176,181	2,743,819	797,503
Income tax	638,714	13,079	6,746	74,965	49,764	951	403,043
Other deductions	-14,832	406	3,025	16,023	320	-162,274	73,141
<b>Net income</b>	<b>6,990,562</b>	<b>153,731</b>	<b>9,497</b>	<b>92,498</b>	<b>95,612</b>	<b>3,164,206</b>	<b>1,829,607</b>
	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
thousands of dollars							
<b>Operating revenue</b>							
Sale of electricity	1,699,552	1,553,709	7,963,365	5,217,521	69,239	103,597	67,122
Sale of stream	0	0	0	0	0	0	0
Subsidies	0	0	0	0	258	0	0
Other revenue	21,783	46,617	1,981,926	217,857	309	16,573	11,133
<b>Operating expenses</b>							
Operating, maintenance and administration							
Salaries and wages	305,359	171,202	430,077	660,201	8,609	20,495	16,135
Supplementary employee benefits	43,268	55,526	115,002	-19,016	1,596	437	0
Cost of fuel used	18,506	259,379	654,932	896,016	2,659	21,886	26,581
Cost of material used	16,039	37,517	820,705	223,870	3,179	13,125	0
Cost of purchased services	9,888	108,666	667,096	1,109,718	4,200	0	12,291
Cost of repair and maintenance	13,643	380	142,312	78,983	1,349	0	0
Royalty expenses	123,767	34,600	39,040	322,896	5	0	0
Indirect taxes	57,326	50,185	131,963	166,814	491	972	0
Other expenses	25,714	54,996	1,164,484	-846,951	1,022	3,394	17,586
Electricity purchased	115,224	272,169	3,833,264	1,610,464	23,705	26,261	0
Depreciation	325,929	225,853	668,773	429,113	8,911	14,914	0
<b>Income</b>							
Operating income	666,672	329,853	1,277,643	803,270	14,080	18,686	5,662
Other income	0	0	231,310	150,634	534	507	5,160
<b>Income deductions</b>							
Interest on long-term debt	406,235	167,029	627,576	502,345	6,612	0	4,137
Income tax	0	0	83,536	5,229	902	499	0
Other deductions	0	0	45,015	-1,325	100	10,710	0
<b>Net income</b>	<b>260,437</b>	<b>162,824</b>	<b>752,826</b>	<b>447,655</b>	<b>7,000</b>	<b>7,984</b>	<b>6,685</b>

**Table 8-2**  
**Income account — Public electric utilities, 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
thousands of dollars							
<b>Operating revenue</b>							
Sale of electricity	43,861,185	576,782	15,299	0	1,633,641	12,277,145	16,660,504
Sale of stream	120,000	0	0	0	17,000	103,000	0
Subsidies	148,355	0	0	0	0	0	148,097
Other revenue	4,116,760	35,281	338	0	179,709	244,493	1,695,449
<b>Operating expenses</b>							
Operating, maintenance and administration							
Salaries and wages	5,049,814	81,076	910	0	242,241	1,660,021	1,698,063
Supplementary employee benefits	1,544,567	7,860	167	0	750	636,804	742,700
Cost of fuel used	3,463,993	159,200	101	0	250,040	214,117	1,290,882
Cost of material used	1,241,201	0	573	0	41,881	240,363	319,205
Cost of purchased services	3,307,406	0	105	0	86,284	492,427	1,372,242
Cost of repair and maintenance	263,436	20,954	0	0	255	60,123	29,539
Royalty expenses	510,239	5,486	4	0	0	4,000	3,102
Indirect taxes	1,385,220	2,248	101	0	43,949	816,083	190,414
Other expenses	30,029	45,060	1,909	0	113,598	-630,623	346,938
Electricity purchased	15,344,746	42,400	11,926	0	514,734	1,542,834	8,676,518
Depreciation	5,276,968	55,426	508	0	218,115	1,992,968	1,675,543
<b>Income</b>							
Operating income	10,828,681	192,353	-667	0	318,503	5,595,521	2,158,904
Other income	231,947	25,100	0	0	0	28,879	16,211
<b>Income deductions</b>							
Interest on long-term debt	4,831,919	99,985	226	0	175,343	2,701,555	594,817
Income tax	506,296	0	0	0	49,000	157	308,549
Other deductions	-89,364	0	82	0	0	-182,673	47,536
<b>Net income</b>	<b>5,811,777</b>	<b>117,468</b>	<b>-975</b>	<b>0</b>	<b>94,160</b>	<b>3,105,361</b>	<b>1,224,213</b>
	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
thousands of dollars							
<b>Operating revenue</b>							
Sale of electricity	1,699,552	1,553,709	4,308,780	4,976,717	27,819	64,115	67,122
Sale of stream	0	0	0	0	0	0	0
Subsidies	0	0	0	0	258	0	0
Other revenue	21,783	46,617	1,666,355	198,720	309	16,573	11,133
<b>Operating expenses</b>							
Operating, maintenance and administration							
Salaries and wages	305,359	171,202	227,159	624,629	5,260	17,759	16,135
Supplementary employee benefits	43,268	55,526	75,320	-19,016	1,188	0	0
Cost of fuel used	18,506	259,379	331,860	892,500	468	20,359	26,581
Cost of material used	16,039	37,517	351,154	222,910	764	10,795	0
Cost of purchased services	9,888	108,666	119,138	1,103,043	3,322	0	12,291
Cost of repair and maintenance	13,643	380	60,185	77,702	655	0	0
Royalty expenses	123,767	34,600	16,379	322,896	5	0	0
Indirect taxes	57,326	50,185	70,375	154,283	256	0	0
Other expenses	25,714	54,996	910,470	-858,636	1,022	1,995	17,586
Electricity purchased	115,224	272,169	2,625,048	1,543,835	58	0	0
Depreciation	325,929	225,853	373,563	390,370	5,832	12,861	0
<b>Income</b>							
Operating income	666,672	329,853	814,484	720,921	9,556	16,919	5,662
Other income	0	0	5,332	150,632	397	236	5,160
<b>Income deductions</b>							
Interest on long-term debt	406,235	167,029	204,547	473,099	4,946	0	4,137
Income tax	0	0	148,590	0	0	0	0
Other deductions	0	0	37,159	-2,278	100	10,710	0
<b>Net income</b>	<b>260,437</b>	<b>162,824</b>	<b>429,520</b>	<b>400,732</b>	<b>4,907</b>	<b>6,445</b>	<b>6,685</b>

**Table 8-3**  
**Income account — Private electric utilities, 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
thousands of dollars							
<b>Operating revenue</b>							
Sale of electricity	8,439,233	495,488	130,109	1,114,467	5,262	205,862	2,511,754
Sale of stream	90,520	0	0	8,670	0	24,056	57,794
Subsidies	0	0	0	0	0	0	0
Other revenue	837,203	10,522	-1,300	11,997	109	2,354	478,813
<b>Operating expenses</b>							
Operating, maintenance and administration							
Salaries and wages	914,722	28,295	6,566	118,065	256	10,414	506,551
Supplementary employee benefits	226,741	5,022	720	30,370	19	1,990	148,093
Cost of fuel used	1,359,310	0	5,735	392,741	412	17,408	612,708
Cost of material used	557,118	1,629	7,004	12,674	0	9,470	51,085
Cost of purchased services	827,917	7,938	0	54,864	536	1,887	207,181
Cost of repair and maintenance	133,154	25	901	6,075	296	22,812	18,943
Royalty expenses	43,238	287	0	137	0	7,156	12,997
Indirect taxes	142,765	13,138	1,618	41,254	90	4,107	7,232
Other expenses	547,256	248	193	-10,444	0	11,536	278,625
Electricity purchased	1,852,414	326,778	66,001	55,371	0	20,828	58,683
Depreciation	862,563	35,736	11,207	139,074	711	38,241	298,509
<b>Income</b>							
Operating income	1,899,758	86,914	28,864	294,953	3,051	86,423	847,754
Other income	349,150	2,183	0	3,952	323	35,879	80,425
<b>Income deductions</b>							
Interest on long-term debt	863,173	39,349	8,676	115,419	838	42,264	202,686
Income tax	132,418	13,079	6,746	74,965	764	794	94,494
Other deductions	74,532	406	2,970	16,023	320	20,399	25,605
<b>Net income</b>	<b>1,178,785</b>	<b>36,263</b>	<b>10,472</b>	<b>92,498</b>	<b>1,452</b>	<b>58,845</b>	<b>605,394</b>
	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
thousands of dollars							
<b>Operating revenue</b>							
Sale of electricity	0	0	3,654,585	240,804	41,420	39,482	0
Sale of stream	0	0	0	0	0	0	0
Subsidies	0	0	0	0	0	0	0
Other revenue	0	0	315,571	19,137	0	0	0
<b>Operating expenses</b>							
Operating, maintenance and administration							
Salaries and wages	0	0	202,918	35,572	3,349	2,736	0
Supplementary employee benefits	0	0	39,682	0	408	437	0
Cost of fuel used	0	0	323,072	3,516	2,191	1,527	0
Cost of material used	0	0	469,551	960	2,415	2,330	0
Cost of purchased services	0	0	547,958	6,675	878	0	0
Cost of repair and maintenance	0	0	82,127	1,281	694	0	0
Royalty expenses	0	0	22,661	0	0	0	0
Indirect taxes	0	0	61,588	12,531	235	972	0
Other expenses	0	0	254,014	11,685	0	1,399	0
Electricity purchased	0	0	1,208,216	66,629	23,647	26,261	0
Depreciation	0	0	295,210	38,743	3,079	2,053	0
<b>Income</b>							
Operating income	0	0	463,159	82,349	4,524	1,767	0
Other income	0	0	225,978	2	137	271	0
<b>Income deductions</b>							
Interest on long-term debt	0	0	423,029	29,246	1,666	0	0
Income tax	0	0	-65,054	5,229	902	499	0
Other deductions	0	0	7,856	953	0	0	0
<b>Net income</b>	<b>0</b>	<b>0</b>	<b>323,306</b>	<b>46,923</b>	<b>2,093</b>	<b>1,539</b>	<b>0</b>



**Table 9**  
**Taxes paid by electric utilities, 2007**

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Québec	Ontario
thousands of dollars							
<b>Total utilities</b>							
Municipal	353,101	13,956	21	62	44	38,444	66,912
Provincial	670,852	1,430	1,698	41,192	43,949	278,746	129,748
Federal	515,441	0	0	0	46	503,000	12,395
<b>Total taxes</b>	<b>1,539,394</b>	<b>15,386</b>	<b>1,719</b>	<b>41,254</b>	<b>44,039</b>	<b>820,190</b>	<b>209,055</b>
<b>Percentage of total for Canada</b>	<b>100.00</b>	<b>1.00</b>	<b>0.11</b>	<b>2.68</b>	<b>2.86</b>	<b>53.28</b>	<b>13.58</b>
<b>Public utilities</b>							
Municipal	263,874	1,241	21	0	0	35,083	61,993
Provincial	617,362	1,007	80	0	43,949	278,000	127,437
Federal	515,393	0	0	0	0	503,000	12,393
<b>Total taxes</b>	<b>1,396,629</b>	<b>2,248</b>	<b>101</b>	<b>0</b>	<b>43,949</b>	<b>816,083</b>	<b>201,823</b>
<b>Percentage of total for Canada</b>	<b>100.00</b>	<b>0.16</b>	<b>0.01</b>	<b>0.00</b>	<b>3.14</b>	<b>58.43</b>	<b>14.45</b>
<b>Private utilities</b>							
Municipal	89,227	12,715	0	62	44	3,361	4,919
Provincial	53,490	423	1,618	41,192	0	746	2,311
Federal	48	0	0	0	46	0	2
<b>Total taxes</b>	<b>142,765</b>	<b>13,138</b>	<b>1,618</b>	<b>41,254</b>	<b>90</b>	<b>4,107</b>	<b>7,232</b>
<b>Percentage of total for Canada</b>	<b>100.00</b>	<b>9.20</b>	<b>1.13</b>	<b>28.90</b>	<b>0.06</b>	<b>2.88</b>	<b>5.07</b>
	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon	Northwest Territories	Nunavut
thousands of dollars							
<b>Total utilities</b>							
Municipal	9,745	32,977	123,673	65,804	491	972	0
Provincial	47,581	17,208	8,290	101,010	0	0	0
Federal	0	0	0	0	0	0	0
<b>Total taxes</b>	<b>57,326</b>	<b>50,185</b>	<b>131,963</b>	<b>166,814</b>	<b>491</b>	<b>972</b>	<b>0</b>
<b>Percentage of total for Canada</b>	<b>3.72</b>	<b>3.26</b>	<b>8.57</b>	<b>10.83</b>	<b>0.03</b>	<b>0.06</b>	<b>0.00</b>
<b>Public utilities</b>							
Municipal	9,745	32,977	69,285	53,273	256	0	0
Provincial	47,581	17,208	1,090	101,010	0	0	0
Federal	0	0	0	0	0	0	0
<b>Total taxes</b>	<b>57,326</b>	<b>50,185</b>	<b>70,375</b>	<b>154,283</b>	<b>256</b>	<b>0</b>	<b>0</b>
<b>Percentage of total for Canada</b>	<b>4.10</b>	<b>3.59</b>	<b>5.04</b>	<b>11.05</b>	<b>0.02</b>	<b>0.00</b>	<b>0.00</b>
<b>Private utilities</b>							
Municipal	0	0	54,388	12,531	235	972	0
Provincial	0	0	7,200	0	0	0	0
Federal	0	0	0	0	0	0	0
<b>Total taxes</b>	<b>0</b>	<b>0</b>	<b>61,588</b>	<b>12,531</b>	<b>235</b>	<b>972</b>	<b>0</b>
<b>Percentage of total for Canada</b>	<b>0.00</b>	<b>0.00</b>	<b>43.14</b>	<b>8.78</b>	<b>0.16</b>	<b>0.68</b>	<b>0.00</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>569,629,792</b>	<b>580,518,585</b>	<b>573,523,268</b>	<b>589,947,480</b>
Production	580,438,621	604,369,965	592,635,277	615,256,009
Exports	33,666,007	43,528,075	42,735,776	44,690,590
Imports	22,857,178	19,676,695	23,623,767	19,380,104
Inter-regional transfers	...	...	...	...
<b>Total industrial disposal</b>	<b>232,095,365</b>	<b>238,805,408</b>	<b>233,676,506</b>	<b>230,725,183</b>
Mining	36,716,349	37,512,051	37,350,456	33,853,193
<b>Total manufacturing</b>	<b>195,379,016</b>	<b>201,293,357</b>	<b>196,326,050</b>	<b>196,871,990</b>
Pulp and paper	62,856,289	61,723,065	57,487,409	55,152,039
Iron and steel	10,173,436	10,728,240	9,605,127	10,038,120
Smelting and refining, non-ferrous	55,384,439	59,710,911	60,855,354	59,991,814
Cement	1,995,886	2,031,477	2,039,216	2,059,613
Petroleum refining	6,272,121	6,556,614	7,120,082	8,804,572
Chemicals	19,311,996	19,502,897	20,053,135	19,354,944
Other manufacturing	39,384,849	41,040,153	39,165,727	41,470,888
Pipelines	3,312,293	3,274,260	3,559,489	3,355,454
Urban transit	959,441	981,530	970,871	694,957
Street lighting	2,165,057	2,292,602	2,258,232	2,452,193
Agriculture	10,160,368	10,248,293	9,847,546	9,104,030
Residential	150,980,352	150,986,378	147,320,017	158,576,391
Public administration	11,770,556	11,683,121	10,856,751	11,547,180
Commercial and other institutional	120,342,010	121,004,730	118,904,906	131,800,273
Unallocated energy	37,844,350	41,242,263	46,128,950	41,689,862
<b>Total disposal</b>	<b>569,629,792</b>	<b>580,518,585</b>	<b>573,523,268</b>	<b>589,945,523</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>41,829,238</b>	<b>41,620,432</b>	<b>38,723,099</b>	<b>41,980,285</b>
Production	74,961,973	75,722,745	72,470,297	71,840,934
Exports	2,420,912	3,066,162	2,369,388	1,810,893
Imports	84,530	125,801	535,421	704,672
Inter-regional transfers	-30,796,353	-31,161,952	-31,913,231	-28,754,428
<b>Total industrial disposal</b>	<b>16,579,717</b>	<b>16,538,703</b>	<b>14,760,552</b>	<b>15,452,181</b>
Mining	2,730,013	3,141,566	3,070,088	2,961,149
<b>Total manufacturing</b>	<b>13,849,704</b>	<b>13,397,137</b>	<b>11,690,464</b>	<b>12,491,032</b>
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	909,795	898,603	857,586	1,611,356
Chemicals	x	x	x	x
Other manufacturing	2,344,565	2,707,611	2,189,176	2,153,488
Pipelines	0	0	0	0
Urban transit	6,143	5,741	6,327	7,082
Street lighting	212,815	210,665	195,904	205,649
Agriculture	428,566	431,778	453,225	476,762
Residential	13,176,103	13,187,102	12,887,446	13,657,302
Public administration	820,702	790,869	779,490	816,603
Commercial and other institutional	7,889,161	7,599,334	6,948,662	7,459,468
Unallocated energy	2,716,031	2,856,240	2,691,493	3,903,281
<b>Total disposal</b>	<b>41,829,238</b>	<b>41,620,432</b>	<b>38,723,099</b>	<b>41,978,328</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>11,752,727</b>	<b>11,947,318</b>	<b>11,436,144</b>	<b>11,505,400</b>
Production	41,554,748	42,136,351	42,768,071	41,583,313
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	-29,802,021	-30,189,033	-31,331,927	-30,077,913
<b>Total industrial disposal</b>	<b>5,300,305</b>	<b>5,544,214</b>	<b>5,070,079</b>	<b>4,811,444</b>
Mining	2,156,590	2,544,235	2,509,729	2,360,117
<b>Total manufacturing</b>	<b>3,143,715</b>	<b>2,999,979</b>	<b>2,560,350</b>	<b>2,451,327</b>
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	212,884	208,647	212,908	226,733
Pipelines	0	0	0	0
Urban transit	0	0	0	0
Street lighting	40,530	41,845	38,361	40,808
Agriculture	26,078	27,325	26,992	28,744
Residential	3,385,399	3,380,932	3,331,273	3,543,090
Public administration	231,522	234,668	224,357	237,932
Commercial and other institutional	1,854,366	1,867,497	1,833,732	1,949,944
Unallocated energy	914,527	850,837	911,350	893,438
<b>Total disposal</b>	<b>11,752,727</b>	<b>11,947,318</b>	<b>11,436,144</b>	<b>11,505,400</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>1,188,854</b>	<b>1,198,106</b>	<b>1,306,598</b>	<b>1,205,667</b>
Production	47,528	46,417	43,777	44,732
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	1,141,326	1,151,689	1,262,821	1,160,935
<b>Total industrial disposal</b>	<b>199,477</b>	<b>201,704</b>	<b>202,738</b>	<b>139,965</b>
Mining	138	139	135	93
<b>Total manufacturing</b>	<b>199,339</b>	<b>201,565</b>	<b>202,603</b>	<b>139,872</b>
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	4,546	6,566	3,815	6,018
Agriculture	240,993	244,404	270,342	284,925
Residential	159,311	160,489	163,069	168,496
Public administration	49,604	46,993	45,625	39,888
Commercial and other institutional	409,736	438,271	526,626	494,805
Unallocated energy	125,187	99,679	94,383	71,570
<b>Total disposal</b>	<b>1,188,854</b>	<b>1,198,106</b>	<b>1,306,598</b>	<b>1,205,667</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>12,406,901</b>	<b>12,594,971</b>	<b>11,237,452</b>	<b>12,859,619</b>
Production	12,587,399	12,476,923	11,453,829	12,574,042
Exports	115,405	104,425	228,598	30,634
Imports	40,146	69,297	24,588	62,917
Inter-regional transfers	-105,239	153,176	-12,367	253,294
<b>Total industrial disposal</b>	<b>4,044,747</b>	<b>4,391,977</b>	<b>3,159,478</b>	<b>3,500,496</b>
Mining	47,470	56,969	40,242	45,037
<b>Total manufacturing</b>	<b>3,997,277</b>	<b>4,335,008</b>	<b>3,119,236</b>	<b>3,455,459</b>
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	953,061	1,183,074	817,260	905,205
Pipelines	0	0	0	0
Urban transit	6,143	5,741	6,327	7,082
Street lighting	74,397	69,262	63,181	71,153
Agriculture	60,988	61,206	58,903	65,921
Residential	4,113,771	4,127,728	4,011,348	4,518,229
Public administration	287,224	269,142	276,194	308,460
Commercial and other institutional	3,061,339	2,869,514	2,824,762	3,224,343
Unallocated energy	758,292	800,401	837,259	1,161,978
<b>Total disposal</b>	<b>12,406,901</b>	<b>12,594,971</b>	<b>11,237,452</b>	<b>12,857,662</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>16,480,756</b>	<b>15,880,037</b>	<b>14,742,905</b>	<b>16,409,599</b>
Production	20,772,298	21,063,054	18,204,620	17,638,847
Exports	2,305,507	2,961,737	2,140,790	1,780,259
Imports	44,384	56,504	510,833	641,755
Inter-regional transfers	-2,030,419	-2,277,784	-1,831,758	-90,744
<b>Total industrial disposal</b>	<b>7,035,188</b>	<b>6,400,808</b>	<b>6,328,257</b>	<b>7,000,276</b>
Mining	525,815	540,223	519,982	555,902
<b>Total manufacturing</b>	<b>6,509,373</b>	<b>5,860,585</b>	<b>5,808,275</b>	<b>6,444,374</b>
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	984,250	1,117,049	959,050	883,476
Pipelines	0	0	0	0
Urban transit	0	0	0	0
Street lighting	93,342	92,992	90,547	87,670
Agriculture	100,507	98,843	96,988	97,172
Residential	5,517,622	5,517,953	5,381,756	5,427,487
Public administration	252,352	240,066	233,314	230,323
Commercial and other institutional	2,563,720	2,424,052	1,763,542	1,790,376
Unallocated energy	918,025	1,105,323	848,501	1,776,295
<b>Total disposal</b>	<b>16,480,756</b>	<b>15,880,037</b>	<b>14,742,905</b>	<b>16,409,599</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>203,370,400</b>	<b>206,909,173</b>	<b>205,256,521</b>	<b>207,800,584</b>
Production	174,950,783	180,296,084	180,247,851	189,748,516
Exports	9,478,025	10,565,127	11,712,012	15,711,988
Imports	3,459,812	3,271,915	2,534,149	3,355,838
Inter-regional transfers	34,437,830	33,906,301	34,186,533	30,408,218
<b>Total industrial disposal</b>	<b>95,530,286</b>	<b>98,762,310</b>	<b>98,508,608</b>	<b>98,263,203</b>
Mining	2,625,322	2,490,153	2,503,368	2,685,703
<b>Total manufacturing</b>	<b>92,904,964</b>	<b>96,272,157</b>	<b>96,005,240</b>	<b>95,577,500</b>
Pulp and paper	23,428,895	23,273,913	22,245,488	20,980,196
Iron and steel	2,971,851	2,774,741	2,754,070	2,835,760
Smelting and refining, non-ferrous	44,691,593	48,976,988	50,523,803	51,528,366
Cement	480,660	481,533	504,878	502,903
Petroleum refining	1,235,916	1,321,602	1,411,055	1,514,844
Chemicals	5,628,708	5,367,324	5,371,640	5,448,143
Other manufacturing	14,467,341	14,076,056	13,194,306	12,767,288
Pipelines	2	1	1	1
Urban transit	290,758	291,477	300,284	319,071
Street lighting	600,443	590,198	605,102	611,045
Agriculture	2,046,850	1,941,676	1,903,328	1,989,231
Residential	58,164,196	57,308,701	57,023,118	60,380,942
Public administration	7,269,104	7,246,272	6,684,576	7,009,548
Commercial and other institutional	27,788,924	28,370,019	27,648,979	29,708,881
Unallocated energy	11,679,837	12,398,519	12,582,525	9,518,662
<b>Total disposal</b>	<b>203,370,400</b>	<b>206,909,173</b>	<b>205,256,521</b>	<b>207,800,584</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>155,317,958</b>	<b>159,161,311</b>	<b>153,153,424</b>	<b>153,425,046</b>
Production	156,395,350	158,750,451	158,023,212	158,234,410
Exports	8,523,683	8,720,417	10,566,345	11,089,756
Imports	7,983,804	8,902,878	6,103,501	7,070,359
Inter-regional transfers	-537,513	228,399	-406,944	-789,967
<b>Total industrial disposal</b>	<b>41,387,212</b>	<b>42,847,994</b>	<b>39,625,703</b>	<b>33,892,569</b>
Mining	3,569,483	3,611,715	3,421,675	5,005,428
<b>Total manufacturing</b>	<b>37,817,729</b>	<b>39,236,279</b>	<b>36,204,028</b>	<b>28,887,141</b>
Pulp and paper	8,876,149	8,407,476	7,233,167	5,895,045
Iron and steel	5,956,092	6,623,391	5,510,035	5,826,920
Smelting and refining, non-ferrous	2,071,381	2,115,949	2,026,907	577,239
Cement	793,780	800,529	821,122	783,124
Petroleum refining	1,920,293	2,023,220	2,006,481	2,684,554
Chemicals	4,351,558	4,107,262	3,867,268	3,266,004
Other manufacturing	13,848,476	15,158,452	14,739,048	9,854,255
Pipelines	398,921	451,690	507,193	425,288
Urban transit	376,278	391,944	444,708	102,740
Street lighting	737,388	846,464	855,873	884,419
Agriculture	2,258,662	2,257,533	2,218,863	2,235,971
Residential	45,265,591	45,630,039	42,663,301	42,395,468
Public administration	1,898,337	1,923,219	1,990,354	2,158,646
Commercial and other institutional	50,508,286	50,783,480	48,985,503	54,576,033
Unallocated energy	12,487,283	14,028,948	15,861,926	16,753,912
<b>Total disposal</b>	<b>155,317,958</b>	<b>159,161,311</b>	<b>153,153,424</b>	<b>153,425,046</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>20,308,560</b>	<b>21,918,145</b>	<b>21,067,512</b>	<b>22,235,362</b>
Production	27,703,162	37,049,409	34,479,065	34,402,502
Exports	6,781,269	12,140,597	12,344,448	11,092,806
Imports	2,569,716	244,347	828,572	534,285
Inter-regional transfers	-3,183,049	-3,235,014	-1,895,677	-1,608,619
<b>Total industrial disposal</b>	<b>6,075,546</b>	<b>6,362,731</b>	<b>6,055,843</b>	<b>5,743,800</b>
Mining	278,386	256,386	216,336	151,189
<b>Total manufacturing</b>	<b>5,797,160</b>	<b>6,106,345</b>	<b>5,839,507</b>	<b>5,592,611</b>
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	1,493,944	1,319,486	1,375,979	1,310,932
Pipelines	801,314	830,642	747,244	899,903
Urban transit	438	0	0	0
Street lighting	80,997	81,084	72,649	89,755
Agriculture	1,634,985	1,687,669	1,503,077	701,714
Residential	6,034,742	6,235,980	5,654,430	7,423,599
Public administration	436,225	464,338	321,730	285,110
Commercial and other institutional	3,871,027	4,375,663	4,347,571	4,765,115
Unallocated energy	1,373,286	1,880,038	2,364,968	2,326,366
<b>Total disposal</b>	<b>20,308,560</b>	<b>21,918,145</b>	<b>21,067,512</b>	<b>22,235,362</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>19,551,551</b>	<b>19,512,363</b>	<b>19,636,329</b>	<b>20,577,863</b>
Production	19,436,700	20,020,456	19,665,130	20,574,449
Exports	685,546	691,397	594,674	391,579
Imports	1,082,597	426,913	1,147,079	203,343
Inter-regional transfers	-282,200	-243,609	-581,206	191,650
<b>Total industrial disposal</b>	<b>8,333,296</b>	<b>9,146,176</b>	<b>8,504,605</b>	<b>8,402,533</b>
Mining	4,424,727	4,700,524	4,592,561	5,090,273
<b>Total manufacturing</b>	<b>3,908,569</b>	<b>4,445,652</b>	<b>3,912,044</b>	<b>3,312,260</b>
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	1,451,791	1,313,573	1,537,784	1,517,355
Urban transit	2,468	1,020	847	868
Street lighting	66,721	67,659	68,230	69,099
Agriculture	1,349,814	1,337,004	1,271,623	1,328,973
Residential	2,863,647	2,897,705	2,917,262	3,038,847
Public administration	272,291	207,108	209,424	198,508
Commercial and other institutional	3,459,172	3,080,797	4,005,344	4,036,819
Unallocated energy	1,752,351	1,461,321	1,121,210	1,984,861
<b>Total disposal</b>	<b>19,551,551</b>	<b>19,512,363</b>	<b>19,636,329</b>	<b>20,577,863</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>64,683,989</b>	<b>64,544,208</b>	<b>66,377,930</b>	<b>68,073,392</b>
Production	63,892,908	63,636,275	64,995,043	67,432,359
Exports	130,888	85,686	67,414	154,748
Imports	366,611	451,727	209,326	222,902
Inter-regional transfers	555,358	541,892	1,240,975	572,879
<b>Total industrial disposal</b>	<b>33,783,189</b>	<b>33,963,116</b>	<b>34,130,984</b>	<b>34,003,918</b>
Mining	20,173,718	20,385,350	21,024,067	15,064,057
<b>Total manufacturing</b>	<b>13,609,471</b>	<b>13,577,766</b>	<b>13,106,917</b>	<b>18,939,861</b>
Pulp and paper	3,636,141	3,280,008	2,418,390	2,130,135
Iron and steel	x	x	x	x
Smelting and refining, non-ferrous	x	x	x	x
Cement	x	x	x	x
Petroleum refining	1,416,455	1,507,198	1,708,211	1,748,490
Chemicals	5,237,141	5,234,415	5,128,827	4,754,756
Other manufacturing	2,729,120	2,951,850	3,186,010	9,661,696
Pipelines	604,573	621,300	713,762	447,434
Urban transit	145,153	150,587	100,993	122,471
Street lighting	265,676	280,529	280,262	369,861
Agriculture	2,038,101	2,183,842	2,128,354	1,865,364
Residential	7,650,109	7,819,372	8,153,535	9,094,345
Public administration	409,920	403,686	216,726	294,238
Commercial and other institutional	13,784,961	13,520,425	13,463,490	14,805,361
Unallocated energy	6,002,307	5,601,351	7,189,824	7,172,306
<b>Total disposal</b>	<b>64,683,989</b>	<b>64,544,208</b>	<b>66,377,930</b>	<b>68,073,392</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>63,449,455</b>	<b>65,732,078</b>	<b>68,151,355</b>	<b>74,665,121</b>
Production	61,979,104	67,773,670	61,597,581	71,833,012
Exports	5,645,684	8,258,689	5,081,495	4,438,820
Imports	7,310,108	6,253,114	12,265,719	7,288,705
Inter-regional transfers	-194,073	-36,017	-630,450	-17,776
<b>Total industrial disposal</b>	<b>30,083,885</b>	<b>30,858,622</b>	<b>31,735,228</b>	<b>34,696,906</b>
Mining	2,592,466	2,600,601	2,167,378	2,625,321
<b>Total manufacturing</b>	<b>27,491,419</b>	<b>28,258,021</b>	<b>29,567,850</b>	<b>32,071,585</b>
Pulp and paper	14,596,255	15,204,126	15,672,366	16,265,667
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	1,689,086	1,720,353	2,460,893	2,983,840
Other manufacturing	3,973,883	4,054,770	4,172,824	5,420,118
Pipelines	55,692	57,054	53,505	65,473
Urban transit	138,203	140,761	117,712	142,725
Street lighting	190,284	204,632	168,764	210,869
Agriculture	403,390	408,791	369,076	482,449
Residential	17,532,048	17,614,668	17,717,361	22,135,896
Public administration	663,977	647,629	653,938	784,039
Commercial and other institutional	12,625,794	12,865,683	13,091,173	16,175,216
Unallocated energy	1,756,182	2,934,238	4,244,598	-28,452
<b>Total disposal</b>	<b>63,449,455</b>	<b>65,732,078</b>	<b>68,151,355</b>	<b>74,665,121</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>330,162</b>	<b>343,749</b>	<b>359,031</b>	<b>354,694</b>
Production	330,162	343,749	359,031	354,694
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	0	0	0	0
<b>Total industrial disposal</b>	<b>18,387</b>	<b>18,232</b>	<b>18,112</b>	<b>9,031</b>
Mining	18,387	18,232	18,112	9,031
<b>Total manufacturing</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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	3,565	4,232	4,171	4,273
Agriculture	0	0	0	23,566
Residential	119,841	120,274	132,055	273,429
Public administration	0	0	513	488
Commercial and other institutional	157,131	156,201	163,211	13,289
Unallocated energy	31,238	44,810	40,969	30,618
<b>Total disposal</b>	<b>330,162</b>	<b>343,749</b>	<b>359,031</b>	<b>354,694</b>

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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>649,034</b>	<b>635,481</b>	<b>653,358</b>	<b>686,252</b>
Production	649,034	635,481	653,358	686,252
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	0	0	0	0
<b>Total industrial disposal</b>	<b>303,847</b>	<b>307,524</b>	<b>336,871</b>	<b>261,042</b>
Mining	303,847	307,524	336,871	261,042
<b>Total manufacturing</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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	4,133	4,129	4,237	4,099
Agriculture	0	0	0	0
Residential	115,196	113,353	111,225	114,554
Public administration	0	0	0	0
Commercial and other institutional	180,023	180,425	178,020	178,794
Unallocated energy	45,835	30,050	23,005	25,857
<b>Total disposal</b>	<b>649,034</b>	<b>635,481</b>	<b>653,358</b>	<b>686,252</b>



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

	2004	2005	2006	2007
	megawatt hours			
<b>Total supply</b>	<b>139,445</b>	<b>141,645</b>	<b>144,709</b>	<b>148,881</b>
Production	139,445	141,645	144,709	148,881
Exports	0	0	0	0
Imports	0	0	0	0
Inter-regional transfers	0	0	0	0
<b>Total industrial disposal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Mining	0	0	0	0
<b>Total manufacturing</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
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	3,035	3,010	3,040	3,124
Agriculture	0	0	0	0
Residential	58,879	59,184	60,284	62,009
Public administration	0	0	0	0
Commercial and other institutional	77,531	72,703	72,953	81,297
Unallocated energy	0	6,748	8,432	2,451
<b>Total disposal</b>	<b>139,445</b>	<b>141,645</b>	<b>144,709</b>	<b>148,881</b>

## Methodology and data quality

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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

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## 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.