

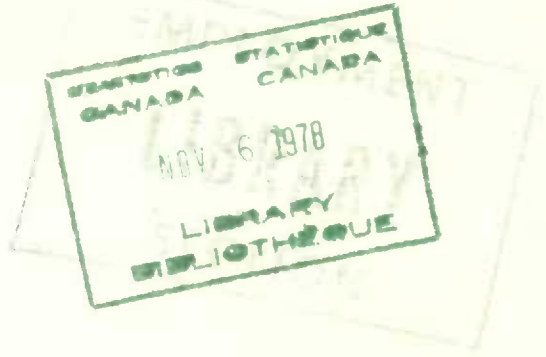
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ELECTRIC POWER STATISTICS

1959

DOMINION BUREAU OF STATISTICS

DOMINION BUREAU OF STATISTICS
Public Finance and Transportation Division
Public Utilities Section

ELECTRIC POWER STATISTICS
1959

Published by Authority of
The Honourable George Hees, Minister of Trade and Commerce

May, 1961
8506-510

Price 75 cents

Reports Published by the
Public Finance and Transportation Division
dealing with
ELECTRIC POWER

Catalogue number	Title	Price
Annual		
57-201	Electric and Gas Meter Registrations. Approx. 200 pp. Meter registrations by province, county or census division, company and place served, by type of service	\$2.00
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SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- * revised.

ELECTRIC POWER STATISTICS

1959

Statistics presented in this report fall into two main categories: statistics based on the combined reports of electric utilities and industrial establishments, and statistics based on data received from utilities only. Utilities are defined as companies, commissions, municipalities or individuals whose primary function is to sell most of the electric energy which they have either generated or purchased. They are referred to as the electric utility industry. Industrial establishments are defined, for the purpose of this report, as companies or individuals which generate electricity mainly for their own use. Statistics based on the combined reports of both utilities and industrial establishments include generating capacity, production and disposal of electric energy, revenue received from the sale of electricity, and customers. Statistics applicable only to the electric utility industry include pole line and circuit mileage, transformers, fuel consumption, employees, wages and salaries and other financial data.

The current series of electric power statistics dates back only to 1956. Earlier reports entitled "Central Electric Stations" were concerned solely with the electric utility industry and hence excluded statistics relating to power produced by industrial establishments for own use. Data relating to power sold by industrial establishments was, however, included.

In the revised series, all firms are classed as either utilities or industrial establishments and separate statistics are compiled for each group. Energy disposed of by industrial establishments is then combined with that disposed of by utilities in order to present statistics roughly comparable with those compiled for the electric utility industry in earlier years. One major difference is that many blocks of energy formerly classed as sales are now treated as produced for own use, since the transfer of energy was found to be between plants within the same organization.

In 1956, because of the difficulty of separating line losses of industrial producers into losses relating to sales and losses relating to energy produced for own use, total industrial losses were presented under "Disposal of Energy" in Table 5. Commencing with 1957, losses associated with energy generated for own use are shown as a separate item under "Energy Made Available", Table 4.

A comprehensive census of generating equipment conducted in December 1958 has resulted in refinements to the installed generating capacity series presented in this report. Where possible, revisions have been made in 1957 figures to make them consistent with those compiled for 1958.

Total installed generating capacity in Canada at the end of 1959 amounted to 21,108,920 kilowatts, 13.1 per cent more than the revised total of

18,669,418 kilowatts in 1958. Utilities accounted for 16,937,290 kilowatts compared with 14,868,574 kilowatts in 1958, while industry had a capacity of 4,171,630 kilowatts and 3,800,844 kilowatts in 1959 and 1958, respectively. Hydraulic installations accounted for 83.1 per cent of the total and thermal plants, 16.9 per cent.

Quebec had the largest generating capacity at 8,228,234 kilowatts or 39 per cent of the national total, followed by Ontario with 32 per cent and British Columbia with 13 per cent. The largest increase in generating capacity was in Quebec where the increase amounted to 1,170,270 kilowatts. Ontario increased its capacity by 828,826 kilowatts, British Columbia by 190,372, Saskatchewan by 143,306, Nova Scotia by 79,250 and Alberta by 30,552 kilowatts.

The largest thermal generating capacities were in Ontario with 31 per cent, Saskatchewan with 16 per cent, Alberta with 15 per cent, British Columbia with 11 per cent and Nova Scotia with 10 per cent.

The major increases in generating capacity in Quebec were: 3 units with a capacity of 445,500 kilowatts at Chute des Passes, the initial installation of 3 units with a total capacity of 363,000 kilowatts (ultimately 5 units) at Bersimis II, 275,000 kilowatts completing the Beauharnois project, and 81,000 kilowatts added to the St. Lawrence River Beaumont Development.

In Ontario the major projects were the addition of 513,000 kilowatts at the Robert H. Saunders generating plant at Cornwall, 45,500 kilowatts at Silver Falls hydro electric development and 41,225 at the Abitibi Canyon hydro electric project.

In British Columbia 124,000 kilowatts were added at the Bridge River hydro electric plant and 25,200 at the Ash River hydro electric development on Vancouver Island. One hundred thousand kilowatts were added at the Port Mann Gas Turbine plant near Greater Vancouver.

In Saskatchewan 66,000 kilowatts were added to the Queen Elizabeth Steam Turbine plant at Saskatoon and 66,000 kilowatts at the Boundary Dam thermal generating Station.

In Nova Scotia 45,000 kilowatts were added at the Halifax Steam Plant.

Net generation (total generation less energy used in station service) increased 7.3 per cent in 1959 to 104,613,564 thousand kilowatt hours from 97,484,289 thousand kilowatt hours one year earlier. Generation by electric utilities increased 9.3 per cent to 83,048,885 thousand kilowatt hours from 75,953,132 thousand but accounted for 79.4 per cent of total production compared with 77.9 per cent in 1958. Generation by industry went up to 21,564,679 thousand kilowatt hours from 21,531,157 thousand a

year earlier. The industry's share of net generation decreased to 20.6 per cent in 1959 from 22.1 per cent in 1958. Generation from hydraulic facilities amounted to 92.5 per cent while thermal was 7.5 per cent. Although Quebec had 39 per cent of the total generating capacity in Canada, it accounted for 43 per cent of the total generation, followed by Ontario with 32 per cent and British Columbia with 12 per cent.

The amount of electric energy made available for use in Canada increased 7.4 per cent or slightly more than the net generation increase. This was caused by an increase in imports to 512,002 thousand kilowatt hours and a rise in exports to 4,580,619 thousand kilowatt hours. As a result, net exports increased 239,166 thousand kilowatt hours.

Of the total reported available for use in Canada in 1959, some 19,660,152,000 kilowatt-hours, including 649,897,000 estimated as losses, represented generation by industrial establishments for own use. This compares with 20,048,733,000^r kilowatt-hours in 1958 and reflects a decrease of 388,581,000 kilowatt-hours or 1.9 per cent.

Total sales of electricity to ultimate customers increased 10.0 per cent in 1959 to 71,888,110,000 kilowatt-hours from the 1958 total of 65,323,721,000. Power customers purchased 44,219,794,000 kilowatt-hours or 61.5 per cent of the total (61.6 per cent in 1958); domestic and farm customers, 19,007,111,000 or 26.4 per cent (26.5 in 1958); and commercial customers, 8,058,275,000 or 11.2 per cent (11.1). Street lighting accounted for the remaining 602,930,000 kilowatt-hours of electricity sold. In addition, some 8,991,491,000 kilowatt-hours of energy available for disposal were reported lost or unaccounted for. This compares with 8,282,384,000 kilowatt-hours in 1958.

A 4.3 per cent rise in ultimate customers brought the total to 5,018,725 from 4,809,634 in 1958. Domestic and farm customers increased 4.6 per cent to 4,381,564 from 4,188,946, while the number of commercial customers showed a moderate rise to 528,579 from 516,018. Power customers rose 3.7 per cent in 1959 to 103,507 from 99,818. The percentage of increase in ultimate customers was highest in The Yukon-Northwest Territories and lowest in New Brunswick.

Revenue received from sales to ultimate customers totalled \$755,772,000, up 9.3 per cent from the 1958 total of \$691,703,000. Domestic and farm customers produced revenues of \$305,662,000 versus \$278,531,000; commercial customers, \$141,518,000 versus \$131,844,000; power customers, \$293,787,000 versus \$268,121,000 and street lighting customers, \$14,805,000 versus \$13,207,000. Revenue obtained from export sales amounted to \$13,895,000 compared with \$13,379,000 in 1958.

There was no change in the average domestic and farm service revenue per kilowatt-hour, which remained at 1.61 cents. The heavier costs of thermal

generation, especially in Prince Edward Island and in The Yukon-Northwest Territories are reflected in the higher revenues per kilowatt-hour received in those provinces. Manitoba earned the lowest revenue per kilowatt-hour sold.

The average annual bill for domestic and farm customers rose 4.9 per cent in 1959 to \$69.76 from \$66.49 in 1958. The increase was due to a rise in average consumption of 5.1 per cent to 4,338 kilowatt-hours from 4,128. Averages varied widely from province to province, the low of 1,617 kilowatt-hours being recorded in Prince Edward Island and the high of 5,993 kilowatt-hours being registered in Manitoba. While many utilities do not distinguish between farm and domestic customers in their records, those that have reported farm service separately show an average rise of 10.9 per cent to 4,086 kilowatt-hours from 3,686 in consumption and an increase in the average annual bill to \$93.05 from \$86.46.

Electric utilities reported an expenditure of \$19,285,057 on fuel for thermal electric plants in 1959, a decrease of 1.9 per cent from the \$19,655,433 reported one year earlier. The amount spent on oil increased 19.1 per cent to \$5,240,215 from \$4,399,212 and on natural gas 7.3 per cent to \$4,957,671 from \$4,618,487. At the same time, expenditures for coal declined 14.6 per cent to \$9,087,171 from \$10,637,734.

Coal accounted for only 35.8 per cent of total thermal generation in 1959 against 46.2 per cent in 1958, while natural gas was responsible for 50.2 per cent compared with 40.2 per cent one year earlier. Consumption of natural gas in thermal plants increased by about one third in Saskatchewan and Alberta and was reported for the first time in Ontario, where it was used to generate 6,196 thousand kilowatt-hours. Production based on petroleum fuels gained slightly, accounting for 13.9 per cent of the total, compared with 13.6 per cent in 1958.

Wages and salaries paid by the electric utility industry amounted to \$182,789,000 in 1959, a rise of 7.4 per cent over the \$170,211,000 reported in 1958. Publicly-operated utilities reported wages and salaries totalling \$133,505,000 in 1959, up 9.2 per cent from the \$122,208,000 in 1958 while privately-operated utilities paid \$49,284,000 as against \$48,003,000 an increase of 2.7 per cent. Employees, excluding construction workers, increased in number to 39,440 from 39,394 a total of 28,685 being employed by publicly-operated utilities versus 28,149 in 1958; and 10,755 by privately-operated utilities versus 11,245 one year earlier.

Total assets of the electric utility industry stood at \$6,809,757,000 at the end of 1959 compared with \$6,329,269,000 one year earlier, a rise of \$480,488,000 or 7.6 per cent. Fixed assets, after depreciation, amounted to \$5,748,597,000 as against \$5,373,827,000.^r While most of the increase was reflected in a rise in long term debt to \$4,213,792,000

^r Revised.

TABLE 1. Comparative Summary, 1956-59

No.		Canada				
		1959	1958 ^r	1957 ^r	1956 ^r	
Installed generating capacity (Table 2):						
1	Hydro	kw.	17,535,776	15,687,198	14,112,829	13,070,029
2	Thermal	"	3,573,144	2,982,220	2,615,410	2,426,126
3	Total installed generating capacity	"	21,108,920	18,669,418	16,728,239	15,496,155
Energy made available (Tables 3 and 4):						
4	Generated—Hydro	'000 kwh.	97,039,830	90,509,200	83,373,220	81,839,968
5	Thermal	"	7,573,734	6,975,089	7,686,771	6,543,333
6	Total generation	"	104,613,564	97,484,289	91,059,991	88,383,301
7	Imported from other Provinces .....	"	...	...	...	...
8	Imported from United States	"	512,002	245,062	569,260	239,173
9	Exported to other Provinces .....	"	...	...	...	...
10	Exported to United States	"	4,580,619	4,074,513	4,829,843	5,103,669
11	Total made available in Canada	"	100,544,947	93,654,838	86,799,408	83,518,805
Generated for use in own plant:						
12	Excluding consumption in electric boilers	"	17,158,300	19,535,007	17,875,164	18,903,282
13	Consumed in electric boilers	"	1,851,955			
14	Losses	"	655,091				513,726	498,949
15	Total generated for own use	"	19,665,346	20,048,733	18,374,113	18,903,282
16	Total available for disposal in Canada	"	80,879,601	73,606,105	68,425,295	64,615,523
Disposal of energy (Table 5):						
To ultimate customers in Canada:						
17	Domestic and farm	"	19,007,111	17,290,984	15,857,618	14,338,789
18	Commercial	"	8,058,275	7,224,949	6,112,574	5,323,363
19	Power—Excluding deliveries to electric boilers	"	39,698,251	35,838,523	35,963,723	35,274,638
20	Deliveries to electric boilers	"	4,521,543	4,414,532	2,098,166	972,429
21	Street lighting	"	602,930	554,733	511,439	473,726
22	Total sold to ultimate customers	"	71,888,110	65,323,721	60,543,520	56,382,945
23	Losses and unaccounted for	"	8,991,491	8,282,384	7,881,775	8,232,578
24	Total disposed of in Canada	"	80,879,601	73,606,105	68,425,295	64,615,523
Customers (Table 6):						
Ultimate customers in Canada:						
25	Domestic and farm	No.	4,381,564	4,188,946	4,004,200	3,834,964
26	Commercial	"	528,579	516,018	506,509	491,174
27	Power	"	103,507	99,818	95,720	97,006
28	Street lighting	"	5,070	4,852	4,749	4,538
29	Total ultimate customers	"	5,018,720	4,809,634	4,611,178	4,427,682
Revenue from sale of electricity (Table 7):						
Revenue from ultimate customers in Canada:						
30	Domestic and farm	\$'000	305,662	278,531	257,038	235,497
31	Commercial	"	141,518	131,844	119,501	107,487
32	Power—Excluding deliveries to electric boilers	"	286,675	262,794	248,016	236,039
33	Deliveries to electric boilers	"	7,112	5,327	3,537	1,779
34	Street lighting	"	14,805	13,207	11,906	11,244
35	Total revenue from ultimate customers	"	755,772	691,703	639,998	592,046
Employees, salaries and wages (Table 13):						
36	Total employees (excluding construction)	No.	39,440	39,394	37,817	36,118
37	Total wages and salaries (excluding construc- tion)	\$'000	182,789	170,211	153,952	137,967

TABLE 1. Comparative Summary, 1956-59

Newfoundland				Prince Edward Island				No.
1959	1958 ^r	1957 ^r	1956	1959	1958	1957	1956	
244,830	245,530	218,670	206,120	155	155	140	140	1
29,427	34,196	29,433	28,549	25,486	25,486	25,384	26,223	2
274,257	279,726	248,103	234,669	25,641	25,641	25,524	26,363	3
1,370,826	1,340,843	1,313,396	1,360,745	340	537	370	441	4
77,812	70,329	62,313	35,301	70,802	62,497	56,618	51,362	5
1,448,638	1,411,172	1,375,709	1,396,046	71,142	63,034	56,988	51,803	6
—	—	8,504	—	—	—	—	—	7
—	—	—	—	—	—	—	—	8
41,293	36,974	44,620	31,496	—	—	—	—	9
—	—	—	—	—	—	—	—	10
1,407,345	1,374,198	1,339,593	1,364,550	71,142	63,034	56,988	51,803	11
322,462	357,134	334,909	335,506	—	104	98	106	12
27,597		4,457		—		9		13
9,836		339,366		335,506		—		107	106	14
359,895	364,873	339,366	335,506	—	104	107	106	15
1,047,450	1,009,325	1,000,227	1,029,044	71,142	62,930	56,881	51,697	16
160,820	138,766	132,678	121,714	27,033	23,103	20,560	18,957	17
41,809	37,969	35,511	32,642	19,894	19,507	18,088	15,861	18
652,209	473,319	643,156	766,414	11,942	8,721	7,872	8,064	19
84,878	251,935	78,603	—	—	—	—	—	20
4,429	4,112	4,073	3,883	1,238	1,017	995	803	21
944,145	906,101	894,021	924,653	60,107	52,348	47,515	43,685	22
103,305	103,224	106,206	104,391	11,035	10,582	9,366	8,012	23
1,047,450	1,009,325	1,000,227	1,029,044	71,142	62,930	56,881	51,697	24
55,571	53,614	51,187	48,906	16,721	16,059	15,044	14,062	25
5,795	5,363	5,160	5,147	4,088	2,866	2,725	2,729	26
645	651	669	652	263	237	233	81	27
22	19	18	18	18	18	12	20	28
62,033	59,647	57,034	54,723	21,090	19,180	18,014	16,892	29
3,602	3,424	3,194	2,944	1,288	1,154	1,047	921	30
1,405	1,200	1,115	1,019	752	754	766	609	31
4,521	4,615	4,347	4,416	262	198	180	233	32
153	3	138	—	—	—	—	—	33
133	120	114	107	60	52	52	38	34
9,814	9,362	8,908	8,486	2,362	2,158	2,045	1,801	35
591	586	596	607	177	201	197	189	36
1,883	1,749	1,766	1,644	563	569	498	507	37

TABLE 1. Comparative Summary, 1956-59 - Continued

No.		Nova Scotia				
		1959	1958	1957	1956	
Installed generating capacity (Table 2):						
1	Hydro	kw.	127,930	127,930	129,637	125,534
2	Thermal	"	370,585	291,335	297,976	257,330
3	Total installed generating capacity	"	498,515	419,265	427,613	382,864
Energy made available (Tables 3 and 4):						
4	Generated—Hydro	'000 kwh.	679,450	645,600	526,493	592,361
5	Thermal	"	970,592	917,142	1,007,344	888,867
6	Total generation	"	1,650,042	1,562,742	1,533,837	1,481,228
7	Imported from other Provinces	"	—	—	—	—
8	Imported from United States	"	—	—	—	—
9	Exported to other Provinces	"	13,984	9,949	8,858	8,234
10	Exported to United States	"	—	—	—	—
11	Total made available in Canada	"	1,636,058	1,552,793	1,524,979	1,472,994
Generated for use in own plant:						
12	Excluding consumption in electric boilers....	"	158,249	159,716	182,673	172,545
13	Consumed in electric boilers	"	—			
14	Losses	"	—	270	421	
15	Total generated for own use	"	158,249	159,986	183,094	172,545
16	Total available for disposal in Canada	"	1,477,809	1,392,807	1,341,885	1,300,449
Disposal of energy (Table 5):						
To ultimate customers in Canada:						
17	Domestic and farm	"	434,396	385,465	356,000	319,243
18	Commercial	"	131,068	126,006	121,300	109,906
19	Power—Excluding deliveries to electric boilers	"	749,453	720,734	683,283	704,389
20	Deliveries to electric boilers	"	—	—	—	50
21	Street lighting	"	12,715	12,111	10,046	10,322
22	Total sold to ultimate customers	"	1,327,632	1,244,316	1,170,629	1,143,910
23	Losses and unaccounted for	"	150,177	148,491	171,256	156,539
24	Total disposed of in Canada	"	1,477,809	1,392,807	1,341,885	1,300,449
Customers (Table 6):						
Ultimate customers in Canada:						
25	Domestic and farm	No.	166,393	163,481	158,065	154,231
26	Commercial	"	20,340	19,887	20,626	20,535
27	Power	"	7,251	6,453	5,889	5,595
28	Street lighting	"	177	147	131	115
29	Total ultimate customers	"	194,161	189,968	184,711	180,476
Revenue from sale of electricity (Table 7):						
Revenue from ultimate customers in Canada:						
30	Domestic and farm	\$'000	11,621	10,351	9,173	8,680
31	Commercial	"	4,630	4,443	4,332	4,187
32	Power—Excluding deliveries to electric boilers	"	8,907	9,663	9,200	8,956
33	Deliveries to electric boilers	"	—	—	—	1
34	Street lighting	"	543	496	421	409
35	Total revenue from ultimate customers	"	25,701	24,953	23,126	22,233
Employees, salaries and wages (Table 13):						
36	Total employees (excluding construction)	No.	1,583	1,542	1,590	1,542
37	Total wages and salaries (excluding construction)	\$'000	5,940	5,445	5,069	4,521

TABLE 1. Comparative Summary, 1956-59 - Continued

New Brunswick				Quebec				No.
1959	1958	1957	1956	1959	1958 ^r	1957 ^r	1956 ^r	
188,506	188,906	209,410	116,589	8,138,181	6,980,515	6,276,684	5,914,903	1
200,731	200,431	187,181	184,426	90,053	77,449	70,909	67,711	2
389,237	389,337	396,591	301,015	8,228,234	7,057,964	6,347,593	5,982,614	3
1,115,835	1,023,020	706,464	522,938	44,621,143	43,418,062	37,905,814	37,539,040	4
697,400	589,662	698,297	839,815	232,783	217,506	225,613	221,549	5
1,813,235	1,612,682	1,404,761	1,362,753	44,853,926	43,635,568	38,131,427	37,760,589	6
27,986	25,851	23,156	21,621	57,436	51,318	66,400	57,306	7
151	591	4,525	11,451	852	833	710	306	8
11	—	—	—	5,692,703	6,006,889	4,943,580	5,232,799	9
158,621	142,789	48,649	25,014	555,358	526,336	549,040	48,008	10
1,682,740	1,496,335	1,383,793	1,370,811	38,664,153	37,154,494	32,705,917	32,537,394	11
422,298	380,880	385,782	440,357	8,043,417	10,165,536	8,532,007	10,031,707	12
2,047		1,526,840		13				
14,043		272,520		231,363		258,501		14
438,388	396,635	387,232	440,357	9,842,777	10,396,899	8,790,508	10,031,707	15
1,244,352	1,099,700	996,561	930,454	28,821,376	37,154,494	23,915,409	22,505,687	16
300,825	253,273	225,210	195,768	4,553,174	4,017,294	3,582,204	3,109,448	17
105,702	97,745	91,425	84,712	2,853,128	2,317,333	1,558,600	1,423,212	18
720,269	665,090	562,349	549,298	14,920,073	13,940,656	14,672,085	14,472,987	19
—	—	—	227	3,649,249	3,733,638	1,653,310	851,305	20
14,262	12,053	10,910	9,901	134,409	123,636	115,800	104,929	21
1,141,058	1,028,161	889,894	839,906	26,110,033	24,132,557	21,581,999	19,961,881	22
103,294	71,539	106,667	90,548	2,711,343	2,625,038	2,333,410	2,543,806	23
1,244,352	1,099,700	996,561	930,454	28,821,376	26,757,595	23,915,409	22,505,687	24
128,207	129,365	123,893	120,537	1,175,811	1,124,134	1,089,416	1,035,786	25
16,854	14,115	13,608	13,367	138,284	135,803	132,445	126,244	26
2,372	2,155	2,128	2,026	19,388	18,826	18,349	17,671	27
227	144	132	122	1,650	1,616	1,586	1,538	28
147,600	145,779	139,761	136,052	1,335,133	1,280,379	1,241,796	1,181,239	29
9,959	8,753	7,906	7,335	67,457	61,262	56,112	50,224	30
3,297	3,015	2,801	2,680	36,499	32,698	28,402	25,796	31
6,847	6,451	5,912	5,820	88,149	83,696	80,911	77,110	32
—	—	—	—	5,909	4,714	2,918	1,579	33
552	457	400	361	3,153	2,837	2,590	2,343	34
20,655	18,676	17,019	16,196	201,167	185,207	170,933	157,052	35
1,194	1,142	1,133	1,164	9,755	9,799	9,466	8,747	36
4,204	3,968	3,835	3,923	42,134	40,828	36,735	31,868	37

TABLE 1. Comparative Summary, 1956-59 - Continued

No.		Ontario				
		1959	1958 ^r	1957 ^r	1956 ^r	
Installed generating capacity (Table 2):						
1	Hydro	kw.	5,577,611	4,957,380	4,091,654	3,850,181
2	Thermal	"	1,120,961	912,366	909,188	890,247
3	Total installed generating capacity	"	6,698,572	5,869,746	5,000,842	4,740,428
Energy made available (Tables 3 and 4):						
4	Generated—Hydro	'000 kwh.	32,386,820	28,012,573	27,959,037	27,478,197
5	Thermal	"	991,331	1,238,807	2,153,403	1,570,076
6	Total generation	"	33,378,151	29,251,380	30,112,440	29,048,273
7	Imported from other Provinces	"	5,804,206	6,024,335	5,071,120	5,334,917
8	Imported from United States	"	481,462	226,510	285,472	174,435
9	Exported to other Provinces	"	191,510	50,553	23,316	25,961
10	Exported to United States	"	3,865,099	3,404,051	4,222,225	5,010,968
11	Total made available in Canada	"	35,607,210	32,047,621	31,223,491	29,520,696
Generated for use in own plant:						
12	Excluding consumption in electric boilers....	"	1,731,609	} 1,805,015	} 1,826,356	} 1,995,784
13	Consumed in electric boilers	"	122,250			
14	Losses	"	161,848				57,420	51,559
15	Total generated for own use	"	2,015,707	1,862,435	1,877,915	1,995,784
16	Total available for disposal in Canada	"	33,591,503	30,185,186	29,345,576	27,524,912
Disposal of energy (Table 5):						
To ultimate customers in Canada:						
17	Domestic and farm	"	8,780,654	8,189,413	7,594,393	7,045,900
18	Commercial	"	3,067,538	2,833,584	2,609,398	2,418,518
19	Power—Excluding deliveries to electric boilers	"	16,933,502	14,963,091	15,165,803	13,972,150
20	Deliveries to electric boilers	"	360,639	198,254	48,113	94,416
21	Street lighting	"	264,160	244,962	228,684	212,535
22	Total sold to ultimate customers	"	29,406,493	26,429,304	25,646,391	23,743,519
23	Losses and unaccounted for	"	4,185,010	3,755,882	3,699,185	3,781,393
24	Total disposed of in Canada	"	33,591,503	30,185,186	29,345,576	27,524,912
Customers (Table 6):						
Ultimate customers in Canada:						
25	Domestic and farm	No.	1,710,079	1,634,830	1,549,668	1,492,408
26	Commercial	"	165,489	166,107	166,198	168,277
27	Power	"	26,823	26,143	25,553	25,642
28	Street lighting	"	761	752	780	732
29	Total ultimate customers	"	1,903,152	1,827,832	1,742,199	1,687,059
Revenue from sale of electricity (Table 7):						
Revenue from ultimate customers in Canada:						
30	Domestic and farm	'000	117,629	110,712	103,377	95,898
31	Commercial	"	46,074	43,478	40,582	37,596
32	Power—Excluding deliveries to electric boilers	"	118,284	107,699	104,295	95,705
33	Deliveries to electric boilers	"	510	279	68	139
34	Street lighting	"	5,976	5,417	4,962	5,121
35	Total revenue from ultimate customers	"	288,473	267,585	253,284	234,459
Employees, salaries and wages (Table 13):						
36	Total employees (excluding construction)	No.	16,560	16,409	16,184	15,956
37	Total wages and salaries (excluding construction))	'000	82,715	76,082	71,477	65,196

TABLE 1. Comparative Summary, 1956-59 — Continued

Manitoba				Saskatchewan				No.
1959	1958 ^r	1957 ^r	1956	1959	1958	1957	1956 ^r	
577,950	577,950	564,950	589,950	109,504	88,800	85,200	85,200	1
197,267	197,062	92,154	59,338	584,454	461,852	374,745	330,548	2
775,217	775,012	657,104	649,288	693,958	550,652	459,945	415,748	3
3,580,427	3,113,166	3,350,396	3,346,394	587,366	568,480	566,020	555,466	4
62,816	139,854	26,993	18,910	1,512,312	1,347,716	1,200,324	1,030,433	5
3,643,243	3,253,020	3,357,389	3,365,304	2,099,678	1,916,196	1,766,344	1,585,899	6
762,157	540,238	533,792	555,617	8,104	6,715	2,315	1,994	7
—	—	—	817	401	365	316	258	8
128,633	35,858	152,657	117,499	586,778	504,029	532,256	555,466	9
36	28	22	8	—	—	—	—	10
4,276,731	3,757,372	3,758,502	3,804,231	1,521,405	1,419,247	1,236,719	1,032,685	11
74,991	36,037	63,049	24,330	62,101	100,989	58,693	34,823	12
—		—		—		—		—
19,434	972	—	—	2,372	3,529	6	—	14
94,425	37,009	63,049	24,330	64,473	104,518	58,699	34,823	15
4,182,306	3,720,363	3,695,453	3,779,901	1,456,932	1,314,729	1,178,020	997,862	16
1,388,330	1,337,932	1,247,563	1,172,579	600,526	515,158	470,075	400,215	17
488,694	456,589	428,508	275,652	277,904	163,257	166,344	158,358	18
1,364,668	1,283,248	1,286,949	1,876,976	365,076	390,574	326,482	305,280	19
407,255	211,886	310,950	21,444	—	—	—	—	20
39,802	35,876	33,943	31,952	20,536	21,006	19,725	19,291	21
3,688,749	3,325,531	3,307,913	3,378,603	1,264,042	1,089,995	982,626	883,144	22
493,557	394,832	387,540	401,298	192,890	224,734	195,394	114,718	23
4,182,306	3,720,363	3,695,453	3,779,901	1,456,932	1,314,729	1,178,020	997,862	24
231,662	218,870	211,642	208,039	201,900	191,072	182,426	169,527	25
38,953	36,969	36,002	30,259	33,702	31,838	31,106	30,826	26
11,264	10,818	10,676	15,483	5,043	6,540	5,708	5,028	27
538	529	529	528	874	859	829	781	28
282,417	267,186	258,849	254,309	241,519	230,309	220,069	206,162	29
15,924	14,141	14,052	13,520	18,087	15,864	14,625	12,690	30
7,508	7,382	6,127	5,274	8,178	6,222	6,072	5,826	31
9,492	8,687	8,331	9,138	6,529	7,174	5,905	5,369	32
475	266	378	28	—	—	—	—	33
753	651	577	519	774	687	640	572	34
34,152	31,127	29,465	28,479	33,568	29,947	27,242	24,457	35
2,524	2,513	2,416	2,162	2,387	2,141	1,875	1,430	36
10,349	9,321	8,387	7,501	10,837	9,477	6,534	5,360	37

TABLE 1. Comparative Summary, 1956-59 — Concluded

No.		Alberta			
		1959	1958	1957	1956
	Installed generating capacity (Table 2):				
1	Hydro	220,642	220,642	241,432	222,665
2	Thermal	545,810	515,258	382,508	381,496
3	Total installed generating capacity	766,452	735,900	623,940	604,161
	Energy made available (Tables 3 and 4):				
4	Generated—Hydro	842,259	990,457	807,253	979,157
5	Thermal	2,255,207	1,737,298	1,624,649	1,164,316
6	Total generation	3,097,466	2,727,755	2,431,902	2,143,473
7	Imported from other Provinces	34,287	25,520	24,297	28,512
8	Imported from United States	617	604	573	—
9	Exported to other Provinces	4,977	6,286	3,139	—
10	Exported to United States	—	—	—	—
11	Total made available in Canada	3,127,393	2,747,593	2,453,633	2,171,985
	Generated for use in own plant:				
12	Excluding consumption in electric boilers ..	261,693	248,561	177,043	122,396
13	Consumed in electric boilers	—			
14	Losses	58			
15	Total generated for own use	261,751	248,620	177,243	122,396
16	Total available for disposal in Canada ..	2,865,642	2,498,973	2,276,390	2,049,589
	Disposal of energy (Table 5):				
	To ultimate customers in Canada:				
17	Domestic and farm	787,492	646,048	564,048	501,260
18	Commercial	340,339	299,204	276,551	245,244
19	Power—Excluding deliveries to electric boilers	1,339,800	1,224,536	1,144,294	1,022,309
20	Deliveries to electric boilers	—	—	942	—
21	Street lighting	47,696	38,393	29,853	25,585
22	Total sold to ultimate customers	2,515,327	2,208,181	2,015,688	1,794,398
23	Losses and unaccounted for	350,315	290,792	260,702	255,191
24	Total disposed of in Canada	2,865,642	2,498,973	2,276,390	2,049,589
	Customers (Table 6):				
	Ultimate customers in Canada:				
25	Domestic and farm	No. 275,395	255,164	237,719	222,222
26	Commercial	41,969	40,847	38,895	37,254
27	Power	21,540	19,568	18,328	16,426
28	Street lighting	545	527	511	480
29	Total ultimate customers	339,449	316,106	295,453	276,382
	Revenue from sale of electricity (Table 7):				
	Revenue from ultimate customers in Canada:				
30	Domestic and farm	\$'000 17,990	15,484	13,788	12,573
31	Commercial	11,612	10,360	9,459	8,660
32	Power—Excluding deliveries to electric boilers	18,145	16,044	14,650	12,916
33	Deliveries to electric boilers	—	—	10	10
34	Street lighting	1,495	1,251	1,045	742
35	Total revenue from ultimate customers ..	49,242	43,139	38,952	34,901
	Employees, salaries and wages (Table 13):				
36	Total employees (excluding construction) ..	No. 1,956	1,932	1,647	1,598
37	Total wages and salaries (excluding con- struction)	\$'000 9,072	8,498	6,729	5,443

TABLE 1. Comparative Summary, 1956-59 — Concluded

British Columbia				Yukon and N.W.T.				No.		
1959	1958	1957	1956 ^f	1959	1958 ^f	1957 ^f	1956 ^f			
2,312,067	2,260,990	2,266,077	1,933,022	38,400	38,400	28,975	25,725	1		
401,267	261,972	242,915	185,108	7,103	4,813	3,017	15,150	2		
2,713,334	2,522,962	2,508,992	2,118,130	45,503	43,213	31,992	40,875	3		
11,701,239	11,254,743	10,116,336	9,350,558	154,125	141,719	121,641	114,671	4		
671,978	627,960	607,701	719,778	30,701	26,318	23,516	2,926	5		
12,373,217	11,882,703	10,724,037	10,070,336	184,826	168,037	145,157	117,597	6		
—	2,081	3,139	—	—	—	—	—	7		
28,519	16,159	277,664	51,906	—	—	—	—	8		
34,287	25,520	24,297	28,512	—	—	—	—	9		
1,505	1,309	9,907	19,671	—	—	—	—	10		
12,365,944	11,874,114	10,970,636	10,074,059	184,826	168,037	145,157	117,597	11		
6,033,070	6,219,643	6,243,327	5,699,542	48,410	61,392	71,227	46,186	12		
166,645		191,945		181,533		6,576		4,674	813	13
172,383		6,411,588		6,424,860		5,699,542		57,583	66,066	72,040	46,186	15
6,372,098	6,411,588	6,424,860	5,699,542	57,583	66,066	72,040	46,186	15		
5,993,846	5,462,526	4,545,776	4,374,517	127,243	101,971	73,117	71,411	16		
1,963,660	1,775,996	1,657,619	1,445,059	10,201	8,536	7,268	8,646	17		
718,117	867,938	798,711	556,576	14,082	5,817	8,138	2,682	18		
2,567,011	2,107,687	1,421,814	1,550,935	74,248	60,867	49,636	45,836	19		
63,485	61,353	57,218	54,296	19,522	18,819	6,248	4,987	20		
5,312,273	4,812,974	3,935,362	3,606,866	118,251	94,253	71,482	62,380	22		
681,573	649,552	610,414	767,651	8,992	7,718	1,635	9,031	23		
5,993,846	5,462,526	4,545,776	4,374,517	127,243	101,971	73,117	71,411	24		
416,251	399,343	382,222	366,438	3,574	3,014	2,918	2,808	25		
62,240	61,521	58,995	56,033	865	702	749	503	26		
8,747	8,270	8,098	8,256	171	157	89	146	27		
249	232	215	197	9	9	6	7	28		
487,487	469,366	449,530	430,924	4,619	3,882	3,762	3,464	29		
41,547	36,911	33,421	30,271	558	475	343	441	30		
20,770	21,933	19,324	15,662	793	359	521	178	31		
23,998	17,389	13,298	15,340	1,541	1,178	987	1,036	32		
1,353	1,225	1,092	1,020	65	65	25	22	33		
87,668	77,458	67,135	62,293	2,970	2,091	1,889	1,689	35		
2,559	3,019	2,635	2,645	154	110	78	78	36		
14,371	13,757	12,579	11,715	721	517	343	289	37		

TABLE 2. Installed Generating Capacity at End of Year, 1959

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		nameplate rating in kilowatts			
	Electric utilities and industrial establishments:				
	Hydro:				
1	Water-wheels and turbines	17,535,776	244,830	155	127,930
	Thermal:				
2	Steam engines and turbines	3,031,273	20,000	22,500	367,045
3	Internal combustion engines	249,434	9,427	2,986	3,540
4	Gas turbines	292,437	—	—	—
5	Total thermal	3,573,144	29,427	25,486	370,585
6	Total installed generating capacity	21,108,920	274,257	25,641	498,515
7	Per cent of total for Canada	100.00	1.30	0.12	2.36
	Electric utilities:				
	Publicly and privately-operated:				
	Hydro:				
8	Water-wheels and turbines	14,067,712	190,150	155	122,580
	Thermal:				
9	Steam engines and turbines	2,386,635	10,000	22,500	326,250
10	Internal combustion engines	198,943	4,777	2,981	3,140
11	Gas turbines	284,000	—	—	—
12	Total thermal	2,869,578	14,777	25,481	329,390
13	Total installed generating capacity	16,937,290	204,927	25,636	451,970
14	Per cent of total for Canada	100.00	1.21	0.15	2.67
	Publicly-operated:				
	Hydro:				
15	Water-wheels and turbines	9,053,559	—	—	82,768
	Thermal:				
16	Steam engines and turbines	1,851,275	—	—	60,000
17	Internal combustion engines	143,042	—	2,881	1,220
18	Gas turbines	165,500	—	—	—
19	Total thermal	2,159,817	—	2,881	61,220
20	Total installed generating capacity	11,213,376	—	2,881	143,988
21	Per cent of total for Canada	100.00	—	0.02	1.28
	Privately-operated:				
	Hydro:				
22	Water-wheels and turbines	5,014,153	190,150	155	39,812
	Thermal:				
23	Steam engines and turbines	535,360	10,000	22,500	266,250
24	Internal combustion engines	55,901	4,777	100	1,920
25	Gas turbines	118,500	—	—	—
26	Total thermal	709,761	14,777	22,600	268,170
27	Total installed generating capacity	5,723,914	204,927	22,755	307,982
28	Per cent of total for Canada	100.00	3.58	0.40	5.38
	Industrial establishments:				
	Hydro:				
29	Water-wheels and turbines	3,468,064	54,680	—	5,350
	Thermal:				
30	Steam engines and turbines	644,638	10,000	—	40,795
31	Internal combustion engines	50,491	4,650	5	400
32	Gas turbines	8,437	—	—	—
33	Total thermal	703,566	14,650	5	41,195
34	Total installed generating capacity	4,171,630	69,330	5	46,545
35	Per cent of total for Canada	100.00	1.66	0.00	1.12

TABLE 2. Installed Generating Capacity at End of Year, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
nameplate rating in kilowatts								
188,506	8,138,181	5,577,611	577,950	109,504	220,642	2,312,067	38,400	1
192,649	66,864	1,102,120	189,600	518,700	422,502	128,693	600	2
8,082	23,189	18,841	7,667	45,754	26,371	97,074	6,503	3
—	—	—	—	20,000	96,937	175,500	—	4
200,731	90,053	1,120,961	197,267	584,454	545,810	401,267	7,103	5
389,237	8,228,234	6,698,572	775,217	693,958	766,452	2,713,334	45,503	6
1.84	38.98	31.73	3.67	3.29	3.63	12.86	0.22	7
175,786	6,077,518	5,333,038	567,650	104,580	220,642	1,250,623	24,990	8
92,250	—	864,000	185,600	510,700	372,125	2,610	600	9
8,082	19,312	9,751	3,675	34,592	19,886	86,540	6,207	10
—	—	—	—	20,000	88,500	175,500	—	11
100,332	19,312	873,751	189,275	565,292	480,511	264,650	6,807	12
276,118	6,096,830	6,206,789	756,925	669,872	701,153	1,515,273	31,797	13
1.63	36.00	36.64	4.47	3.95	4.14	8.95	0.19	14
165,746	2,884,099	5,017,274	567,650	—	—	312,682	23,340	15
92,250	—	864,000	185,600	473,200	175,625	—	600	16
7,082	8,550	4,226	3,675	33,792	—	77,941	3,675	17
—	—	—	—	20,000	70,000	75,500	—	18
99,332	8,550	868,226	189,275	526,992	245,625	153,441	4,275	19
265,078	2,892,649	5,885,500	756,925	526,992	245,625	466,123	27,615	20
2.36	25.80	52.49	6.75	4.70	2.19	4.16	0.25	21
10,040	3,193,419	315,764	—	104,580	220,642	937,941	1,650	22
—	—	—	—	37,500	196,500	2,610	—	23
1,000	10,762	5,525	—	800	19,886	8,599	2,532	24
—	—	—	—	—	18,500	100,000	—	25
1,000	10,762	5,525	—	38,300	234,886	111,209	2,532	26
11,040	3,204,181	321,289	—	142,880	455,528	1,049,150	4,182	27
0.19	55.98	5.81	—	2.50	7.96	18.33	0.07	28
12,720	2,060,663	244,573	10,300	4,924	—	1,061,444	13,410	29
100,399	66,864	238,120	4,000	8,000	50,377	126,083	—	30
—	3,877	9,090	3,992	11,162	6,485	10,534	296	31
—	—	—	—	—	8,437	—	—	32
100,399	70,741	247,210	7,992	19,162	65,299	136,617	296	33
113,119	2,131,404	491,783	18,292	24,086	65,299	1,198,061	13,706	34
2.71	51.09	11.79	0.44	0.58	1.56	28.72	0.33	35

TABLE 3. Generation of Energy, 1959

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of kilowatt-hours ¹			
	Electric utilities and industrial establishments:				
	Hydro:				
1	Water-wheels and turbines	97,039,830	1,370,826	340	679,450
	Thermal:				
2	Steam engines and turbines	6,757,901	53,491	65,631	968,385
3	Internal combustion engines	558,482	24,321	5,171	2,207
4	Gas turbines	257,351	—	—	—
5	Total thermal	7,573,734	77,812	70,802	970,592
6	Total energy generated	104,613,564	1,448,638	71,142	1,650,042
7	Per cent of total for Canada	100.00	1.38	0.07	1.58
	Electric utilities:				
	Publicly and privately-operated:				
	Hydro:				
8	Water-wheels and turbines	77,767,745	1,009,845	340	640,255
	Thermal:				
9	Steam engines and turbines	4,633,411	30,313	65,631	850,531
10	Internal combustion engines	431,216	5,352	5,171	2,157
11	Gas turbines	216,513	—	—	—
12	Total thermal	5,281,140	35,665	70,802	852,688
13	Total energy generated	83,048,885	1,045,510	71,142	1,492,943
14	Per cent of total for Canada	100.00	1.26	0.08	1.80
	Publicly-operated:				
	Hydro:				
15	Water-wheels and turbines	50,140,055	—	—	439,777
	Thermal:				
16	Steam engines and turbines	2,719,481	—	—	111,015
17	Internal combustion engines	325,117	—	5,137	1,831
18	Gas turbines	210,729	—	—	—
19	Total thermal	3,255,327	—	5,137	112,846
20	Total energy generated	53,395,382	—	5,137	552,623
21	Per cent of total for Canada	100.00	—	0.01	1.03
	Privately-operated:				
	Hydro:				
22	Water-wheels and turbines	27,627,690	1,009,845	340	200,478
	Thermal:				
23	Steam engines and turbines	1,913,930	30,313	65,631	739,516
24	Internal combustion engines	106,099	5,352	34	326
25	Gas turbines	5,784	—	—	—
26	Total thermal	2,025,813	35,665	65,665	739,842
27	Total energy generated	29,653,503	1,045,510	66,005	940,320
28	Per cent of total for Canada	100.00	3.53	0.22	3.17
	Industrial establishments:				
	Hydro:				
29	Water-wheels and turbines	19,272,085	360,981	—	39,195
	Thermal:				
30	Steam engines and turbines	2,124,490	23,178	—	117,854
31	Internal combustion engines	127,266	18,969	—	50
32	Gas turbines	40,838	—	—	—
33	Total thermal	2,292,594	42,147	—	117,904
34	Total energy generated	21,564,679	403,128	—	157,099
35	Per cent of total for Canada	100.00	1.87	—	0.73

¹ Kilowatt-hours generated after deducting station service.

TABLE 3. Generation of Energy, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours ¹								
1,115,835	44,621,143	32,386,820	3,580,427	587,366	842,259	11,701,239	154,125	1
680,924	193,053	967,440	56,026	1,283,663	2,031,863	457,237	188	2
16,476	39,730	23,891	6,790	126,225	72,774	210,384	30,513	3
—	—	—	—	102,424	150,570	4,357	—	4
697,400	232,783	991,331	62,816	1,512,312	2,255,207	671,978	30,701	5
1,813,235	44,853,926	33,378,151	3,643,243	2,099,678	3,097,466	12,373,217	184,826	6
1.73	42.88	31.90	3.48	2.01	2.96	11.83	0.18	7
1,050,563	33,262,401	30,972,971	3,540,427	562,072	842,259	5,781,342	105,270	8
238,877	—	336,679	51,709	1,247,151	1,811,911	421	188	9
16,476	29,532	11,230	6,287	86,750	66,144	190,613	11,504	10
—	—	—	—	102,424	109,732	4,357	—	11
255,353	29,532	347,909	57,996	1,436,325	1,987,787	195,391	11,692	12
1,305,916	33,291,933	31,320,860	3,598,423	1,998,397	2,830,046	5,976,733	116,962	13
1.57	40.09	37.71	4.33	2.41	3.41	7.20	0.14	14
896,963	14,115,221	29,481,879	3,540,427	—	—	1,566,636	99,152	15
238,877	—	336,679	51,709	1,136,380	844,633	—	188	16
16,462	17,095	3,927	6,287	86,376	—	179,639	8,363	17
—	—	—	—	102,424	108,305	—	—	18
255,339	17,095	340,606	57,996	1,325,180	952,938	179,639	8,551	19
1,152,302	14,132,316	29,822,485	3,598,423	1,325,180	952,938	1,746,275	107,703	20
2.16	26.47	55.85	6.74	2.48	1.78	3.27	0.20	21
153,600	19,147,180	1,491,092	—	562,072	842,259	4,214,706	6,118	22
—	—	—	—	110,771	967,278	421	—	23
14	12,437	7,303	—	374	66,144	10,974	3,141	24
—	—	—	—	—	1,427	4,357	—	25
14	12,437	7,303	—	111,145	1,034,849	15,752	3,141	26
153,614	19,159,617	1,498,395	—	673,217	1,877,108	4,230,458	9,259	27
0.52	64.61	5.05	—	2.27	6.33	14.27	0.03	28
65,272	11,358,742	1,413,849	40,000	25,294	—	5,919,897	48,855	29
442,047	193,053	630,761	4,317	36,512	219,952	456,816	—	30
—	10,198	12,661	503	39,475	6,630	19,771	19,009	31
—	—	—	—	—	40,838	—	—	32
442,047	203,251	643,422	4,820	75,987	267,420	476,587	19,009	33
507,319	11,561,993	2,057,271	44,820	101,281	267,420	6,396,484	67,864	34
2.35	53.62	9.54	0.21	0.47	1.24	29.66	0.31	35

TABLE 4. Energy Made Available, 1959

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
		thousands of kilowatt-hours ¹			
	Electric utilities and industrial establishments:				
1	Total generated (Table 3)¹	104,613,564	1,448,638	71,142	1,650,042
2	Per cent of total for Canada	100.00	1.38	0.07	1.58
	Energy imported:				
3	From other provinces .....	...	—	—	—
4	From United States	512,002	—	—	—
5	Total imported.....	512,002	—	—	—
	Energy exported:				
6	To other provinces .....	...	41,293	—	13,984
7	To United States	4,580,619	—	—	—
8	Total exported	4,580,619	41,293	—	13,984
9	Total made available in Canada	100,544,947	1,407,345	71,142	1,636,058
10	Per cent of total for Canada.....	100.00	1.40	0.07	1.63
	Generated for use in own plant:				
11	Excluding consumption in electric boilers	17,158,300	322,462	—	158,249
12	Consumption in electric boilers	1,851,955	27,597	—	—
13	Losses	655,091	9,836	—	—
14	Total generated for own use	19,665,346	359,895	—	158,249
15	Total available for disposal in Canada	80,879,601	1,047,450	71,142	1,477,809
16	Per cent of total for Canada.....	100.00	1.30	0.09	1.83

¹ Kilowatt hours after deducting station service.

TABLE 5. Disposal of Energy, 1959

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
		thousands of kilowatt-hours			
	Electric utilities and industrial establishments:				
	To ultimate customers in Canada:				
1	Domestic and farm ¹	19,007,111	160,820	27,033	434,396
2	Commercial	8,058,275	41,809	19,894	131,068
3	Power—Excluding deliveries to electric boilers	39,698,251	652,209	11,942	749,453
4	Deliveries to electric boilers	4,521,543	84,878	—	—
5	Street lighting.....	602,930	4,429	1,238	12,715
6	Total sold to ultimate customers	71,888,110	944,145	60,107	1,327,632
7	Losses and unaccounted for	8,991,491	103,305	11,035	150,177
8	Total disposed of in Canada	80,879,601	1,047,450	71,142	1,477,809
9	Per cent of total for Canada.....	100.00	1.30	0.09	1.83
	Exported:				
10	To other provinces—Primary .....	...	41,293	—	13,984
11	Secondary .....	...	—	—	—
12	To United States—Primary	1,063,318	—	—	—
13	Secondary	3,517,301	—	—	—
14	Total exported	4,580,619	41,293	—	13,984
	Electric utilities:				
	Publicly and privately-operated:				
	To ultimate customers in Canada:				
15	Domestic and farm ¹	18,952,742	160,272	27,033	434,396
16	Commercial	8,035,458	41,488	19,894	131,068
17	Power—Excluding deliveries to electric boilers	39,605,097	652,018	11,942	746,976
18	Deliveries to electric boilers	4,521,543	84,878	—	—
19	Street lighting.....	600,644	4,429	1,238	12,715
20	Total sold to ultimate customers	71,715,484	943,085	60,107	1,325,155
21	Losses and unaccounted for	8,979,677	103,305	11,035	150,177
22	Total disposed of in Canada	80,695,161	1,046,390	71,142	1,475,332
23	Per cent of total for Canada.....	100.00	1.30	0.09	1.83
	Exported:				
24	To other provinces—Primary .....	...	—	—	13,984
25	Secondary .....	...	—	—	—
26	To United States—Primary	1,019,537	—	—	—
27	Secondary	3,451,730	—	—	—
28	Total exported	4,471,267	—	—	13,984

¹ Many utilities cannot distinguish between domestic and farm as they do not keep separate records.

TABLE 4. Energy Made Available, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours ¹								
1,813,235	44,853,926	33,378,151	3,643,243	2,099,678	3,097,466	12,373,217	184,826	1
1.73	42.88	31.90	3.48	2.01	2.96	11.83	0.18	2
27,986	57,436	5,804,206	762,157	8,104	34,287	—	—	3
151	852	481,462	—	401	617	28,519	—	4
28,137	58,288	6,285,668	762,157	8,505	34,904	28,519	—	5
11	5,692,703	191,510	128,633	586,778	4,977	34,287	—	6
158,621	555,358	3,865,099	36	—	—	1,505	—	7
158,632	6,248,061	4,056,609	128,669	586,778	4,977	35,792	—	8
1,682,740	38,664,153	35,607,210	4,276,731	1,521,405	3,127,393	12,365,944	184,826	9
1.67	38.46	35.42	4.25	1.51	3.11	12.30	0.18	10
422,298	8,043,417	1,731,609	74,991	62,101	261,693	6,033,070	48,410	11
2,047	1,526,840	122,250	—	—	—	166,645	6,576	12
14,043	272,520	161,848	19,434	2,372	58	172,383	2,597	13
438,388	9,842,777	2,015,707	94,425	64,473	261,751	6,372,098	57,583	14
1,244,352	28,821,376	33,591,503	4,182,306	1,456,932	2,865,642	5,993,846	127,243	15
1.54	35.63	41.53	5.17	1.80	3.54	7.41	0.16	16

TABLE 5. Disposal of Energy, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours								
300,825	4,553,174	8,780,654	1,388,330	600,526	787,492	1,963,660	10,201	1
105,702	2,853,128	3,067,538	488,694	277,904	340,339	718,117	14,082	2
720,269	14,920,073	16,933,502	1,364,668	365,076	1,339,800	2,567,011	74,248	3
—	3,649,249	360,639	407,255	—	—	—	19,522	4
14,262	134,409	264,160	39,802	20,536	47,696	63,485	198	5
1,141,058	26,110,033	29,406,493	3,688,749	1,264,042	2,515,327	5,312,273	118,251	6
103,294	2,711,343	4,185,010	493,557	192,890	350,315	681,573	8,992	7
1,244,352	28,821,376	33,591,503	4,182,306	1,456,932	2,865,642	5,993,846	127,243	8
1.54	35.63	41.53	5.17	1.80	3.54	7.41	0.16	9
11	4,220,636	15,948	128,633	586,778	4,977	34,168	—	10
—	1,472,067	175,562	—	—	—	119	—	11
93,050	245,984	722,771	36	—	—	1,477	—	12
65,571	309,374	3,142,328	—	—	—	28	—	13
158,621	6,248,061	4,056,609	128,669	586,778	4,977	35,792	—	14
300,825	4,541,109	8,767,304	1,384,822	599,885	786,969	1,940,085	10,042	15
105,702	2,848,020	3,063,536	487,319	277,822	340,187	709,232	11,190	16
720,269	14,891,613	16,885,850	1,364,603	365,076	1,338,145	2,559,904	68,701	17
—	3,649,249	360,639	407,255	—	—	—	19,522	18
14,262	133,557	263,858	39,723	20,536	47,693	62,435	198	19
1,141,058	26,063,548	29,341,187	3,683,722	1,263,319	2,512,994	5,271,656	109,653	20
103,294	2,710,366	4,174,331	493,399	192,890	350,315	681,573	8,992	21
1,244,352	28,773,914	33,515,518	4,177,121	1,456,209	2,863,309	5,953,229	118,645	22
1.54	35.66	41.53	5.17	1.80	3.55	7.38	0.15	23
11	4,220,636	15,948	128,633	553,072	4,977	34,168	—	24
—	1,472,067	175,562	—	—	—	119	—	25
92,647	245,984	679,393	36	—	—	1,477	—	26
—	309,374	3,142,328	—	—	—	28	—	27
92,658	6,248,061	4,013,231	128,669	553,072	4,977	35,792	—	28

TABLE 5. Disposal of Energy, 1959 - Concluded

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of kilowatt-hours			
	Electric utilities - Concluded:				
	Publicly-operated:				
	To ultimate customers in Canada:				
1	Domestic and farm ¹	13,885,025	—	4,300	117,072
2	Commercial	5,289,660	—	1,800	39,724
3	Power - Excluding deliveries to electric boilers	24,450,893	—	3,208	332,812
4	Deliveries to electric boilers	1,033,459	—	—	—
5	Street lighting	459,413	—	505	4,109
6	Total sold to ultimate customers	45,118,450	—	9,813	483,717
7	Losses and unaccounted for	6,134,669	—	581	46,241
8	Total disposed of in Canada	51,253,119	—	10,394	539,958
9	Per cent of total for Canada	100.00	—	0.02	1.05
	Exported:				
10	To other provinces - Primary .....	...	—	—	—
11	Secondary .....	...	—	—	—
12	To United States - Primary	677,446	—	—	—
13	Secondary	3,357,835	—	—	—
14	Total exported	4,035,281	—	—	—
	Privately-operated:				
	To ultimate customers in Canada:				
15	Domestic and farm ¹	5,067,717	160,272	22,733	317,324
16	Commercial	2,745,798	41,488	18,094	91,344
17	Power - Excluding deliveries to electric boilers	15,154,204	652,018	8,734	414,164
18	Deliveries to electric boilers	3,488,084	84,878	—	—
19	Street lighting	141,231	4,429	733	8,606
20	Total sold to ultimate customers	26,597,034	943,085	50,294	831,438
21	Losses and unaccounted for	2,845,008	103,305	10,454	103,936
22	Total disposed of in Canada	29,442,042	1,046,390	60,748	935,374
23	Per cent of total for Canada	100.00	3.56	0.21	3.18
	Exported:				
24	To other provinces - Primary .....	...	—	—	13,984
25	Secondary .....	...	—	—	—
26	To United States - Primary	342,091	—	—	—
27	Secondary	93,895	—	—	—
28	Total exported	435,986	—	—	13,984
	Industrial establishments:				
	To ultimate customers in Canada:				
29	Domestic and farm ¹	54,369	548	—	—
30	Commercial	22,817	321	—	—
31	Power - Excluding deliveries to electric boilers	93,154	191	—	2,477
32	Deliveries to electric boilers	—	—	—	—
33	Street lighting	2,286	—	—	—
34	Total sold to ultimate customers	172,626	1,060	—	2,477
35	Losses and unaccounted for	11,814	—	—	—
36	Total disposed of in Canada	184,440	1,060	—	2,477
37	Per cent of total for Canada	100.00	0.58	—	1.34
	Exported:				
38	To other provinces - Primary .....	...	41,293	—	—
39	Secondary .....	...	—	—	—
40	To United States - Primary	43,781	—	—	—
41	Secondary	65,571	—	—	—
42	Total exported	109,352	41,293	—	—

¹ Many utilities cannot distinguish between domestic and farm as they do not keep separate records.

TABLE 5. Disposal of Energy, 1959 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours								
239,482	2,177,573	8,584,573	1,363,961	560,281	414,205	421,829	1,749	1
71,416	981,670	3,003,438	481,211	265,618	233,542	205,731	5,510	2
605,311	4,631,064	15,889,093	876,524	323,189	585,369	1,140,508	63,815	3
—	246,043	360,639	407,255	—	—	—	19,522	4
10,959	73,448	258,155	38,256	19,209	36,686	18,053	33	5
927,168	8,109,798	28,095,898	3,167,207	1,168,297	1,269,802	1,786,121	90,629	6
92,396	1,057,795	4,070,209	457,291	174,967	89,620	139,380	6,189	7
1,019,564	9,167,593	32,166,107	3,624,498	1,343,264	1,359,422	1,925,501	96,818	8
1.99	17.89	62.76	7.07	2.62	2.65	3.76	0.19	9
11	1,473,984	15,948	125,506	—	—	—	—	10
—	1,398,192	175,562	—	—	—	119	—	11
41,219	241,056	395,135	36	—	—	—	—	12
—	262,491	3,095,344	—	—	—	—	—	13
41,230	3,375,723	3,681,989	125,542	—	—	119	—	14
61,343	2,363,536	182,731	20,861	39,604	372,764	1,518,256	8,293	15
34,286	1,866,350	60,098	6,108	12,204	106,645	503,501	5,680	16
114,958	10,260,549	996,757	488,079	41,887	752,776	1,419,396	4,886	17
—	3,403,206	—	—	—	—	—	—	18
3,303	60,109	5,703	1,467	1,327	11,007	44,382	165	19
213,890	17,953,750	1,245,289	516,515	95,022	1,243,192	3,485,535	19,024	20
10,898	1,652,571	104,122	36,108	17,923	260,695	542,193	2,803	21
224,788	19,606,321	1,349,411	552,623	112,945	1,503,887	4,027,728	21,827	22
0.76	66.59	4.58	1.88	0.38	5.11	13.68	0.07	23
—	2,746,652	—	3,127	553,072	4,977	34,168	—	24
—	73,875	—	—	—	—	—	—	25
51,428	4,928	284,258	—	—	—	1,477	—	26
—	46,883	46,984	—	—	—	28	—	27
51,428	2,872,338	331,242	3,127	553,072	4,977	35,673	—	28
—	12,065	13,350	3,508	641	523	23,575	159	29
—	5,108	4,002	1,375	82	152	8,885	2,892	30
—	28,460	47,652	65	—	1,655	7,107	5,547	31
—	—	—	—	—	—	—	—	32
—	852	302	79	—	3	1,050	—	33
—	46,485	65,306	5,027	723	2,333	40,617	8,598	34
—	977	10,679	158	—	—	—	—	35
—	47,462	75,985	5,185	723	2,333	40,617	8,598	36
—	25.73	41.20	2.81	0.39	1.27	22.02	4.66	37
—	—	—	—	33,706	—	—	—	38
—	—	—	—	—	—	—	—	39
403	—	43,378	—	—	—	—	—	40
65,571	—	—	—	—	—	—	—	41
65,974	—	43,378	—	33,706	—	—	—	42

TABLE 6. Customers at End of Year, 1959

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
Electric utilities and industrial establishments:					
Ultimate customers in Canada:					
1	Domestic and farm ¹	4,381,564	55,571	16,721	166,393
2	Commercial	528,579	5,795	4,088	20,340
3	Power	103,507	645	263	7,251
4	Street lighting	5,070	22	18	177
5	Total ultimate customers	5,018,720	62,033	21,090	194,161
6	Per cent of total for Canada	100.00	1.24	0.42	3.87
Electric utilities:					
Publicly and privately-operated:					
Ultimate customers in Canada:					
7	Domestic and farm ¹	4,372,340	55,165	16,721	166,393
8	Commercial	527,773	5,783	4,088	20,340
9	Power	103,458	644	263	7,249
10	Street lighting	5,052	22	18	177
11	Total ultimate customers	5,008,623	61,614	21,090	194,159
12	Per cent of total for Canada	100.00	1.23	0.42	3.88
Publicly-operated:					
Ultimate customers in Canada:					
13	Domestic and farm ¹	3,069,321	—	3,101	61,886
14	Commercial	361,925	—	401	8,014
15	Power	66,042	—	81	1,279
16	Street lighting	2,778	—	1	101
17	Total ultimate customers	3,500,066	—	3,584	71,280
18	Per cent of total for Canada	100.00	—	0.10	2.04
Privately-operated:					
Ultimate customers in Canada:					
19	Domestic and farm ¹	1,303,019	55,165	13,620	104,507
20	Commercial	165,848	5,783	3,687	12,326
21	Power	37,416	644	182	5,970
22	Street lighting	2,274	22	17	76
23	Total ultimate customers	1,508,557	61,614	17,506	122,879
24	Per cent of total for Canada	100.00	4.09	1.16	8.15
Industrial establishments:					
Ultimate customers in Canada:					
25	Domestic and farm ¹	9,224	406	—	—
26	Commercial	806	12	—	—
27	Power	49	1	—	2
28	Street lighting	18	—	—	—
29	Total ultimate customers	10,097	419	—	2
30	Per cent of total for Canada	100.00	4.15	—	0.02

¹ Many utilities cannot distinguish between domestic and farm as they do not keep separate records.

TABLE 6. Customers at End of Year, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
128,207	1,175,811	1,710,079	231,662	201,900	275,395	416,251	3,574	1
16,854	138,284	165,489	38,953	33,702	41,969	62,240	865	2
2,372	19,388	26,823	11,264	5,043	21,540	8,747	171	3
227	1,650	761	538	874	545	249	9	4
147,660	1,335,133	1,903,152	282,417	241,519	339,449	487,487	4,619	5
2.94	26.60	37.92	5.63	4.81	6.76	9.72	0.09	6
128,207	1,173,258	1,708,175	231,237	201,819	275,152	412,699	3,514	7
16,854	138,003	165,378	38,915	33,701	41,957	61,890	864	8
2,372	19,369	26,814	11,263	5,043	21,538	8,732	171	9
227	1,643	757	537	874	544	244	9	10
147,660	1,332,273	1,901,124	281,952	241,437	339,191	483,565	4,538	11
2.95	26.60	37.96	5.63	4.82	6.77	9.65	0.09	12
117,577	542,620	1,673,514	227,960	190,904	150,306	100,758	695	13
15,165	66,384	161,611	38,599	32,598	22,140	16,685	328	14
2,119	9,395	26,514	11,209	4,689	8,536	2,213	7	15
217	132	734	535	869	13	171	5	16
135,078	618,531	1,862,373	278,303	229,060	180,995	119,827	1,035	17
3.86	17.67	53.21	7.95	6.55	5.17	3.42	0.03	18
10,630	630,638	34,661	3,277	10,915	124,846	311,941	2,819	19
1,689	71,619	3,767	316	1,103	19,817	45,205	536	20
253	9,974	300	54	354	13,002	6,519	164	21
10	1,511	23	2	5	531	73	4	22
12,582	713,742	38,751	3,649	12,377	158,196	363,738	3,523	23
0.83	47.31	2.57	0.24	0.82	10.49	24.11	0.23	24
—	2,553	1,904	425	81	243	3,552	60	25
—	281	111	38	1	12	350	1	26
—	19	9	1	—	2	15	—	27
—	7	4	1	—	1	5	—	28
—	2,860	2,028	465	82	258	3,922	61	29
—	28.33	20.08	4.61	0.81	2.56	38.84	0.60	30

TABLE 7. Revenue From Sale of Electricity, 1959

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities and industrial establishments:				
	Revenue from ultimate customers in Canada:				
1	Domestic and farm ¹	305,662	3,602	1,288	11,621
2	Commercial	141,518	1,405	752	4,630
3	Power—Excluding deliveries to electric boilers	286,675	4,521	262	8,907
4	Deliveries to electric boilers	7,112	153	—	—
5	Street lighting	14,805	133	60	543
6	Total revenue from ultimate customers	755,772	9,814	2,362	25,701
7	Per cent of total for Canada	100.00	1.30	0.31	3.40
	Revenue from electricity exported:				
8	To other provinces—Primary .....	...	175	—	243
9	Secondary .....	...	—	—	—
10	To United States—Primary	4,977	—	—	—
11	Secondary	8,918	—	—	—
12	Total revenue from exports	13,895	175	—	243
13	Total (Ultimate customers and exports)	769,667	9,989	2,362	25,944
	Electric utilities:				
	Publicly and privately-operated:				
	Revenue from ultimate customers in Canada:				
14	Domestic and farm ¹	304,876	3,582	1,288	11,621
15	Commercial	141,119	1,399	752	4,630
16	Power—Excluding deliveries to electric boilers	286,156	4,515	262	8,895
17	Deliveries to electric boilers	7,107	153	—	—
18	Street lighting	14,774	133	60	543
19	Total revenue from ultimate customers	754,032	9,782	2,362	25,689
20	Per cent of total for Canada	100.00	1.30	0.31	3.41
	Revenue from electricity exported:				
21	To other provinces—Primary .....	...	—	—	243
22	Secondary .....	...	—	—	—
23	To United States—Primary	4,721	—	—	—
24	Secondary	8,565	—	—	—
25	Total revenue from exports	13,286	—	—	243
26	Total (Ultimate customers and exports)	767,318	9,782	2,362	25,932
	Publicly-operated:				
	Revenue from ultimate customers in Canada:				
27	Domestic and farm ¹	206,361	—	231	3,303
28	Commercial	94,140	—	95	1,134
29	Power—Excluding deliveries to electric boilers	182,726	—	56	1,376
30	Deliveries to electric boilers	1,455	—	—	—
31	Street lighting	10,497	—	21	136
32	Total revenue from ultimate customers	495,179	—	403	5,949
33	Per cent of total for Canada	100.00	—	0.08	1.20

¹ Many utilities cannot distinguish between domestic and farm as they do not keep separate records.

TABLE 7. Revenue From Sale of Electricity, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
9,959	67,457	117,629	15,924	18,087	17,990	41,547	558	1
3,297	36,499	46,074	7,508	8,178	11,612	20,770	793	2
6,847	88,149	118,284	9,492	6,529	18,145	23,998	1,541	3
—	5,909	510	475	—	—	—	65	4
552	3,153	5,976	753	774	1,495	1,353	13	5
20,655	201,167	288,473	34,152	33,568	49,242	87,668	2,970	6
2.73	26.62	38.17	4.52	4.44	6.52	11.60	0.39	7
—	12,076	152	177	1,413	54	132	—	8
—	2,276	274	—	—	—	2	—	9
799	463	3,688	1	—	—	26	—	10
353	861	7,702	—	—	—	2	—	11
1,152	15,676	11,816	178	1,413	54	162	—	12
21,807	216,843	300,289	34,330	34,981	49,296	87,830	2,970	13
9,959	67,235	117,463	15,894	18,082	17,972	41,230	550	14
3,297	36,386	46,013	7,498	8,177	11,607	20,610	750	15
6,847	87,942	118,105	9,491	6,529	18,120	23,914	1,536	16
—	5,904	510	475	—	—	—	65	17
552	3,146	5,975	753	774	1,495	1,330	13	18
20,655	200,613	288,066	34,111	33,562	49,194	87,084	2,914	19
2.74	26.61	38.20	4.52	4.45	6.52	11.55	0.39	20
—	12,076	152	177	1,413	54	132	—	21
—	2,276	274	—	—	—	2	—	22
795	463	3,436	1	—	—	26	—	23
—	861	7,702	—	—	—	2	—	24
795	15,676	11,564	178	1,413	54	162	—	25
21,450	216,289	299,630	34,289	34,975	49,248	87,246	2,914	26
8,157	28,670	115,026	15,547	17,222	8,487	9,604	114	27
2,224	18,045	44,970	7,375	7,811	6,544	5,542	400	28
5,906	31,910	112,571	8,369	5,938	7,240	8,107	1,253	29
—	405	510	475	—	—	—	65	30
401	1,231	5,848	740	738	982	398	2	31
16,688	80,261	278,925	32,506	31,709	23,253	23,651	1,834	32
3.37	16.21	56.33	6.56	6.40	4.70	4.78	0.37	33

TABLE 7. Revenue From Sale of Electricity, 1959 - Concluded

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities - Concluded:				
	Publicly-operated - Concluded:				
	Revenue from electricity exported:				
1	To other provinces - Primary .....	...	-	-	-
2	Secondary .....	...	-	-	-
3	To United States - Primary	2,481	-	-	-
4	Secondary	8,375	-	-	-
5	Total revenue from exports	10,856	-	-	-
6	Total (Ultimate customers and exports)	506,035	-	403	5,949
	Privately-operated:				
	Revenue from ultimate customers in Canada:				
7	Domestic and farm ¹	98,515	3,582	1,057	8,318
8	Commercial	46,979	1,399	657	3,496
9	Power - Excluding deliveries to electric boilers	103,430	4,515	206	7,519
10	Deliveries to electric boilers	5,652	153	-	-
11	Street lighting	4,277	133	39	407
12	Total revenue from ultimate customers	258,853	9,782	1,959	19,740
13	Per cent of total for Canada	100.00	3.78	0.76	7.63
	Revenue from electricity exported:				
14	To other provinces - Primary .....	...	-	-	243
15	Secondary .....	...	-	-	-
16	To United States - Primary	2,240	-	-	-
17	Secondary	190	-	-	-
18	Total revenue from exports	2,430	-	-	243
19	Total (Ultimate customers and exports)	261,283	9,782	1,959	19,983
	Industrial establishments:				
	Revenue from ultimate customers in Canada:				
20	Domestic and farm ¹	786	20	-	-
21	Commercial	399	6	-	-
22	Power - Excluding deliveries to electric boilers ..	519	6	-	12
23	Deliveries to electric boilers	5	-	-	-
24	Street lighting	31	-	-	-
25	Total revenue from ultimate customers	1,740	32	-	12
26	Per cent of total for Canada	100.00	1.84	-	0.69
	Revenue from electricity exported:				
27	To other provinces - Primary .....	...	175	-	-
28	Secondary .....	...	-	-	-
29	To United States - Primary	256	-	-	-
30	Secondary	353	-	-	-
31	Total revenue from exports	609	175	-	-
32	Total (Ultimate customers and exports)	2,349	207	-	12

¹ Many utilities cannot distinguish between domestic and farm as they do not keep separate records.

TABLE 7. Revenue From Sale of Electricity, 1959 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
—	3,526	152	131	—	—	—	—	1
—	2,189	274	—	—	—	2	—	2
309	393	1,778	1	—	—	—	—	3
—	673	7,702	—	—	—	—	—	4
309	6,781	9,906	132	—	—	2	—	5
16,997	87,042	288,831	32,638	31,709	23,253	23,653	1,834	6
1,802	38,565	2,437	347	860	9,485	31,626	436	7
1,073	18,341	1,043	123	366	5,063	15,068	350	8
941	56,032	5,534	1,122	591	10,880	15,807	283	9
—	5,499	—	—	—	—	—	—	10
151	1,915	127	13	36	513	932	11	11
3,967	120,352	9,141	1,605	1,853	25,941	63,433	1,080	12
1.53	46.49	3.53	0.62	0.72	10.02	24.50	0.42	13
—	8,550	—	46	1,413	54	132	—	14
—	87	—	—	—	—	—	—	15
486	70	1,658	—	—	—	26	—	16
—	188	—	—	—	—	2	—	17
486	8,895	1,658	46	1,413	54	160	—	18
4,453	129,247	10,799	1,651	3,266	25,995	63,593	1,080	19
—	222	166	30	5	18	317	8	20
—	113	61	10	1	5	160	43	21
—	207	179	1	—	25	84	5	22
—	5	—	—	—	—	—	—	23
—	7	1	—	—	—	23	—	24
—	554	407	41	6	48	584	56	25
—	31.84	23.39	2.36	0.34	2.76	33.56	3.22	26
—	—	—	—	—	—	—	—	27
—	—	—	—	—	—	—	—	28
4	—	252	—	—	—	—	—	29
353	—	—	—	—	—	—	—	30
357	—	252	—	—	—	—	—	31
357	554	659	41	6	48	584	56	32

TABLE 8. Domestic and Farm Service, 1939-59¹

No.			Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities and industrial establishments:					
	Customers:					
1	1939.....	No.	1,623,672	..	5,067	62,034
2	1945.....	"	1,987,360	..	6,387	84,011
3	1949.....	"	2,619,831	28,725	8,966	107,516
4	1958.....	"	4,188,946	53,614	16,059	163,481
5	1959.....	"	4,381,564	55,571	16,721	166,393
	Kilowatt-hours sold:					
6	1939.....	'000 kwh.	2,310,891	..	2,908	39,084
7	1945.....	"	3,365,497	..	5,217	70,099
8	1949.....	"	5,678,847	31,906	9,433	127,666
9	1958.....	"	17,290,984	138,766	23,103	385,465
10	1959.....	"	19,007,111	160,820	27,033	434,396
	Revenue received:					
11	1939.....	\$'000	43,793	..	163	1,709
12	1945.....	"	55,736	..	239	2,286
13	1949.....	"	90,303	759	507	3,975
14	1958.....	"	278,531	3,424	1,154	10,351
15	1959.....	"	305,662	3,602	1,288	11,621
	Kilowatt-hours per customer:					
16	1939.....	kwh.	1,423	..	574	630
17	1945.....	"	1,693	..	817	834
18	1949.....	"	2,168	1,111	1,052	1,187
19	1958.....	"	4,128	2,588	1,439	2,358
20	1959.....	"	4,338	2,894	1,617	2,611
	Average annual bill:					
21	1939.....	\$	26.97	..	32.21	27.56
22	1945.....	\$	28.05	..	37.35	27.21
23	1949.....	\$	34.47	26.44	56.54	36.97
24	1958.....	\$	66.49	63.86	71.86	63.32
25	1959.....	\$	69.76	64.82	77.03	69.84
	Revenue per kilowatt-hour:					
26	1939.....	cents	1.90	..	5.61	4.37
27	1945.....	"	1.66	..	4.57	3.26
28	1949.....	"	1.59	2.38	5.37	3.11
29	1958.....	"	1.61	2.47	5.00	2.69
30	1959.....	"	1.61	2.24	4.76	2.68
	Farm service, 1959:¹					
31	Customers.....	No.	482,907	1,860	8,469	27,695
32	Kilowatt-hours sold.....	'000 kwh.	1,973,018	3,123	11,519	32,779
33	Revenue received.....	\$'000	44,933	135	666	1,325
34	Kilowatt-hours per customer.....	No.	4,086	1,679	1,360	1,184
35	Average annual bill.....	\$	93.05	72.53	78.64	47.84
36	Revenue per kilowatt-hour.....	cents	2.28	4.32	5.78	4.04

¹ Many utilities cannot distinguish between domestic and farm as they do not keep separate records. At the bottom of the page, however, farm figures are tabulated as reported.

TABLE 8. Domestic and Farm Service, 1939-59¹

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
46,485	434,825	719,871	81,091	49,980	68,267	156,052	..	1
62,175	558,865	839,968	94,673	61,285	87,005	192,991	..	2
87,827	741,941	1,036,705	131,284	87,987	121,440	265,835	1,605	3
129,365	1,124,134	1,634,830	218,870	191,072	255,164	399,343	3,014	4
128,207	1,175,811	1,710,079	231,662	201,900	275,395	416,251	3,574	5
26,989	311,420	1,374,325	320,827	41,198	42,210	151,930	..	6
45,958	507,274	1,963,043	416,499	58,402	63,962	235,043	..	7
87,846	999,216	3,076,688	616,272	105,522	130,328	491,897	2,073	8
253,273	4,017,294	8,189,413	1,337,932	515,158	646,048	1,775,996	8,536	9
300,825	4,553,174	8,780,654	1,388,330	600,526	787,492	1,963,660	10,201	10
1,308	9,167	19,658	3,312	2,004	2,145	4,327	..	11
1,883	11,926	23,699	4,238	2,566	2,932	5,967	..	12
3,348	20,380	34,813	6,811	4,172	4,614	10,799	125	13
8,753	61,262	110,712	14,141	15,864	15,484	36,911	475	14
9,959	67,457	117,629	15,924	18,087	17,990	41,547	558	15
581	716	1,909	3,956	824	618	974	..	16
739	908	2,337	4,399	953	735	1,218	..	17
1,000	1,347	2,968	4,694	1,199	1,073	1,850	1,292	18
1,958	3,574	5,009	6,113	2,696	2,532	4,447	2,832	19
2,346	3,872	5,135	5,993	2,974	2,859	4,717	2,854	20
28.13	21.08	27.31	40.84	40.10	31.42	27.73	..	21
30.29	21.34	28.21	44.76	41.87	33.70	30.92	..	22
38.12	27.47	33.58	51.88	47.41	38.00	40.62	77.65	23
67.66	54.50	67.72	64.61	83.03	60.68	92.43	157.60	24
77.68	57.37	68.79	68.74	89.58	65.32	99.81	156.13	25
4.85	2.94	1.43	1.03	4.87	5.08	2.85	..	26
4.10	2.35	1.21	1.02	4.39	4.59	2.54	..	27
3.81	2.04	1.13	1.11	3.95	3.54	2.20	6.01	28
3.46	1.53	1.35	1.06	3.08	2.40	2.08	5.56	29
3.31	1.48	1.34	1.15	3.01	2.28	2.12	5.47	30
30,783	106,581	143,626	39,027	55,424	46,258	23,184	..	31
58,345	305,791	813,362	209,420	176,259	182,999	179,421	..	32
2,182	6,598	16,731	3,816	6,519	4,054	2,907	..	33
1,895	2,869	5,663	5,366	3,180	3,956	7,739	..	34
70.88	61.91	116.49	97.78	117.62	87.64	125.39	..	35
3.74	2.16	2.06	1.82	3.70	2.22	1.62	..	36

TABLE 9. Pole Line Mileage at End of Year, 1959

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
	Electric utilities – Publicly and privately-operated:				
1	Steel – Towers	11,417	66	—	21
2	Poles	221	47	—	1
3	Aluminum – Towers	1	—	—	—
4	Poles	1	—	—	—
5	Wood pole – Transmission	42,677	448	78	1,752
6	Distribution	251,073	1,964	1,590	9,094
77	Concrete pole	633	—	—	—
8	Cable (under ground and – Under 69 kv. submarine)	4,535	10	—	35
9	69 kv. and over	256	—	—	—
10	Other	26	—	—	—
11	Total pole line mileage	310,840	2,535	1,668	10,903
12	Per cent of total for Canada	100.00	0.82	0.54	3.51

TABLE 10. Circuit Mileage of Electric Line at End of Year, 1959

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
	Electric utilities – Publicly and privately-operated:				
1	20,000- 49,999 volts	28,464	1,536	78	910
2	50,000- 99,999 "	17,720	312	—	789
3	100,000-149,999 "	14,497	—	—	34
4	150,000-199,999 "	544	—	—	—
5	200,000-249,999 "	5,426	—	—	—
6	250,000-299,999 "	—	—	—	—
7	300,000-349,999 "	2,094	—	—	—
8	350,000 volts and over	204	—	—	—
9	Total circuit mileage¹	62,949	1,848	78	1,733
10	Per cent of total for Canada	100.00	2.94	0.12	2.75

¹ Includes all circuits, overhead or underground, of 22,000 volts and over whether described as transmission or distribution.

TABLE 11. Transformers With High Voltage Rating of 15 Kilovolts or Over at End of Year, 1959

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
	Electric utilities – Publicly and privately-operated:				
1	Number	71,092	167	7	674
2	Total kva.	61,980,833	416,098	15,000	1,299,340

TABLE 9. Pole Line Mileage at End of Year, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
373	3,433	5,602	1,234	16	49	623	—	1
1	67	82	3	20	—	—	—	2
—	—	1	—	—	—	—	—	3
—	—	1	—	—	—	—	—	4
1,166	4,422	9,270	3,951	9,476	9,328	2,632	154	5
8,182	34,355	58,234	29,958	54,917	39,996	12,676	107	6
12	5	610	—	1	4	1	—	7
5	1,460	2,029	156	61	389	390	—	8
—	57	26	—	4	8	161	—	9
—	—	26	—	—	—	—	—	10
9,739	43,799	75,881	35,302	64,495	49,774	16,483	261	11
3.13	14.09	24.41	11.36	20.75	16.01	5.30	0.06	12

TABLE 10. Circuit Mileage of Electric Line at End of Year, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
137	3,342	6,771	1,846	7,140	6,416	283	5	1
1,078	1,789	219	1,611	1,402	1,968	2,520	32	2
262	2,426	6,765	1,770	946	1,230	964	100	3
—	544	—	—	—	—	—	—	4
—	1,071	4,088	—	—	—	267	—	5
—	—	—	—	—	—	—	—	6
—	2,094	—	—	—	—	—	—	7
—	—	—	1	—	—	203	—	8
1,477	11,266	17,843	5,228	9,488	9,614	4,237	137	9
2.35	17.90	28.34	8.31	15.07	15.27	6.73	0.22	10

TABLE 11. Transformers With High Voltage Rating of 15 Kilovolts or Over at End of Year, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
233	1,742	6,487	1,050	55,831	2,901	1,994	6	1
644,950	16,879,282	31,349,557	2,972,221	1,361,685	1,872,247	5,167,128	3,325	2

TABLE 12. Fuel Used to Generate Electricity, 1959

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities – Publicly and privately-operated:				
	Quantity of fuel:				
	Coal:				
1	Bituminous – Canadian short ton	569,007	—	—	426,057
2	Imported “	195,823	—	—	—
3	Sub-bituminous “	278,871	—	—	—
4	Saskatchewan lignite “	375,390	—	—	—
5	Other “	31	—	—	—
6	Total coal “	1,419,122	—	—	426,057
	Petroleum fuels:				
7	Furnace fuel oil – Light Imp. gallon	657,621	—	—	183,067
8	Heavy “	51,349,501	2,669,415	5,904,188	8,698,681
9	Diesel fuel oil “	10,636,880	401,435	398,018	160,430
10	Other “	—	—	—	—
11	Total petroleum fuels “	62,644,002	3,070,850	6,302,206	9,042,178
	Gas:				
12	Natural M cu. ft.	37,807,592	—	—	—
13	Manufactured “	—	—	—	—
14	Total gas “	37,807,592	—	—	—
15	Other fuels “	—	—	—	—
	Cost of fuel:				
	Coal:				
16	Bituminous – Canadian \$	5,916,047	—	—	4,484,380
17	Imported \$	1,688,222	—	—	—
18	Sub-bituminous \$	754,829	—	—	—
19	Saskatchewan lignite \$	727,965	—	—	—
20	Other \$	108	—	—	—
21	Total coal \$	9,087,171	—	—	4,484,380
	Petroleum fuels:				
22	Furnace fuel oil – Light \$	96,115	—	—	28,916
23	Heavy \$	3,122,625	183,149	359,445	566,258
24	Diesel fuel oil \$	2,021,475	77,676	71,702	28,700
25	Other \$	—	—	—	—
26	Total petroleum fuels \$	5,240,215	260,825	431,147	623,874
	Gas:				
27	Natural \$	4,957,671	—	—	—
28	Manufactured \$	—	—	—	—
29	Total gas \$	4,957,671	—	—	—
30	Other fuels \$	—	—	—	—
31	Total all fuels \$	19,285,057	260,825	431,147	5,108,254
32	Per cent of total for Canada	100.00	1.35	2.24	26.49

TABLE 12. Fuel Used to Generate Electricity, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
140,971	-	-	280	-	1,673	26	-	1
-	-	195,823	-	-	-	-	-	2
-	-	-	-	93,521	185,350	-	-	3
-	-	-	33,800	341,590	-	-	-	4
-	-	-	-	31	-	-	-	5
140,971	-	195,823	34,080	435,142	187,023	26	-	6
104,717	-	338,637	15,927	-	7,273	-	8,000	7
2,267,522	-	-	-	30,457,223	470,144	310,828	571,500	8
584,969	2,072,851	422,316	426,715	819,576	505,652	4,558,607	286,311	9
-	-	-	-	-	-	-	-	10
2,957,208	2,072,851	760,953	442,642	31,276,799	983,069	4,869,435	865,811	11
-	-	64,266	364,680	10,768,447	25,156,378	1,453,821	-	12
-	-	-	-	-	-	-	-	13
-	-	64,266	364,680	10,768,447	25,156,378	1,453,821	-	14
-	-	-	-	-	-	-	-	15
1,418,041	-	-	3,520	-	9,787	319	-	16
-	-	1,688,222	-	-	-	-	-	17
-	-	-	-	523,250	231,579	-	-	18
-	-	-	157,230	570,735	-	-	-	19
-	-	-	-	108	-	-	-	20
1,418,041	-	1,688,222	160,750	1,094,093	241,366	319	-	21
18,166	-	43,925	2,622	-	1,236	-	1,250	22
180,365	-	-	-	1,647,567	21,183	39,481	125,177	23
108,128	399,585	98,226	77,153	136,833	97,614	845,202	80,656	24
-	-	-	-	-	-	-	-	25
306,659	399,585	142,151	79,775	1,784,400	120,033	884,683	207,083	26
-	-	23,047	114,532	1,480,636	2,991,350	348,106	-	27
-	-	-	-	-	-	-	-	28
-	-	23,047	114,532	1,480,636	2,991,350	348,106	-	29
-	-	-	-	-	-	-	-	30
1,724,700	399,585	1,853,420	355,057	4,359,129	3,352,749	1,233,108	207,083	31
8.94	2.07	9.61	1.84	22.60	17.39	6.40	1.07	32

TABLE 12. Fuel Used to Generate Electricity, 1959 - Concluded

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities - Publicly and privately-operated - Concluded:				
	Average B.t.u. content of fuel:				
	Coal:				
1	Bituminous - Canadian per pound	12,044	-	-	12,178
2	Imported "	12,168	-	-	-
3	Sub-bituminous "	9,098	-	-	-
4	Saskatchewan lignite "	6,631	-	-	-
5	Other "	8,300	-	-	-
	Petroleum fuels:				
6	Furnace fuel oil - Light per Imp. gal.	169,951	-	-	178,359
7	Heavy "	180,094	176,900	183,000	180,834
8	Diesel fuel oil "	165,823	165,946	162,910	168,409
9	Other "	-	-	-	-
	Gas:				
10	Natural per stand. cu ft. ¹	1,011	-	-	-
11	Manufactured "	-	-	-	-
	Energy generated: ²				
	By coal:				
12	Bituminous - Canadian '000 kwh.	945,432	-	-	728,280
13	Imported "	336,679	-	-	-
14	Sub-bituminous "	305,271	-	-	-
15	Saskatchewan lignite "	305,221	-	-	-
16	Other "	500	-	-	-
17	Total coal "	1,893,103	-	-	728,280
	By petroleum fuels:				
18	Furnace fuel oil - Light "	3,110	-	-	1,672
19	Heavy "	586,693	30,313	65,631	120,579
20	Diesel fuel oil "	145,081	5,352	5,171	2,157
21	Other "	-	-	-	-
22	Total petroleum fuels "	734,884	35,665	70,802	124,408
	By gas:				
23	Natural "	2,653,153	-	-	-
24	Manufactured "	-	-	-	-
25	Total gas "	2,653,153	-	-	-
26	By other fuels "	-	-	-	-
27	Total all fuels "	5,281,140	35,665	70,802	852,688
28	Per cent of total for Canada	100.00	0.67	1.34	16.15

¹ Standard cubic foot - 760 mm. mercury, 60° F.

TABLE 12. Fuel Used to Generate Electricity, 1959 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
11,638	-	-	12,800	-	12,000	12,440	-	1
-	-	12,168	-	-	-	-	-	2
-	-	-	-	8,300	9,500	-	-	3
-	-	-	7,201	6,575	-	-	-	4
-	-	-	-	8,300	-	-	-	5
166,000	-	168,438	165,840	-	165,000	-	160,000	6
183,320	-	-	-	179,654	185,400	-	160,000	7
166,117	163,801	164,864	167,299	169,500	167,418	166,461	167,042	8
-	-	-	-	-	-	-	-	9
-	-	1,000	1,024	1,003	1,015	-	-	10
-	-	-	-	-	-	-	-	11
216,599	-	-	23	-	529	1	-	12
-	-	336,679	-	-	-	-	-	13
-	-	-	-	103,260	202,011	-	-	14
-	-	-	32,321	272,900	-	-	-	15
-	-	-	-	500	-	-	-	16
216,599	-	336,679	32,344	376,660	202,540	1	-	17
1,148	-	-	86	-	16	-	188	18
30,787	-	-	-	325,211	5,809	-	8,363	19
6,819	29,532	5,034	6,287	10,601	7,164	63,823	3,141	20
-	-	-	-	-	-	-	-	21
38,754	29,532	5,034	6,373	335,812	12,989	63,823	11,692	22
-	-	6,196	19,279	723,853	1,772,258	131,567	-	23
-	-	-	-	-	-	-	-	24
-	-	6,196	19,279	723,853	1,772,258	131,567	-	25
-	-	-	-	-	-	-	-	26
255,353	29,532	347,909	57,996	1,436,325	1,987,787	195,391	11,692	27
4.83	0.56	6.59	1.10	27.20	37.64	3.70	0.22	28

¹ Net output after deducting station service.

In Table 609 for
Public Const. W. & S.

(8 Thousands)

TABLE 13. Employees, Wages, and Salaries, 1959

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
Electric utilities – Publicly and privately-operated:					
Employees (excluding construction employees):					
1	Administrative	No. 17,010	167	21	562
2	Operating	" 22,430	424	156	1,021
3	Total employees	" 39,440	591	177	1,583
4	Per cent of total for Canada	100.00	1.50	0.45	4.01
Wages and salaries (excluding construction employees):					
5	Administrative	\$'000 82,014	484	111	2,178
6	Operating	" 100,775	1,399	452	3,762
7	Total wages and salaries	" 182,789	1,883	563	5,940
8	Per cent of total for Canada	100.00	1.03	0.31	3.25
Publicly-operated:					
Employees (excluding construction employees):					
9	Administrative	No. 12,252	—	8	203
10	Operating	" 16,433	—	16	421
11	Total employees	" 28,685	—	24	624
12	Per cent of total for Canada	100.00	—	0.08	2.18
Wages and salaries (excluding construction employees):					
13	Administrative	\$'000 58,578	—	24	799
14	Operating	" 74,927	—	40	1,288
15	Total wages and salaries	" 133,505	—	64	2,087
16	Per cent of total for Canada	100.00	—	0.05	1.56
Privately-operated:					
Employees (excluding construction employees):					
17	Administrative	No. 4,758	167	13	359
18	Operating	" 5,997	424	140	600
19	Total employees	" 10,755	591	153	959
20	Per cent of total for Canada	100.00	5.49	1.42	8.92
Wages and salaries (excluding construction employees):					
21	Administrative	\$'000 23,436	484	87	1,379
22	Operating	" 25,848	1,399	412	2,474
23	Total wages and salaries	" 49,284	1,883	499	3,853
24	Per cent of total for Canada	100.00	3.82	1.01	7.82

TABLE 13. Employees, Wages, and Salaries, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
437	4,875	7,342	894	707	697	1,250	58	1
757	4,880	9,218	1,630	1,680	1,259	1,309	96	2
1,194	9,755	16,560	2,524	2,387	1,956	2,559	154	3
3.03	24.73	41.99	6.40	6.05	4.96	6.49	0.39	4
1,709	21,923	37,880	3,814	3,227	3,199	7,206	283	5
2,495	20,211	44,835	6,535	7,610	5,873	7,165	438	6
4,204	42,134	82,715	10,349	10,837	9,072	14,371	721	7
2.30	23.05	45.25	5.66	5.93	4.96	7.86	0.40	8
397	2,369	7,216	891	678	277	166	47	9
684	2,000	8,931	1,630	1,547	573	566	65	10
1,081	4,369	16,147	2,521	2,225	850	732	112	11
3.77	15.23	56.29	8.79	7.76	2.96	2.55	0.39	12
1,539	9,710	37,215	3,802	3,065	1,188	1,010	226	13
2,184	8,330	43,444	6,535	7,002	2,812	3,021	271	14
3,723	18,040	80,659	10,337	10,067	4,000	4,031	497	15
2.79	13.51	60.42	7.74	7.54	3.00	3.02	0.37	16
40	2,506	126	3	29	420	1,084	11	17
73	2,880	287	—	133	686	743	31	18
113	5,386	413	3	162	1,106	1,827	42	19
1.05	50.08	3.84	0.03	1.51	10.28	16.99	0.39	20
170	12,213	665	12	162	2,011	6,196	57	21
311	11,881	1,391	—	608	3,061	4,144	167	22
481	24,094	2,056	12	770	5,072	10,340	224	23
0.98	48.89	4.17	0.02	1.56	10.29	20.98	0.46	24

TABLE 14. Assets and Liabilities at End of Year, 1959

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities — Publicly and privately-operated:				
	Assets:				
	Fixed assets:				
	Electric utility (at original cost):				
1	Generating plant	3,468,408	70,350	3,738	71,476
2	Transmission	1,329,664	2,644	814	24,439
3	Distribution	1,447,317	15,519	1,956	43,980
4	Other property and equipment	325,347	3,984	2,818	21,746
5	Total	6,570,736	92,497	9,326	161,641
6	Accumulated depreciation	1,083,170	11,531	1,671	25,603
7	Total, less depreciation	5,487,566	80,966	7,655	136,038
8	Other fixed assets, less depreciation	261,031	—	528	2,237
9	Total fixed assets	5,748,597	80,966	8,183	138,275
	Current assets:				
10	Cash on hand and in banks	30,055	384	98	97
11	Temporary investments	155,381	301	45	3,440
12	Accounts receivable (net)	121,178	1,289	447	3,440
13	Inventories	85,030	1,228	264	2,602
14	Other	17,127	33	57	349
15	Total current assets	408,771	3,235	911	9,928
	Investments:				
16	In associated companies	50,586	1,850	—	3,484
17	Reserve fund investments	263,340	—	—	10,077
18	Other	18,464	120	—	353
19	Total investments	332,390	1,970	—	13,914
20	Deferred charges and prepaid expenses	263,716	93	70	491
21	Other assets	56,283	1,067	194	1,463
22	Total assets	6,809,757	87,331	9,358	164,071
	Liabilities:				
23	Long-term debt	4,213,792	41,782	2,642	88,206
	Current liabilities:				
24	Accounts payable and accrued liabilities	155,362	4,345	537	6,548
25	Loans and notes payable	84,527	5,146	935	2,783
26	Other	89,251	247	245	813
27	Total current liabilities	329,140	9,738	1,717	10,144
28	Reserves	602,913	100	416	20,411
29	Deferred credits and other liabilities	125,689	1,631	991	2,746
	Capital and surplus:				
30	Share capital	683,335	26,414	785	25,239
31	Surplus — Capital	54,418	2,529	704	4,077
32	Earned	800,470	5,137	2,103	13,248
33	Total capital and surplus	1,538,223	34,080	3,592	42,564
34	Total liabilities	6,809,757	87,331	9,358	164,071

TABLE 14. Assets and Liabilities at End of Year, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
75,823	1,072,040	1,446,451	135,673	82,701	98,184	397,607	14,365	1
23,900	350,297	637,197	31,339	59,409	58,582	138,586	2,457	2
37,511	360,556	514,881	93,058	78,301	67,343	233,489	723	3
2,733	77,047	104,383	30,928	8,362	12,805	59,149	1,392	4
139,967	1,859,940	2,702,912	290,998	228,773	236,914	828,831	18,937	5
22,891	402,747	359,678	53,095	52,522	49,723	99,833	3,876	6
117,076	1,457,193	2,343,234	237,903	176,251	187,191	728,998	15,061	7
5,052	34,390	23,556	36,253	27,233	4,940	107,489	19,353	8
122,128	1,491,583	2,366,790	274,156	203,484	192,131	836,487	34,414	9
887	5,785	12,355	3,909	672	1,307	1,559	3,002	10
10,703	57,170	41,219	3,727	7,334	1,852	29,589	1	11
5,159	27,413	48,308	5,097	7,119	4,733	16,837	1,336	12
1,828	14,780	37,693	2,175	8,447	4,976	10,684	353	13
134	7,278	4,494	941	565	386	2,890	—	14
18,711	112,426	144,069	15,849	24,137	13,254	61,559	4,692	15
26	41,217	—	5	57	3,802	15	130	16
1,067	1,439	227,289	21,981	—	968	20	499	17
3	12,011	149	2,927	710	781	1,410	—	18
1,096	54,667	227,438	24,913	767	5,551	1,445	629	19
3,780	4,103	234,091	979	243	789	19,061	16	20
13	16,853	4,359	87	18,054	1,135	12,802	256	21
145,728	1,679,632	2,976,747	315,984	246,685	212,860	931,354	40,007	22
106,615	974,406	1,881,658	238,071	183,968	100,387	560,590	35,467	23
5,541	39,621	39,166	5,978	4,738	11,447	36,050	1,391	24
22,152	4,462	2,780	6,077	473	4,808	34,581	330	25
19	13,940	25,891	38,150	3,212	4,230	2,248	256	26
27,712	58,023	67,837	50,205	8,423	20,485	72,879	1,977	27
4,092	273,352	250,688	17,318	962	27,227	7,320	1,027	28
402	30,640	7,976	149	34,256	8,623	38,231	44	29
2,689	254,677	126,524	31	1,776	27,263	217,882	55	30
2,300	7,144	15,754	4,788	10,950	728	5,069	375	31
1,918	81,390	626,310	5,422	6,350	28,147	29,383	1,062	32
6,907	343,211	768,588	10,241	19,076	56,138	252,334	1,492	33
145,728	1,679,632	2,976,747	315,984	246,685	212,860	931,354	40,007	34

TABLE 14. Assets and Liabilities at End of Year, 1959 — Continued

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities — Publicly-operated:				
	Assets:				
	Fixed assets:				
	Electric utility (at original cost):				
1	Generating plant	2,483,760	—	462	36,704
2	Transmission	1,007,603	—	124	8,118
3	Distributor	986,462	—	337	18,895
4	Other property and equipment	179,223	—	71	1,256
5	Total	4,657,048	—	994	64,973
6	Accumulated depreciation	661,239	—	—	1,665
7	Total, less depreciation	3,995,809	—	994	63,308
8	Other fixed assets, less depreciation	125,850	—	265	441
9	Total fixed assets	4,121,659	—	1,259	63,749
	Current assets:				
10	Cash on hand and in banks	22,904	—	—	317
11	Temporary investments	110,466	—	—	188
12	Accounts receivable (net)	76,575	—	64	1,502
13	Inventories	64,092	—	19	843
14	Other	13,174	—	56	302
15	Total current assets	287,211	—	139	3,152
	Inventories:				
16	In associated companies	3	—	—	—
17	Reserve fund investments	262,152	—	—	9,995
18	Other	11,907	—	—	307
19	Total investments	274,062	—	—	10,302
20	Deferred charges and prepaid expenses	245,171	—	—	122
21	Other assets	41,868	—	164	65
22	Total assets	4,969,971	—	1,562	77,390
	Liabilities:				
23	Long-term debt	3,326,345	—	246	48,242
	Current liabilities:				
24	Accounts payable and accrued liabilities	77,449	—	24	2,826
25	Loans and notes payable	58,343	—	35	2,289
26	Other	79,038	—	80	394
27	Total current liabilities	214,830	—	139	5,509
28	Reserves	590,757	—	398	18,013
29	Deferred credits and other liabilities	53,642	—	75	265
	Capital and surplus:				
30	Share capital	116,613	—	—	—
31	Surplus — Capital	36,974	—	704	3,119
32	Earned	630,810	—	—	2,242
33	Total capital and surplus	784,397	—	704	5,361
34	Total liabilities	4,969,971	—	1,562	77,390

TABLE 14. Assets and Liabilities at End of Year, 1959 — Continued

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
74,096	587,814	1,406,993	135,673	64,072	20,187	144,246	13,513	1
23,440	212,279	627,685	31,339	58,196	11,084	32,917	2,421	2
35,623	188,945	506,830	92,706	76,119	29,903	37,104	—	3
1,887	27,918	99,981	30,803	7,417	2,644	6,035	1,211	4
135,046	1,016,956	2,641,489	290,521	205,804	63,818	220,302	17,145	5
21,360	159,237	341,894	52,894	38,621	19,234	22,819	3,515	6
113,686	857,719	2,299,595	237,627	167,183	44,584	197,483	13,630	7
5,052	15,537	12,810	36,253	27,233	4,585	4,354	19,320	8
118,738	873,256	2,312,405	273,880	194,416	49,169	201,837	32,950	9
753	1,095	11,872	3,902	648	843	582	2,892	10
10,703	47,517	40,833	3,727	6,948	550	—	—	11
3,536	9,935	45,206	5,051	6,982	1,119	2,116	1,064	12
1,789	8,433	37,320	2,175	8,092	2,775	2,315	331	13
134	6,396	4,444	941	565	334	2	—	14
16,915	73,376	139,675	15,796	23,235	5,621	5,015	4,287	15
—	3	—	—	—	—	—	—	16
1,067	427	227,215	21,981	—	968	—	499	17
3	7,431	—	2,926	710	530	—	—	18
1,070	7,861	227,215	24,907	710	1,498	—	499	19
3,774	674	233,339	979	215	—	6,056	12	20
13	6,733	4,148	87	18,050	—	12,352	256	21
140,510	961,900	2,916,782	315,649	236,626	56,288	225,260	38,004	22
105,591	651,619	1,856,669	238,071	181,505	26,361	182,983	35,058	23
5,312	14,014	37,373	5,951	4,367	2,762	3,667	1,153	24
22,152	1,221	826	6,077	383	8	25,352	—	25
11	9,732	25,789	37,935	2,154	1,444	1,243	256	26
27,475	24,967	63,988	49,963	6,904	4,214	30,262	1,409	27
3,987	269,933	250,675	17,318	845	24,000	4,561	1,027	28
400	9,179	6,736	87	33,895	939	2,066	—	29
—	834	115,263	—	205	1	310	—	30
1,846	4,740	5,887	4,788	10,897	12	4,981	—	31
1,211	628	617,564	5,422	2,375	761	97	510	32
3,057	6,202	738,714	10,210	13,477	774	5,388	510	33
140,510	961,900	2,916,782	315,649	236,626	56,288	225,260	38,004	34

TABLE 14. Assets and Liabilities at End of Year, 1959 — Concluded

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities — Privately-operated:				
	Assets:				
	Fixed Assets:				
	Electric utility (at original cost):				
1	Generating plant	984,648	70,350	3,276	34,772
2	Transmission	322,061	2,644	690	16,321
3	Distribution	460,855	15,519	1,619	25,085
4	Other property and equipment	146,124	3,984	2,747	20,490
5	Total	1,913,688	92,497	8,332	96,668
6	Accumulated depreciation	421,931	11,531	1,671	23,938
7	Total, less depreciation	1,491,757	80,966	6,661	72,730
8	Other fixed assets, less depreciation	135,181	—	263	1,796
9	Total fixed assets	1,626,938	80,966	6,924	74,526
	Current assets:				
10	Cash on hand and in banks	7,151	384	98	-220
11	Temporary investments	44,915	301	45	3,252
12	Accounts receivable (net)	44,603	1,289	383	1,938
13	Inventories	20,938	1,228	245	1,759
14	Other	3,953	33	1	47
15	Total current assets	121,560	3,235	772	6,776
	Investments:				
16	In associated companies	50,583	1,850	—	3,484
17	Reserve fund investments	1,188	—	—	82
18	Other	6,557	120	—	46
19	Total investments	58,328	1,970	—	3,612
20	Deferred charges and prepaid expenses	18,545	93	70	369
21	Other assets	14,415	1,067	30	1,398
22	Total assets	1,839,786	87,331	7,796	86,681
	Liabilities:				
23	Long-term debt	887,447	41,782	2,396	39,964
	Current Liabilities:				
24	Accounts payable and accrued liabilities	77,913	4,345	513	3,722
25	Loans and notes payable	26,184	5,146	900	494
26	Other	10,213	247	165	419
27	Total current liabilities	114,310	9,738	1,578	4,635
28	Reserves	12,156	100	18	2,398
29	Deferred credits and other liabilities	72,047	1,631	916	2,481
	Capital and surplus:				
30	Share capital	566,722	26,414	785	25,239
31	Surplus — Capital	17,444	2,529	—	958
32	Earned	169,660	5,137	2,103	11,006
33	Total capital and surplus	753,826	34,080	2,888	37,203
34	Total liabilities	1,839,786	87,331	7,796	86,681

TABLE 14. Assets and Liabilities at End of Year, 1959 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
1,727	484,226	39,458	—	18,629	77,997	253,361	852	1
460	138,018	9,512	—	1,213	47,498	105,669	36	2
1,888	171,611	8,051	352	2,182	37,440	196,385	723	3
846	49,129	4,402	125	945	10,161	53,114	181	4
4,921	842,984	61,423	477	22,969	173,096	608,529	1,792	5
1,531	243,510	17,784	201	13,901	30,489	77,014	361	6
3,390	599,474	43,639	276	9,068	142,607	531,515	1,431	7
—	18,853	10,746	—	—	355	103,135	33	8
3,390	618,327	54,385	276	9,068	142,962	634,650	1,464	9
134	4,690	483	7	24	464	977	110	10
—	9,653	386	—	386	1,302	29,589	1	11
1,623	17,478	3,102	46	137	3,614	14,721	272	12
39	6,347	373	—	355	2,201	8,369	22	13
—	882	50	—	—	52	2,888	—	14
1,796	39,050	4,394	53	902	7,633	56,544	405	15
26	41,214	—	5	57	3,802	15	130	16
—	1,012	74	—	—	—	20	—	17
—	4,580	149	1	—	251	1,410	—	18
26	46,806	223	6	57	4,053	1,445	130	19
6	3,429	752	—	28	789	13,005	4	20
—	10,120	211	—	4	1,135	450	—	21
5,218	717,732	59,965	335	10,059	156,572	706,094	2,003	22
1,024	322,787	24,989	—	2,463	74,026	377,607	409	23
229	25,607	1,793	27	371	8,685	32,383	238	24
—	3,241	1,954	—	90	4,800	9,229	330	25
8	4,208	102	215	1,058	2,786	1,005	—	26
237	33,056	3,849	242	1,519	16,271	42,617	568	27
105	3,419	13	—	117	3,227	2,759	—	28
2	21,461	1,240	62	361	7,684	36,165	44	29
2,689	253,843	11,261	31	1,571	27,262	217,572	55	30
454	2,404	9,867	—	53	716	88	375	31
707	80,762	8,746	—	3,975	27,386	29,286	552	32
3,850	337,009	29,874	31	5,599	55,364	246,946	982	33
5,218	717,732	59,965	335	10,059	156,572	706,094	2,003	34

TABLE 15. Income Account, 1959

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities – Publicly and privately-operated:				
	Operating revenue:				
1	Sale of electricity ¹	963,200	10,541	2,465	32,169
2	Other	48,991	258	4	266
3	Total operating revenue	1,012,191	10,799	2,469	32,435
	Operating expense:				
4	Operation, maintenance and administration	318,856	3,062	1,171	14,160
5	Power purchased	209,405	617	103	5,079
6	Depreciation	123,332	2,066	305	4,016
7	Total operating expense	651,593	5,745	1,579	23,255
8	Operating income	360,597	5,054	890	9,180
9	Other income	16,680	35	19	317
10	Total income	377,277	5,089	909	9,497
	Income deductions:				
11	Interest on long-term debt	164,034	1,632	136	3,548
12	Income tax	50,435	1,505	297	2,379
13	Other deductions	45,565	183	74	613
14	Total income deductions	260,034	3,320	507	6,540
15	Net income	117,243	1,769	402	2,957
	Publicly-operated:				
	Operating revenue:				
16	Sale of electricity ¹	653,167	—	430	9,780
17	Other	9,506	—	—	49
18	Total operating revenue	662,673	—	430	9,829
	Operating expense:				
19	Operation, maintenance and administration	193,709	—	173	3,473
20	Power purchased	162,404	—	76	2,894
21	Depreciation	77,374	—	41	800
22	Total operating expense	433,487	—	290	7,167
23	Operating income	229,186	—	140	2,662
24	Other income	5,439	—	18	25
25	Total income	234,625	—	158	2,687
	Income deductions:				
26	Interest on long-term debt	129,020	—	15	1,871
27	Income tax	3,627	—	—	7
28	Other deductions	42,314	—	74	596
29	Total income deductions	174,961	—	89	2,474
30	Net income	59,664	—	69	213
	Privately-operated:				
	Operating revenue:				
31	Sale of electricity ¹	310,033	10,541	2,035	22,389
32	Other	39,485	258	4	217
33	Total operating revenue	349,518	10,799	2,039	22,606
	Operating expense:				
34	Operation, maintenance and administration	125,147	3,062	998	10,687
35	Power purchased	47,001	617	27	2,185
36	Depreciation	45,958	2,066	264	3,216
37	Total operating expense	218,106	5,745	1,289	16,088
38	Operating income	131,411	5,054	750	6,518
39	Other income	11,241	35	1	292
40	Total income	142,652	5,089	751	6,810
	Income deductions:				
41	Interest on long-term debt	35,014	1,632	121	1,677
42	Income tax	46,808	1,505	297	2,372
43	Other deductions	3,251	183	—	17
44	Total income deductions	85,073	3,320	418	4,066
45	Net income	57,579	1,769	333	2,744

¹ This table is a composite summation of all the reports received. Revenue from the sale of electricity, therefore, includes duplications arising from inter-utility sales and is larger than the revenue shown in Table 7.

TABLE 15. Income Account, 1959

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
24,800	251,962	414,275	48,090	32,491	58,094	89,845	3,468	1
132	5,874	2,671	2,716	82	821	35,894	273	2
24,932	257,836	416,946	45,806	32,573	58,915	125,739	3,741	3
9,324	72,825	116,108	16,112	14,192	16,542	53,980	1,380	4
4,983	41,877	129,412	11,397	2,468	9,793	3,102	574	5
4,191	30,737	40,784	8,208	7,086	6,464	19,419	56	6
18,498	145,439	286,304	35,717	23,746	32,799	76,501	2,010	7
6,434	112,397	130,642	10,089	8,827	26,115	49,238	1,731	8
5	6,972	—	1,140	1,504	529	6,141	18	9
6,439	119,369	130,642	11,229	10,331	26,644	55,379	1,749	10
4,790	34,793	76,211	7,687	6,322	4,585	23,800	530	11
347	24,921	2,213	—	389	6,012	12,246	126	12
487	7,873	31,317	1,455	546	1,678	791	548	13
5,624	67,587	109,741	9,142	7,257	12,275	36,837	1,204	14
815	51,782	20,901	2,087	3,074	14,369	18,542	545	15
20,590	97,511	400,050	42,537	29,060	27,253	23,716	2,240	16
113	3,110	2,579	2,715	37	486	150	267	17
20,703	100,621	402,629	45,252	29,097	27,739	23,866	2,507	18
8,400	24,576	112,880	16,055	12,359	7,371	7,407	1,015	19
2,654	5,842	126,323	10,920	2,366	9,172	2,110	47	20
3,996	12,357	39,250	8,189	6,496	1,360	4,885	—	21
15,050	42,775	278,453	35,164	21,221	17,903	14,402	1,062	22
5,653	57,846	124,176	10,088	7,876	9,836	9,464	1,445	23
4	2,376	—	1,140	1,477	1	398	—	24
5,657	60,222	124,176	11,228	9,353	9,837	9,862	1,445	25
4,729	23,244	75,117	7,687	6,186	1,320	8,344	507	26
—	3,557	—	—	—	—	63	—	27
469	6,454	30,663	1,455	543	1,440	72	548	28
5,198	33,255	105,780	9,142	6,729	2,760	8,479	1,055	29
459	26,967	18,396	2,086	2,624	7,077	1,383	390	30
4,210	154,451	14,225	553	3,431	30,841	66,129	1,228	31
19	2,764	92	1	45	335	35,744	6	32
4,229	157,215	14,317	554	3,476	31,176	101,873	1,234	33
924	48,249	3,228	57	1,833	9,171	46,573	365	34
2,329	36,035	3,089	477	102	621	992	527	35
195	18,380	1,534	19	590	5,104	14,534	56	36
3,448	102,664	7,851	553	2,525	14,896	62,099	948	37
781	54,551	6,466	1	951	16,279	39,774	286	38
1	4,596	—	—	27	528	5,743	18	39
782	59,147	6,466	1	978	16,807	45,517	304	40
61	11,549	1,094	—	136	3,265	15,456	23	41
347	21,364	2,213	—	389	6,012	12,183	126	42
18	1,419	654	—	3	238	719	—	43
426	34,332	3,961	—	528	9,515	28,358	149	44
356	24,815	2,505	1	450	7,292	17,159	155	45

TABLE 16. Taxes, 1959

	Canada	New- foundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec
	thousands of dollars					
Electric utilities – Publicly and privately-operated:						
Municipal	16,909	62	46	1,315	133	5,074
Provincial	12,673	20	1	4	32	10,270
Federal	41,525	1,505	297	2,372	342	16,987
Total taxes	71,107	1,587	344	3,691	507	32,331
Per cent of total for Canada	100.00	2.23	0.48	5.19	0.71	45.47
Publicly-operated:						
Municipal	8,050	—	—	125	5	781
Provincial	3,070	—	—	1	2	2,803
Federal	1,687	—	—	—	6	145
Total taxes	12,807	—	—	126	13	3,729
Per cent of total for Canada	100.00	—	—	0.98	0.10	29.12
Privately-operated:						
Municipal	8,859	62	46	1,190	128	4,293
Provincial	9,603	20	1	3	30	7,467
Federal	39,838	1,505	297	2,372	336	16,842
Total taxes	58,300	1,587	344	3,565	494	28,602
Per cent of total for Canada	100.00	2.72	0.59	6.11	0.85	49.06
	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Yukon and N.W.T.
Electric utilities – Publicly and privately-operated:						
Municipal	5,051	555	385	1,875	2,409	4
Provincial	587	—	7	12	1,739	1
Federal	2,517	—	389	5,319	11,676	121
Total taxes	8,155	555	781	7,206	15,824	126
Per cent of total for Canada	11.47	0.78	1.10	10.14	22.25	0.18
Publicly-operated:						
Municipal	4,398	555	308	1,601	277	—
Provincial	254	—	—	—	10	—
Federal	1,236	—	—	—	300	—
Total taxes	5,888	555	308	1,601	587	—
Per cent of total for Canada	45.98	4.33	2.40	12.50	4.59	—
Privately-operated:						
Municipal	653	—	77	274	2,132	4
Provincial	333	—	7	12	1,729	1
Federal	1,281	—	389	5,319	11,376	121
Total taxes	2,267	—	473	5,605	15,237	126
Per cent of total for Canada	3.89	—	0.81	9.61	26.14	0.22

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