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Industry Division
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ELECTRIC POWER STATISTICS

1964

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57-502	Inventory of Prime Mover and Electric Generating Equipment. Approx. 120 pp. A list of generating plants in Canada by ownership, showing the location, year of installation, name-plate rating and other details of each unit, as at December 31, 1961	1.50

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SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- Ⓐ preliminary figures.
- † revised figures.

INTRODUCTION

Total installed generating capacity in Canada at the end of 1964 amounted to 27,027,347 kilowatts, 2.8 per cent more than the total of 26,300,644 kilowatts in 1963. Utilities accounted for 21,890,953 kilowatts compared with 21,200,117 kilowatts in 1963, while industry had a capacity of 5,136,394 kilowatts and 5,100,527 kilowatts in 1964 and 1963 respectively. Hydraulic installations in 1964 accounted for 75.2 per cent of the total and thermal plants, 24.8 per cent compared with 76.2 and 23.8 in 1963. New thermal installations in 1964 exceeded new hydraulic installations in contrast to 1963 when thermal installations were exceeded by hydraulic.

Quebec had the largest generating capacity at 9,838,392 kilowatts or 36.4 per cent of the national total, followed by Ontario with 32.4 per cent and British Columbia with 12.7 per cent. The largest increase in generating capacity was in Ontario where the increase amounted to 295,115 kilowatts. Quebec increased its capacity by 271,375 kilowatts; Saskatchewan by 100,711 kilowatts and Alberta by 87,062 kilowatts. The report "Inventory of Prime Mover and Electric Generating Equipment as at December 31, 1961" Catalogue No. 57-502 gives additional details on generating stations.

The largest thermal generating capacities were in Ontario with 42.2 per cent, Alberta with 14.3 per cent, British Columbia with 12.2 per cent and Saskatchewan with 9.6 per cent.

The greatest increase in thermal capacity occurred in Ontario where an additional 300,000 kilowatt unit was installed at the Lakeview generating station in 1964. In Quebec the installation of a 150,000 kilowatt unit at the Tracy plant was completed. One unit of 33,000 kilowatts was added to the Battle River generating station in Alberta.

The increase in hydraulic capacity in Quebec was accounted for by four additional 46,750 kilowatt units which were placed in service during the year in the Hydro Quebec Carillon plant and also by one unit of 12,000 kilowatts at the Rapid II station on the Upper Ottawa River. Two units of 33,500 kilowatts were added to the Squaw Rapids generating station in Saskatchewan.

Net generation (total generation less energy used in generating station service) increased 10.4 per cent in 1964 to 134,986,747 thousand kilowatt-hours from 122,238,194 thousand kilowatt-hours one year earlier. Generation by electric utilities increased 10.0 per cent to 102,889,082 thousand kilowatt-hours from 93,501,226 thousand kilowatt-hours while accounting for 76.2 per cent of total production compared with 76.5 per cent in 1963. Generation by industry rose to 32,097,665 thousand kilowatt-hours from 28,736,968 thousand kilowatt-hours a year earlier.

Generation from hydraulic facilities amounted to 84.0 per cent while thermal was 16.0 per cent. Although Quebec had 36 per cent of total generating capacity in 1964, it accounted for 42 per cent of total generation, followed by Ontario with 29 per cent and British Columbia with 13 per cent.

The data which were contained in Tables 3 and 4 in previous annual publications have been combined in Table 3 in this publication. The table has been expanded to show the complete supply and disposal details for public utilities, private utilities, industrial establishments, combined public and private utilities, and combined utilities and industrial establishments. The concept "generated for use in own plant by industrial establishments" has been entirely eliminated because it was becoming increasingly difficult to obtain meaningful data. For persons interested in maintaining historical continuity, a close approximation to "generated for use in own plant" may be obtained by deducting all sales and deliveries by industrial establishments (including inter-industrial establishment sales) from industrial generation.

Electric energy made available in Canada increased 10.2 per cent and total generation increased 10.4 per cent. Imports rose to 3,121,229 thousand kilowatt-hours from 2,884,283 thousand kilowatt-hours and exports increased 15.1 per cent to 4,159,475 thousand kilowatt-hours from 3,612,834 thousand kilowatt-hours. Secondary energy consumption amounted to 4,687,053 thousand kilowatt-hours as compared with 4,661,980 thousand kilowatt-hours in 1963. In 1964 secondary energy used in electric boilers and that used for other purposes has been combined.

Total sales of electricity to ultimate customers (including sales to industrial establishments with generating facilities) increased 8.7 per cent to 97,010,460 thousand kilowatt-hours from the 1963 total of 89,209,338 thousand kilowatt-hours. Power customers purchased 56,596,870 thousand kilowatt-hours or 58.3 per cent of the total (58.4 per cent in 1963); general service (commercial) customers, 12,194,511 thousand kilowatt-hours or 12.5 per cent (12.2 per cent in 1963); domestic and farm customers, 27,277,574 thousand kilowatt-hours or 28.1 per cent (28.4 per cent in 1963). Street lighting accounted for the remaining 941,505 thousand kilowatt-hours of electricity sold. In addition, some 12,029,583 thousand kilowatt-hours of energy available for disposal were reported lost and unaccounted for. This compares with 11,118,829 thousand kilowatt-hours in 1963.

A 3.5 per cent rise in the average number of ultimate customers brought the total to 5,852,783 from 5,654,854 in 1963. Domestic and farm customers also increased 3.5 per cent to 5,150,890 from 4,975,066, while the number of general service (commercial) customers showed a rise to 609,688

from 575,929. Power customers, however again showed a decrease of 11.7 per cent in 1964 to 85,437 from 96,774. This decrease is attributable to reclassification of customers in the power and commercial categories.

Revenue received from sales to ultimate customers totalled \$1,029,815,000, up 6.6 per cent from the 1963 total of \$966,162,000. Power customers produced revenues of \$381,929,000 versus \$359,541,000; general service (commercial) customers, \$222,969,000 versus \$200,929,000; domestic and farm customers, \$401,194,000 versus \$383,983,000 and street lighting customers, \$23,723,000 versus \$21,709,000. Revenue obtained from export sales to the U.S.A. amounted to \$9,920,000 compared with \$6,653,000 in 1963. Energy imported from the U.S.A. in 1964 cost \$2,964,000, up slightly from the 1963 figure of \$2,888,000.

The average revenue per kilowatt-hour for domestic and farm service declined 3.3 per cent to 1.47 cents from 1.52 cents in 1963.

The average annual bill for domestic and farm customers rose 1.0 per cent in 1964 to \$77.89 from \$77.10 in 1963. The increase was due to a rise in annual consumption of 4.2 per cent to 5,296 kilowatt-hours from 5,084 kilowatt-hours in 1963. Averages varied widely from province to province, the low of 2,192 kilowatt-hours being recorded in Prince Edward Island and the high of 6,919 kilowatt-hours being registered in Manitoba. While many utilities do not distinguish between domestic and farm customers in their records, those that have reported farm service separately show an average increase in consumption of 6.3 per cent to 6,361 kilowatt-hours from 5,985 and an increase in the average annual bill to \$118.54 from \$117.16. The average cost of farm service dropped from 1.96 to 1.86 cents per kilowatt-hour.

Electric utilities reported an expenditure of \$60,530,081 on fuel for thermal electric plants in 1964, an increase of 15.5 per cent from the \$52,421,857 reported one year earlier. The amount spent on oil increased 32.7 per cent to \$12,345,201 from \$9,301,110 and on natural gas 7.7 per cent to \$7,989,336 from \$7,421,504. At the same time, expenditure for coal increased 12.6 per cent to \$40,180,951 from \$35,671,129.

Coal accounted for 70.5 per cent of total thermal generation in 1964 against 68.9 per cent in 1963; natural gas was responsible for 18.8 per cent and petroleum fuels 9.9 per cent in 1964 as compared with 22.4 per cent and 8.1 per cent respectively in 1963.

Wages and salaries paid by the electric utility industry amounted to \$247,280,000 in 1964, an increase of 9.3 per cent over the \$226,302,000 in 1963. Publicly-operated utilities reported wages and salaries totalling \$225,505,000, an increase of 10.9 per cent from the \$203,413,000 in 1963 while privately-operated utilities paid \$21,775,000

as against \$22,889,000. Employees (excluding construction workers) showed an increase in number to 43,205 from 41,344 in 1963. A total of 38,944 were employed by publicly-operated utilities versus 36,768 one year earlier.

Total assets of the electric utility industry stood at \$9,130,689,000 at the end of 1964 compared with \$8,384,131,000 one year earlier, an increase of \$746,558,000 or 8.9 per cent. Total electric utility fixed assets after depreciation amounted to \$7,727,649,000 as against \$7,300,530,000 in 1963, an increase of \$427,119,000. This increase in fixed assets was financed by an increase of \$452,764,000 in long term debt.

Operating revenues of electric utilities rose 10.2 per cent in 1964, increasing to \$1,308,293,000 from \$1,186,822,000. Operating expenses also rose to \$868,245,000 from \$787,157,000 an increase of 10.3 per cent and operating income increased 10.1 per cent to \$440,048,000 from \$399,665,000. Net income in 1964, therefore, increased 23.7 per cent to \$115,292,000 from \$93,225,000.

Municipal taxes in 1964 rose to \$26,550,000 from \$25,745,000. Provincial and federal taxes were reported at \$25,380,000 and \$2,613,000 compared with \$7,064,000 and \$1,515,000 respectively for the previous year.

Utilities' expenditures on capital and repair projects, for generating, transmission and distribution facilities (Table 16) showed an increase of some 72 million dollars to 533 million in 1964 from 461 million in 1963.

Table 17 gives an historical summary of supply and disposal of electric energy for the years 1951-62. The industrial consumption of electric energy is based, in part, on data collected by the Industry Division of the Dominion Bureau of Statistics in the Census of Manufactures reports. Due to the fact that these reports are concerned primarily with consumers rather than producers of electric energy and are completed on the basis of different concepts and for different reporting periods, considerable difficulty is encountered in reconciling the two sets of data. For example, energy transferred between two establishments within the same organization may be reported under purchases in Census of Manufactures reports but as produced for own use in Electric Power Statistics reports.

Another example of different concepts in the two reports appears in the "commercial and other consumption" category. Commercial consumption at power rates is calculated by deducting purchases as shown in The Census of Manufactures reports from power sales as shown in The Electric Power Statistics reports. In 1960, 1961 and 1962, in the province of British Columbia a reclassification of customers from "power" to "commercial" has resulted in a net negative amount recorded in the "power rates" category. This negative amount is offset by the large increase in consumption in the

commercial "at commercial rates" category. In effect this means that sales at commercial rates includes sales to large commercial type consumers as well as sales to smaller industrial plants at commercial rates.

In order to bring the different concepts to a common basis, the "generated for own use" and "purchased" figures are adjusted from the figures in the Census of Manufactures publications and are in conformity with the figures used in Electric Power Statistics.

Consumption of electric power in each province for certain manufacturing groups is confidential due to the limited number of firms in any one group. As a result, only the total manufacturing consumption has been shown in the provincial tabulations in Table 17.

During the eleven year period 1951-62, total net generation increased at an annual compound rate of 6.0 per cent. The largest increase was 13.4 per cent in Alberta followed by Prince Edward Island, British Columbia and Saskatchewan with increases of 10.9 per cent, 10.2 per cent and 9.5 per cent respectively.

Net hydro-generation increased at an annual compound rate of 5.4 per cent between 1951 and 1962 while net thermal-generation increased at a 13.0 per cent rate.

Residential and farm consumption of electric energy increased at a compound growth rate of 10.7 per cent over the eleven year period 1951-62 while consumption by industrial and commercial consumers rose 4.7 per cent and 9.1 per cent respectively. Of the individual industries, mining showed the largest growth rate (5.3 per cent) followed by smelting and refining (5.0 per cent).

TABLE 1. Installed Generating Capacity at End of Year, 1964

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		nameplate rating in kilowatts			
	Electric utilities and industrial establishments:				
	Hydro:				
1	Water-wheels and turbines	20,313,269	452,770	—	142,911
	Thermal:				
2	Steam engines and turbines	5,960,056	45,000	50,500	377,128
3	Internal combustion engines.....	340,625	15,190	6,991	12,890
4	Gas turbines	413,397	—	—	—
5	Total thermal	6,714,078	60,190	57,491	390,018
6	Total installed generating capacity	27,027,347	512,960	57,491	532,929
7	Per cent of total for Canada.....	100.00	1.90	0.21	1.97
	Electric utilities:				
	Publicly and privately-operated:				
	Hydro:				
8	Water-wheels and turbines.....	16,085,077	387,680	—	137,561
	Thermal:				
9	Steam engines and turbines	5,115,111	35,000	50,500	326,350
10	Internal combustion engines.....	285,805	14,590	6,991	7,890
11	Gas turbines	404,960	—	—	—
12	Total thermal	5,805,876	49,590	57,491	334,240
13	Total installed generating capacity	21,890,953	437,270	57,491	471,801
14	Per cent of total for Canada.....	100.00	2.00	0.26	2.16
	Publicly-operated:				
	Hydro:				
15	Water-wheels and turbines	14,307,299	—	—	97,168
	Thermal:				
16	Steam engines and turbines	4,405,611	—	—	86,850
17	Internal combustion engines.....	230,480	5,190	6,891	5,970
18	Gas turbines	356,460	—	—	—
19	Total thermal	4,992,551	5,190	6,891	92,820
20	Total installed generating capacity	19,299,850	5,190	6,891	190,588
21	Per cent of total for Canada.....	100.00	0.03	0.04	0.99
	Privately-operated:				
	Hydro:				
22	Water-wheels and turbines	1,777,778	387,680	—	39,793
	Thermal:				
23	Steam engines and turbines	709,500	35,000	50,500	239,500
24	Internal combustion engines.....	55,325	9,400	100	1,920
25	Gas turbines	48,500	—	—	—
26	Total thermal	813,325	44,400	50,600	241,420
27	Total installed generating capacity	2,591,103	432,080	50,600	281,213
28	Per cent of total for Canada.....	100.00	16.68	1.95	10.85
	Industrial establishments:				
	Hydro:				
29	Water-wheels and turbines	4,228,192	65,090	—	5,350
	Thermal:				
30	Steam engines and turbines	844,945	10,000	—	50,778
31	Internal combustion engines.....	54,820	600	—	5,000
32	Gas turbines	8,437	—	—	—
33	Total thermal	908,202	10,600	—	55,778
34	Total installed generating capacity	5,136,394	75,690	—	61,128
35	Per cent of total for Canada	100.00	1.47	—	1.19

¹ Includes 20,000 Kw. nuclear generating capacity.

TABLE 1. Installed Generating Capacity at End of Year, 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T	No.
nameplate rating in kilowatts								
230,836	9,555,543	5,920,021	743,750	320,040	290,790	2,611,058	45,550	1
297,150	220,100	2,796,491 ¹	321,600	557,000	777,062	517,425	600	2
8,382	26,749	35,096	9,941	37,152	39,816	128,566	19,852	3
—	36,000	—	4,000	53,360	143,037	175,500	1,500	4
305,532	282,849	2,831,587	335,541	647,512	959,915	821,491	21,952	5
536,368	9,838,392	8,751,608	1,079,291	967,552	1,250,705	3,432,549	67,502	6
1:99	36.40	32.38	3.99	3.58	4.63	12.70	0.25	7
216,636	6,930,410	5,665,178	733,400	307,740	290,790	1,383,542	32,140	8
199,750	150,000	2,484,200	314,000	534,000	720,711	300,000	600	9
8,382	24,177	33,756	8,860	26,535	31,166	106,622	16,836	10
—	36,000	—	4,000	53,360	134,600	175,500	1,500	11
208,132	210,177	2,517,956	326,860	613,895	886,477	582,122	18,936	12
424,768	7,140,587	8,183,134	1,060,260	921,635	1,177,267	1,965,664	51,076	13
1.94	32.62	37.38	4.84	4.21	5.38	8.98	0.23	14
206,596	6,368,010	5,350,743	733,400	201,000	—	1,319,292	30,490	15
199,750	150,000	2,484,200 ¹	314,000	534,000	336,211	300,000	600	16
8,382	20,477	28,111	8,860	26,535	2,056	106,007	12,001	17
—	36,000	—	4,000	53,360	86,100	175,500	1,500	18
208,132	206,477	2,512,311	326,860	613,895	424,367	581,507	14,101	19
414,728	6,574,487	7,863,054	1,060,260	814,895	424,367	1,900,799	44,591	20
2.15	34.06	40.74	5.49	4.22	2.20	9.85	0.23	21
10,040	562,400	314,435	—	106,740	290,790	64,250	1,650	22
—	—	—	—	—	384,500	—	—	23
—	3,700	5,645	—	—	29,110	615	4,835	24
—	—	—	—	—	48,500	—	—	25
—	3,700	5,645	—	—	462,110	615	4,835	26
10,040	566,100	320,080	—	106,740	752,900	64,865	6,485	27
0.39	21.85	12.35	—	4.12	29.06	2.50	0.25	28
14,200	2,625,133	254,843	10,350	12,300	—	1,227,516	13,410	29
97,400	70,100	312,291	7,600	23,000	56,351	217,425	—	30
—	2,572	1,340	1,081	10,617	8,650	21,944	3,016	31
—	—	—	—	—	8,437	—	—	32
97,400	72,672	313,631	8,681	33,617	73,438	239,369	3,016	33
111,600	2,697,805	568,474	19,031	45,917	73,438	1,466,885	16,426	34
2.17	52.52	11.07	0.37	0.90	1.43	28.56	0.32	35

TABLE 2. Generation of Energy, 1964

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	113,343,948	2,294,853	—	722,426
	Thermal:				
2	Steam engines and turbines	20,532,479	97,970	118,586	1,667,785
3	Internal combustion engines	760,869	31,263	5,396	12,414
4	Gas turbines	349,451	—	—	—
5	Total thermal	21,642,799	129,233	123,982	1,680,199
6	Total energy generated	134,986,747	2,424,086	123,982	2,402,625
7	Per cent of total for Canada	100.00	1.80	0.09	1.78
	Electric utilities:				
	Publicly and privately-operated:				
	Hydro:				
8	Water-wheels and turbines	84,871,487	1,873,284	—	684,122
	Thermal:				
9	Steam engines and turbines	17,045,869	56,970	118,586	1,441,049
10	Internal combustion engines	668,357	31,263	5,396	12,414
11	Gas turbines	303,369	—	—	—
12	Total thermal	18,017,595	88,233	123,982	1,453,463
13	Total energy generated	102,889,082	1,961,517	123,982	2,137,585
14	Per cent of total for Canada	100.00	1.91	0.12	2.08
	Publicly-operated:				
	Hydro:				
15	Water-wheels and turbines	76,006,973	—	—	492,025
	Thermal:				
16	Steam engines and turbines	13,497,209	—	—	303,648
17	Internal combustion engines	543,713	18,717	5,396	12,403
18	Gas turbines	206,179	—	—	—
19	Total thermal	14,247,101	18,717	5,396	316,051
20	Total energy generated	90,254,074	18,717	5,396	808,076
21	Per cent of total for Canada	100.00	0.02	0.01	0.89
	Privately-operated:				
	Hydro:				
22	Water-wheels and turbines	8,864,514	1,873,284	—	192,097
	Thermal:				
23	Steam engines and turbines	3,548,660	56,970	118,586	1,137,401
24	Internal combustion engines	124,644	12,546	—	11
25	Gas turbines	97,190	—	—	—
26	Total thermal	3,770,494	69,516	118,586	1,137,412
27	Total energy generated	12,635,008	1,942,800	118,586	1,329,509
28	Per cent of total for Canada	100.00	15.38	0.94	10.52
	Industrial establishments:				
	Hydro:				
29	Water-wheels and turbines	28,472,461	421,569	—	38,304
	Thermal:				
30	Steam engines and turbines	3,486,610	41,000	—	226,736
31	Internal combustion engines	92,512	—	—	—
32	Gas turbines	46,082	—	—	—
33	Total thermal	3,625,204	41,000	—	226,736
34	Total energy generated	32,097,665	462,569	—	265,040
35	Per cent of total for Canada	100.00	1.44	—	0.83

¹ Kilowatt-hours generated after deducting station service.

TABLE 2. Generation of Energy, 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours ²								
1,023,516	56,362,217	30,186,345	4,800,712	1,369,211	895,860	15,480,140	208,668	1
1,524,358	431,080	9,463,187 ²	159,278	1,786,143	3,814,917	1,466,812	2,363	2
7,917	38,176	75,703	23,822	62,450	100,036	363,877	39,815	3
—	628	—	7,351	121,375	216,034	1,842	2,221	4
1,532,275	469,884	9,538,890	190,451	1,969,968	4,130,987	1,832,531	44,399	5
2,555,791	56,832,101	39,725,235	4,991,163	3,339,179	5,026,847	17,312,671	253,067	6
1.89	42.10	29.43	3.70	2.47	3.72	12.83	0.19	7
962,946	38,040,775	28,601,433	4,735,222	1,289,930	895,860	7,622,689	165,226	8
936,667	74,222	8,574,049	149,391	1,728,730	3,506,880	456,962	2,363	9
7,917	37,206	74,229	22,894	61,801	72,777	309,796	32,664	10
—	628	—	7,351	121,375	169,952	1,842	2,221	11
944,584	112,056	8,648,278	179,636	1,911,906	3,749,609	768,600	37,248	12
1,907,530	38,152,831	37,249,711	4,914,858	3,201,836	4,645,469	8,391,289	202,474	13
1.85	37.08	36.20	4.78	3.11	4.51	8.16	0.20	14
910,862	34,554,681	27,334,074	4,735,222	673,329	—	7,151,987	154,793	15
936,667	74,222	8,574,049	149,391	1,728,730	1,271,177	456,962	2,363	16
7,917	34,121	53,114	22,894	61,794	8,347	295,879	23,131	17
—	628	—	7,351	121,375	72,762	1,842	2,221	18
944,584	108,971	8,627,163	179,636	1,911,899	1,352,286	754,683	27,715	19
1,855,446	34,663,652	35,961,237	4,914,858	2,585,228	1,352,286	7,906,670	182,508	20
2.06	38.41	39.84	5.45	2.86	1.50	8.76	0.20	21
52,084	3,486,094	1,267,359	—	616,601	895,860	470,702	10,433	22
—	—	—	—	—	2,235,703	—	—	23
—	3,085	21,115	—	—	64,430	13,917	9,533	24
—	—	—	—	—	97,190	—	—	25
—	3,085	21,115	—	—	7	2,397,323	13,917	26
52,084	3,489,179	1,288,474	—	616,608	3,293,183	484,619	19,966	27
0.41	27.61	10.20	—	4.88	26.06	3.84	0.16	28
60,570	18,321,442	1,584,912	65,490	79,281	—	7,857,451	43,442	29
587,691	356,858	889,138	9,887	57,413	308,037	1,009,850	—	30
—	970	1,474	928	649	27,259	54,081	7,151	31
—	—	—	—	—	46,082	—	—	32
587,691	357,828	890,612	10,815	58,062	381,378	1,063,931	7,151	33
648,261	18,679,270	2,475,524	76,305	137,343	381,378	8,921,382	50,593	34
2.02	58.19	7.71	0.24	0.43	1.19	27.79	0.16	35

² Includes 141,407 thousand kilowatt hours of nuclear generation.

TABLE 3. Supply and Disposal of Electric Energy, 1964

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of kilowatt-hours			
	Electric utilities and industrial establishments				
	Supply of energy:				
1	Total energy generated (Table 2)	134,986,747	2,424,086	123,982	2,402,625
	Energy received from other provinces and imported:				
2	Received from other provinces .....	...	—	—	42,859
3	Imported from United States	3,121,229	—	—	—
4	Total received from other provinces and imported (2 + 3)	3,121,229	—	—	42,859
5	Total supply of energy (1 + 4)	138,107,976	2,424,086	123,982	2,445,484
	Disposal of energy:				
	Energy delivered to other provinces and exported:				
6	Delivered to other provinces — Firm .....	...	54,754	—	6,636
7	Secondary .....	...	30,306	—	113,377
8	Exported to United States — Firm	870,610	—	—	—
	Secondary	3,288,865	—	—	—
10	Total delivered to other provinces and exported (6 + 7 + 8 + 9)	4,159,475	85,060	—	120,013
11	Total made available in Canada (5 - 10)	133,948,501	2,339,026	123,982	2,325,471
12	Secondary used in Canada (15 + 18)	4,687,053	13,905	—	2,101
13	Firm energy made available in Canada (11-12)	129,261,448	2,325,121	123,982	2,323,370
	Energy used in own plant:				
14	Firm	36,653,624	438,752	139	566,165
15	Secondary	2,921,137	4,196	—	—
16	Total energy used in own plant (14 + 15)	39,574,761	442,948	139	566,165
	Sales to ultimate customers:				
17	Power — Firm	40,164,651	1,467,734	16,408	412,639
18	Secondary	1,765,916	9,709	—	2,101
19	General service (commercial)	12,194,511	81,726	42,621	454,282
20	Domestic and farm	27,277,574	226,661	47,024	655,194
21	Street lighting	941,505	6,975	1,590	22,718
22	Total sales to ultimate customers (17 + 18 + 19 + 20 + 21)	82,344,157	1,792,805	107,643	1,546,934
23	Losses and unaccounted for	12,029,583	103,273	16,200	212,372
24	Total disposal of energy (10 + 16 + 22 + 23)	138,107,976	2,424,086	123,982	2,445,484

See footnotes at end of table.

TABLE 3. Supply and Disposal of Electric Energy, 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours								
2,555,791	56,832,101	39,725,235	4,991,163	3,339,179	5,026,847	17,312,671	253,067	1
144,813	128,617	7,026,401	852,847 ¹	23,362	22,145	12	—	2
6,334	734	2,906,892	—	657	728	205,884 ²	—	3
151,147	129,351	9,933,293	852,847	24,019	22,873	205,896	—	4
2,706,938	56,961,452	49,658,528	5,844,010	3,363,198	5,049,720	17,518,567	253,067	5
20	4,350,929	28,242	4,619	603,876 ¹	12	817	—	6
42,859	2,667,928 ³	255,726	51,087	8,540	—	21,328 ⁴	—	7
162,894	7,139	698,398	—	—	—	2,179	—	8
82,323	40,324	3,140,358	—	—	—	25,860 ⁵	—	9
288,096	7,066,320	4,122,724	55,706	612,416	12	50,184	—	10
2,418,842	49,895,132	45,535,804	5,788,304	2,750,782	5,049,708	17,468,383	253,067	11
195	3,542,057	689,474	158,981	19,568	13,650	185,543	61,579	12
2,418,647	46,353,075	44,846,330	5,629,323	2,731,214	5,036,058	17,282,840	191,488	13
1,046,899	16,857,704	6,951,669	876,987	96,331	520,214	9,256,132	42,632	14
195	2,120,270	496,012	88,024	19,568	—	185,543	7,329	15
1,047,094	18,977,974	7,447,681	965,011	115,899	520,214	9,441,675	49,961	16
481,389	15,138,540	16,178,323	1,694,593	702,754	1,779,698	2,225,223	67,350	17
—	1,421,787	193,462	70,957	—	13,650	—	54,250	18
243,121	2,488,443	5,049,958	685,411	521,066	769,603	1,826,551	31,729	19
451,772	7,343,251	11,773,266	1,786,931	945,545	1,295,326	2,727,959	24,645	20
19,689	242,513	368,070	62,985	28,152	93,494	94,689	630	21
1,195,971	26,634,534	33,563,079	4,300,877	2,197,517	3,951,771	6,874,422	178,604	22
175,777	4,282,624	4,525,044	522,416	437,366	577,723	1,152,286	24,502	23
2,706,938	56,961,452	49,658,528	5,844,010	3,363,198	5,049,720	17,518,567	253,067	24

TABLE 3. Supply and Disposal of Electric Energy, 1964 - Continued

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
		thousands of kilowatt-hours			
	Electric utilities				
	Publicly and privately-operated:				
	Supply of energy:				
1	Total energy generated (Table 2)	102,889,082	1,961,517	123,982	2,137,585
	Energy received from other provinces and imported:				
2	Received from other provinces .....	...	—	—	42,859
3	Imported from United States	3,120,515	—	—	—
4	Total received from other provinces and imported (2 + 3)	3,120,515	—	—	42,859
5	Energy received from industrial establishments	4,750,287	—	—	8,504 ⁷
6	Total supply of energy (1 + 4 + 5)	110,759,884	1,961,517	123,982	2,188,948
	Disposal of energy:				
	Energy delivered to other provinces and exported:				
7	Delivered to other provinces - Firm .....	...	—	—	6,636
8	Secondary .....	...	—	—	113,377
9	Exported to United States - Firm	709,598	—	—	—
10	Secondary	3,288,865	—	—	—
11	Total delivered to other provinces and exported (7 + 8 + 9 + 10)	3,998,463	—	—	120,013
12	Total made available in Canada (6 - 11)	106,761,421	1,961,517	123,982	2,068,935
13	Secondary used in Canada (16 + 20)	1,641,509	9,709	—	2,101
14	Firm energy made available in Canada (12 - 13)	105,119,912	1,951,808	123,982	2,066,834
	Energy used in own plant:				
15	Firm	679,149	18,451	139	19,515
16	Secondary	222,710	—	—	—
17	Total energy used in own plant (15 + 16)	901,859	18,451	139	19,515
18	Energy delivered to industrial establishments with generating facilities	13,322,529	53,308	—	290,433
	Sales to ultimate customers:				
19	Power - Firm	39,973,753	1,467,521	16,408	412,573
20	Secondary	1,418,799	9,709	—	2,101
21	General service (commercial)	12,061,319	81,395	42,621	454,282
22	Domestic and farm	27,210,224	225,976	47,024	655,194
23	Street lighting	939,240	6,975	1,590	22,718
24	Total sales to ultimate customers (19 + 20 + 21 + 22 + 23)	81,603,335	1,791,576	107,643	1,546,868
25	Losses and unaccounted for	10,933,698	98,182	16,200	212,119
26	Total disposal of energy (11+17+18+24+25)	110,759,884	1,961,517	123,982	2,188,948

See footnotes at end of table.

TABLE 3. Supply and Disposal of Electric Energy, 1964 - Continued

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours								
1,907,530	38,152,831	37,249,711	4,914,858	3,201,836	4,645,469	8,391,289	202,474	1
144,813	43,557	7,026,401	819,819	23,362	22,145	12	—	2
6,334	734	2,906,892	—	657	728	205,170 ⁶	—	3
151,147	44,291	9,933,293	819,819	24,019	22,873	205,182	—	4
20,864	4,018,582	355,051 ⁸	—	3,074	4,882	437,009 ⁹	2,321	5
2,079,541	42,215,704	47,438,055	5,734,677	3,228,929	4,673,224	9,033,480	204,795	6
20	4,350,929	28,242	4,619	570,848	12	817	—	7
42,859	2,667,928 ³	255,726	51,087	8,540	—	21,328 ⁴	—	8
71,364	7,139	628,916	—	—	—	2,179	—	9
82,323	40,324	3,140,358	—	—	—	25,860 ⁵	—	10
196,566	7,066,320	4,053,242	55,706	579,388	12	50,184	—	11
1,882,975	35,149,384	43,384,813	5,678,971	2,649,541	4,673,212	8,983,296	204,795	12
—	1,232,177	193,462	135,658	—	13,650	—	54,752	13
1,882,975	33,917,207	43,191,351	5,543,313	2,649,541	4,659,562	8,983,296	150,043	14
5,861	412,200	53,299	2,794	14,251	56,130	93,268	3,241	15
—	157,507	—	64,701	—	—	—	502	16
5,861	569,707	53,299	67,495	14,251	56,130	93,268	3,743	17
526,908	4,918,682	5,353,569 ¹⁰	800,249	505	87,230	1,287,072	4,573	18
469,757	15,000,775	16,143,677	1,694,529	702,754	1,777,486	2,220,923	67,350	19
—	1,074,670	193,462	70,957	—	13,650	—	54,250	20
243,121	2,484,574	5,048,198	682,558	521,066	769,497	1,703,029	30,978	21
451,772	7,332,236	11,754,937	1,780,555	945,545	1,294,631	2,698,061	24,293	22
19,689	242,278	367,909	62,587	28,152	93,479	93,233	630	23
1,184,339	26,134,533	33,508,183	4,291,186	2,197,517	3,948,743	6,715,246	177,501	24
165,867	3,526,462	4,469,762	520,041	437,268	581,109	887,710	18,978	25
2,079,541	42,215,704	47,438,055	5,734,677	3,228,929	4,673,224	9,033,480	204,795	26

TABLE 3. Supply and Disposal of Electric Energy 1964 -- Continued

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of kilowatt-hours			
	Electric utilities—Continued				
	Publicly-operated:				
	Supply of energy:				
1	Total energy generated (Table 2)	90,254,074	18,717	5,396	808,076
	Energy received from other provinces and imported:				
2	Received from other provinces .....	...	—	—	5,832
3	Imported from United States	3,102,587	—	—	—
4	Total received from other provinces and imported (2+3)	3,102,587	—	—	5,832
5	Energy received from privately-operated utilities....	1,958,469	8	9,564	101,574
6	Energy received from industrial establishments	4,434,724	—	—	149
7	Total supply of energy (1+4+5+6)	99,749,854	18,725	14,960	915,631
	Disposal of energy:				
	Energy delivered to other provinces and exported:				
8	Delivered to other provinces — Firm .....	...	—	—	6,636
9	Secondary .....	...	—	—	18,785
10	Exported to United States — Firm	255,173	—	—	—
11	Secondary	2,530,308	—	—	—
12	Total delivered to other provinces and exported (8+9+10+11)	2,785,481	—	—	25,421
13	Total made available in Canada (7-12)	96,964,373	18,725	14,960	890,210
14	Secondary used in Canada (17+22)	1,507,540	—	—	2,101
15	Firm energy made available in Canada (13-14)	95,456,833	18,725	14,960	888,109
	Energy used in own plant:				
16	Firm	653,146	18,451	—	14,225
17	Secondary	222,710	—	—	—
18	Total energy used in own plant (16+17)	875,856	18,451	—	14,225
19	Energy delivered to privately-operated utilities	1,217,785	—	—	85,771
20	Energy delivered to industrial establishments with generating facilities	11,614,027	—	—	248,977
	Sales to ultimate customers:				
21	Power— Firm	34,811,296	—	—	152,800
22	Secondary	1,284,830	—	—	2,101
23	General service (commercial)	11,147,019	—	7,136	93,496
24	Domestic and farm	25,303,466	254	6,499	206,022
25	Street lighting	874,897	—	577	7,008
26	Total sales to ultimate customers (21+22+23+24+25)	73,421,508	254	14,212	461,427
27	Losses and unaccounted for	9,866,997	20	748	79,810
28	Total disposal of energy (12+18+19+20+26+27)	99,781,654¹²	18,725	14,960	915,631

See footnotes at end of table.

TABLE 3. Supply and Disposal of Electric Energy 1964 - Continued

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours								
1,855,446	34,663,652	35,961,237	4,914,858	2,585,228	1,352,286	7,906,670	182,508	1
144,813	43,557	5,905,791	249,831	17,013	—	12	—	2
336	734	2,896,347	—	—	—	205,170 ^d	—	3
145,149	44,291	8,802,138	249,831	17,013	—	205,182	—	4
5,459	293,528 ¹¹	277,423	—	349	1,053,529	217,035	—	5
20,864	3,985,764	244,097 ^a	—	—	3,993	179,817 ^b	40	6
2,026,918	38,987,235	45,284,895	5,164,689	2,602,590	2,409,808	8,508,704	182,548	7
20	3,355,073	26,194	54	860	—	817	—	8
42,859	2,570,182 ³	255,726	49,303	8,540	—	—	—	9
20,672	7,139	225,183	—	—	—	2,179	—	10
82,323	40,324	2,381,801	—	—	—	25,860 ⁵	—	11
145,874	5,972,718	2,888,904	49,357	9,400	—	28,856	—	12
1,881,044	33,014,517	42,395,991	5,115,332	2,593,190	2,409,808	8,479,848	182,548	13
—	1,107,917	193,462	135,658	—	13,650	—	54,752	14
1,881,044	31,906,600	42,202,529	4,979,674	2,593,190	2,396,158	8,479,848	127,796	15
5,562	404,356	50,488	2,794	14,251	48,142	91,895	2,982	16
—	157,507	—	64,701	—	—	—	502	17
5,562	561,863	50,488	67,495	14,251	48,142	91,895	3,484	18
72,149	283,489	600,668	—	—	153,916	238 ⁵	21,554	19
526,908	4,338,971	4,932,766 ¹⁰	274,737	505	12,639	1,273,951	4,573	20
452,722	13,400,375	15,500,780	1,694,529	702,594	742,494	2,102,141	62,861	21
—	950,410	193,462	70,957	—	13,650	—	54,250	22
220,800	2,472,674	4,954,176	674,769	518,918	542,085	1,648,672	14,293	23
425,291	7,293,640	11,535,810	1,753,311	938,729	658,191	2,478,315	7,404	24
18,086	239,874	360,390	59,493	27,649	72,024	89,688	108	25
1,116,899	24,356,973	32,544,618	4,253,059	2,187,890	2,028,444	6,318,816	138,916	26
159,526	3,473,221	4,267,451	520,041	390,544	166,667	794,948	14,021	27
2,026,918	38,987,235	45,284,895	5,164,689	2,602,590	2,409,808	8,508,704	182,548	28

TABLE 3. Supply and Disposal of Electric Energy, 1964 - Continued

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of kilowatt-hours			
	Electric utilities - Concluded				
	Privately-operated:				
	Supply of energy:				
1	Total energy generated (Table 2)	12,635,008	1,942,800	118,586	1,329,509
	Energy received from other provinces and imported:				
2	Received from other provinces .....	...	-	-	37,027
3	Imported from United States	17,928	-	-	-
4	Total received from other provinces and im- ported (2+3)	17,928	-	-	37,027
5	Energy received from publicly-operated utilities	1,217,785	-	-	85,771
6	Energy received from industrial establishments	315,563	-	-	8,355
7	Total supply of energy (1+4+5+6)	14,186,284	1,942,800	118,586	1,460,662
	Disposal of energy:				
	Energy delivered to other provinces and exported:				
8	Delivered to other provinces - Firm .....	...	-	-	-
9	Secondary .....	...	-	-	94,592
10	Exported to United States - Firm	454,425	-	-	-
11	Secondary	758,557	-	-	-
12	Total delivered to other provinces and exported (8+9+10+11)	1,212,982	-	-	94,592
13	Total made available in Canada (7-12)	12,973,302	1,942,800	118,586	1,366,070
14	Secondary used in Canada (17+22)	133,969	9,709	-	-
15	Firm energy made available in Canada (13-14)	12,839,333	1,933,091	118,586	1,366,070
	Energy used in own plant:				
16	Firm	26,003	-	139	5,290
17	Secondary	-	-	-	-
18	Total energy, used in own plant (16+17)	26,003	-	139	5,290
19	Energy delivered to publicly-operated utilities	1,958,469	8	9,564	101,574
20	Energy delivered to industrial establishments with generating facilities	1,708,502	53,308	-	41,456
	Sales to ultimate customers:				
21	Power - Firm	5,162,457	1,467,521	16,408	259,773
22	Secondary	133,969	9,709	-	-
23	General service (commercial)	914,300	81,395	35,485	360,786
24	Domestic and farm	1,906,758	225,722	40,525	449,172
25	Street lighting	64,343	6,975	1,013	15,710
26	Total sales to ultimate customers (21+22+23+24+25)	8,181,827	1,791,322	93,431	1,085,441
27	Losses and unaccounted for	1,066,701	98,162	15,452	132,302
28	Total disposal of energy (12+18+19+20+26+27)	14,154,484⁺	1,942,800	118,586	1,460,662

See footnotes at end of table.

TABLE 3. Supply and Disposal of Electric Energy, 1964 - Continued

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N. W. T.	No.
thousands of kilowatt-hours								
52,084	3,489,179	1,288,474	—	616,608	3,293,183	484,619	19,966	1
—	—	1,120,610	569,988	6,349	22,145	—	—	2
5,998	—	10,545	—	657	728	—	—	3
5,998	—	1,131,155	569,988	7,006	22,873	—	—	4
72,149	283,489	600,668 ¹³	—	—	153,916	238 ⁵	21,554	5
—	32,818	10,954	—	3,074	889	257,192	2,281	6
130,231	3,805,486	3,031,251	569,988	626,688	3,470,861	742,049	43,801	7
—	995,856	2,048	4,565	569,988	12	—	—	8
—	97,746	—	1,784	—	—	21,328 ⁴	—	9
50,692	—	403,733	—	—	—	—	—	10
—	—	758,557	—	—	—	—	—	11
50,692	1,093,602	1,164,338	6,349	569,988	12	21,328	—	12
79,539	2,711,884	1,866,913	563,639	56,700	3,470,849	720,721	43,801	13
—	124,260	—	—	—	—	—	—	14
79,539	2,587,624	1,866,913	563,639	56,700	3,470,849	720,721	43,801	15
299	7,844	2,811	—	—	7,988	1,373	259	16
—	—	—	—	—	—	—	—	17
299	7,844	2,811	—	—	7,988	1,373	259	18
5,459	293,528	277,423	—	349	1,053,529	217,035	—	19
—	579,711	420,803	525,512	—	74,591	13,121	—	20
17,035	1,600,400	642,897	—	160	1,034,992	118,782	4,489	21
—	124,260	—	—	—	—	—	—	22
22,321	11,900	94,022	7,789	2,148	227,412	54,357	16,685	23
26,481	38,596	219,127	27,244	6,816	636,440	219,746	16,889	24
1,603	2,404	7,519	3,094	503	21,455	3,545	522	25
67,440	1,777,560	963,565	38,127	9,627	1,920,299	396,430	38,585	26
5,341	53,241	202,311	—	46,724	414,442	92,762	4,957	27
130,231	3,805,486	3,031,251	569,988	626,688	3,470,861	742,049	43,801	28

TABLE 3. Supply and Disposal of Electric Energy, 1964 - Concluded

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
		thousands of kilowatt-hours			
	Industrial establishments				
	Supply of energy:				
1	Total energy generated (Table 2)	32,097,665	462,569	-	265,040
	Energy received from other provinces and imported:				
2	Received from other provinces .....	...	-	-	-
3	Imported from United States	714	-	-	-
4	Total received from other provinces and imported (2 + 3)	714	-	-	-
5	Energy received from publicly-operated utilities	11,614,027	-	-	248,977
6	Energy received from privately-operated utilities	1,708,502	53,308	-	41,456
7	Total supply of energy (1 + 4 + 5 + 6)	45,420,908	515,877	-	555,473
	Disposal of energy:				
	Energy delivered to other provinces and exported:				
8	Delivered to other provinces - Firm .....	...	54,754	-	-
9	Secondary .....	...	30,306	-	-
10	Exported to United States - Firm	161,012	-	-	-
11	Secondary	-	-	-	-
12	Total delivered to other provinces and exported (8 + 9 + 10 + 11)	161,012	85,060	-	-
13	Total made available in Canada (7 - 12)	45,259,896	430,817	-	555,473
14	Secondary used in Canada (17 + 22)	3,045,544	4,196	-	-
15	Firm energy made available in Canada (13-14)	42,214,352	426,621	-	555,473
	Energy used in own plant:				
16	Firm	35,974,475	420,301	-	546,650
17	Secondary	2,698,427	4,196	-	-
18	Total energy used in own plant (16 + 17)	38,672,902	424,497	-	546,650
19	Energy delivered to publicly-operated utilities	4,434,724	-	-	149 ⁵
20	Energy delivered to privately-operated utilities	315,563	-	-	8,355
	Sales to ultimate customers:				
21	Power - Firm	190,898	213	-	66
22	Secondary	347,117	-	-	-
23	General service (commercial)	133,192	331	-	-
24	Domestic and farm	67,350	685	-	-
25	Street lighting	2,265	-	-	-
26	Total sales to ultimate customers (21 + 22 + 23 + 24 + 25)	740,822	1,229	-	66
27	Losses and unaccounted for	1,095,885	5,091	-	253
28	Total disposal of energy (12+18+19+20+26+27)	45,420,908	515,877	-	555,473
29	Inter-industrial establishment sales	1,343,774	-	-	-

¹ Includes 33,028,000 kwh. no value energy.

² " 29,985,000 " " " " " .

³ " 3,647,000 " " " " " .

⁴ " 2,706,000 " " " " " .

⁵ No value energy.

⁶ Includes 27,271,000 kwh. no value energy.

⁷ " 149,000 " " " " " .

⁸ " 613,000 " " " " " .

⁹ " 6,000 " " " " " .

TABLE 3. Supply and Disposal of Electric Energy 1964 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours								
648,261	18,679,270	2,475,524	76,305	137,343	381,378	8,921,382	50,593	1
-	85,060	-	33,028 ⁵	-	-	-	-	2
-	-	-	-	-	-	714 ⁵	-	3
-	85,060	-	33,028	-	-	714	-	4
526,908	4,338,971	4,982,766 ¹⁵	274,737	505	12,639	1,273,951	4,573	5
-	579,711	420,803	525,512	-	74,591	13,121	-	6
1,175,169	23,683,012	7,829,093	909,582	137,848	468,608	10,209,168	55,166	7
-	-	-	-	33,028 ⁵	-	-	-	8
-	-	-	-	-	-	-	-	9
91,530	-	69,482	-	-	-	-	-	10
-	-	-	-	-	-	-	-	11
91,530	-	69,482	-	33,028	-	-	-	12
1,083,639	23,683,012	7,759,611	909,582	104,820	468,608	10,209,168	55,166	13
195	2,309,880	496,012	23,323	19,568	-	185,543	6,827	14
1,083,444	21,373,132	7,263,599	886,259	85,252	468,608	10,023,625	48,339	15
1,041,038	16,445,504	6,898,370	874,193	82,080	464,084	9,162,864	39,391	16
195	1,962,763	496,012	23,323	19,568	-	185,543	6,827	17
1,041,233	18,408,267	7,394,382	897,516	101,648	464,084	9,348,407	46,218	18
20,864	3,985,764	244,097 ¹⁶	-	-	3,993	179,817	40	19
-	32,818	10,954	-	3,074	889	257,192	2,281	20
11,632	137,765	34,646	64	-	2,212	4,300	-	21
-	347,117	-	-	-	-	-	-	22
-	3,869	1,760	2,853	-	106	123,522	751	23
-	11,015	18,329	6,376	-	695	29,898	352	24
-	235	161	398	-	15	1,456	-	25
11,632	500,001	54,896	9,691	-	3,028	159,176	1,103	26
9,910	756,162	55,282	2,375	98	- 3,386	264,576	5,524	27
1,175,169	23,683,012	7,829,093	909,582	137,848	468,608	10,209,168	55,166	28
-	1,338,354	5,169	-	-	-	251	-	29

¹⁰ Includes 2,995,000 kwh. no value energy.

¹¹ " 3,554,000 " " " " " " "

¹² Total disposal is 31,800,000 kwh. more than total supply because publicly-operated utilities received 31,800,000 kwh. more energy from private utilities in other provinces than they delivered.

¹³ Includes 9,051,000 kwh. no value energy.

¹⁴ Total disposal is 31,800,000 kwh. less than total supply because privately-operated utilities received 31,800,000 kwh. less energy from public utilities in other provinces than they delivered.

¹⁵ Includes 5,708,000 kwh. no value energy.

¹⁶ " 724,000 " " " " " " "

TABLE 4. Customers at End of Year, 1964

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
Electric utilities and industrial establishments:					
Ultimate customers in Canada:					
1	Power	85,437	771	6	1,938
2	General service (commercial)	609,688	7,367	3,685	30,781
3	Domestic and farm ¹	5,150,890	71,932	21,448	183,153
4	Street lighting	6,768	36	25	167
5	Total ultimate customers	5,852,783	80,106	25,164	216,039
6	Per cent of total for Canada	100.00	1.37	0.43	3.69
Electric utilities:					
Publicly and privately-operated:					
Ultimate customers in Canada:					
7	Power	85,402	769	6	1,937
8	General Service (commercial)	608,997	7,342	3,685	30,781
9	Domestic and farm ¹	5,142,589	71,605	21,448	183,153
10	Street lighting	6,754	36	25	167
11	Total ultimate customers	5,843,742	79,752	25,164	216,038
12	Per cent of total for Canada	100.00	1.36	0.43	3.70
Publicly-operated:					
Ultimate customers in Canada:					
13	Power	69,774	—	—	1,125
14	General service (commercial)	543,724	—	536	11,138
15	Domestic and farm ¹	4,702,941	370	2,784	75,520
16	Street lighting	5,891	—	3	86
17	Total ultimate customers	5,322,330	370	3,323	87,870
18	Per cent of total for Canada	100.00	0.01	0.06	1.65
Privately-operated:					
Ultimate customers in Canada:					
19	Power	15,628	769	6	811
20	General service (commercial)	65,273	7,342	3,149	19,643
21	Domestic and farm ¹	439,648	71,235	18,664	107,633
22	Street lighting	863	36	22	81
23	Total ultimate customers	521,412	79,382	21,841	128,168
24	Per cent of total for Canada	100.00	15.22	4.19	24.58
Industrial establishments:					
Ultimate customers in Canada:					
25	Power	35	2	—	1
26	General service (commercial)	691	25	—	—
27	Domestic and farm ¹	8,301	327	—	—
28	Street lighting	14	—	—	—
29	Total ultimate customers	9,041	354	—	1
30	Per cent of total for Canada	100.00	3.92	—	0.01

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

TABLE 4. Customers at End of Year, 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
2,341	19,905	27,739	12,825	840	16,689	2,254	129	1
15,411	160,454	172,959	41,751	43,268	51,332	81,301	1,379	2
147,238	1,414,245	1,970,693	258,278	241,303	339,717	498,098	4,785	3
1,303	1,961	778	629	891	637	315	26	4
166,293	1,596,565	2,172,169	313,483	286,302	408,375	581,968	6,319	5
2.84	27.28	37.11	5.36	4.89	6.98	9.94	0.11	6
2,341	19,899	27,730	12,824	840	16,688	2,239	129	7
15,410	160,342	172,868	41,617	43,268	51,320	80,990	1,374	8
147,238	1,412,942	1,968,765	257,388	241,303	339,470	494,557	4,720	9
1,303	1,957	775	627	891	636	311	26	10
166,292	1,595,140	2,170,138	312,456	286,302	408,114	578,097	6,249	11
2.84	27.30	37.14	5.35	4.90	6.98	9.89	0.11	12
2,073	19,814	27,406	12,824	838	4,408	1,263	22	13
14,405	159,645	168,938	41,261	43,143	27,173	76,997	488	14
140,595	1,406,657	1,930,518	254,418	240,212	186,036	464,673	1,158	15
1,301	1,945	750	624	886	11	276	9	16
158,374	1,588,061	2,127,612	309,127	285,079	217,628	543,209	1,677	17
2.97	29.84	39.97	5.81	5.36	4.09	10.21	0.03	18
268	85	324	—	2	12,280	976	107	19
1,005	697	3,930	356	125	24,147	3,993	886	20
6,643	6,285	38,247	2,970	1,091	153,434	29,884	3,562	21
2	12	25	3	5	625	35	17	22
7,918	7,079	42,526	3,329	1,223	190,486	34,888	4,572	23
1.52	1.36	8.16	0.64	0.23	36.53	6.69	0.88	24
—	6	9	1	—	1	15	—	25
1	112	91	134	—	12	311	5	26
—	1,303	1,928	890	—	247	3,541	65	27
—	4	3	2	—	1	4	—	28
1	1,425	2,031	1,027	—	261	3,871	70	29
0.01	15.76	22.46	11.36	—	2.89	42.82	0.77	30

TABLE 5. Revenue from Sale of Electricity and Value of Electricity Purchased,¹ 1964

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities and industrial establishments				
	Revenue from sale of electricity:				
	To ultimate customers in Canada:				
1	Power ² —Firm.....	311,465	10,150	324	6,091
2	Secondary	3,989	13	—	22
3	General service (commercial).....	222,969	2,652	1,427	12,301
4	Domestic and farm.....	401,194	5,493	1,879	15,327
5	Street lighting.....	23,723	273	95	1,011
6	Total revenue from ultimate customers (1+2+3+4+5)	963,340	18,581	3,725	34,752
	Energy delivered to other provinces and exported:				
7	Delivered to other provinces—Firm .....	...	238	—	94
8	secondary .....	...	—	—	730
9	Exported to United States—Firm.....	5,561	—	—	—
10	Secondary	4,359	—	—	—
11	Total revenue from other provinces and exports (7+8+9+10)	9,920	238	—	824
12	Total revenue from sale of electricity (6+11)	973,260	18,819	3,725	35,576
	Value of electricity purchased:				
	Energy received from other provinces and imported:				
13	Received from other provinces.....	...	—	—	142
14	Imported from United States	2,964	—	—	—
15	Total value of electricity purchased (13+14)	2,964	—	—	142
	Electric utilities				
	Publicly and privately-operated:				
	Revenue from sale of electricity:				
16	To industrial establishments with generating facilities	63,263	426	—	1,329
	To ultimate customers in Canada:				
17	Power—Firm.....	309,558	10,144	324	6,090
18	Secondary	3,462	13	—	22
19	General service (commercial)	221,909	2,644	1,427	12,301
20	Domestic and farm.....	400,329	5,472	1,879	15,327
21	Street lighting.....	23,670	273	95	1,011
22	Total revenue from ultimate customers (17+18+19+20+21)	958,928	18,546	3,725	34,751
	Energy delivered to other provinces and exported:				
23	Delivered to other provinces—Firm .....	...	—	—	94
24	Secondary .....	...	—	—	730
25	Exported to United States—Firm	4,261	—	—	—
26	Secondary	4,359	—	—	—
27	Total revenue from other provinces and exports (23+24+25+26)	8,620	—	—	824
28	Total revenue from sale of electricity (16+22+27).....	1,030,811	18,972	3,725	36,904

See footnotes at end of table.

TABLE 5. Revenue from Sale of Electricity and Value of Electricity Purchased,¹ 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
7,106	97,601	123,035	14,591	9,823	21,647	19,447	1,650	1
—	3,299	328	88	—	12	—	227	2
6,178	46,735	69,211	10,642	14,208	20,076	38,127	1,412	3
13,070	92,578	153,896	20,830	24,490	25,732	46,926	973	4
852	5,354	9,177	1,382	1,157	2,465	1,917	40	5
27,206	245,567	355,647	47,533	49,678	69,932	106,417	4,302	6
1	11,520	276	59	1,376	—	15	—	7
142	7,464	359	46	4	—	158	—	8
1,424	93	4,012	—	—	—	32	—	9
646	223	3,490	—	—	—	—	—	10
2,213	19,300	8,137	105	1,380	—	205	—	11
29,419	264,867	363,784	47,638	51,058	69,932	106,622	4,302	12
1,111	526	18,724	1,727	79	173	—	—	13
66	16	2,397	—	26	8	451	—	14
1,177	542	21,121	1,727	105	181	451	—	15
2,964	20,757	28,656	2,184	25	662	6,235	25	16
7,010	96,133	122,812	14,591	9,823	21,598	19,383	1,650	17
—	2,772	328	88	—	12	—	227	18
6,178	46,672	69,150	10,583	14,208	20,072	37,312	1,362	19
13,070	92,443	153,708	20,726	24,490	25,711	46,536	967	20
852	5,350	9,175	1,371	1,157	2,464	1,882	40	21
27,110	243,370	355,173	47,359	49,678	69,857	105,113	4,246	22
1	11,520	276	59	1,376	—	15	—	23
142	7,464	359	46	4	—	158	—	24
555	93	3,581	—	—	—	32	—	25
646	223	3,490	—	—	—	—	—	26
1,344	19,300	7,706	105	1,380	—	205	—	27
31,418	283,427	391,535	49,648	51,083	70,519	111,553	4,271	28

TABLE 5. Revenue from Sale of Electricity and Value of Electricity Purchased,¹ 1964 — Continued

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities — Continued				
	Publicly and privately-operated — Concluded:				
	Value of electricity purchased:				
1	From industrial establishments with generating facilities.....	20,115	—	—	49
	Energy received from other provinces and imported:				
2	Received from other provinces.....	...	—	—	142
3	Imported from United States.....	2,964	—	—	—
4	Total value of receipts from other provinces and imports (2 + 3).....	2,964	—	—	142
5	Total value of electricity purchased (1 + 4).....	23,079	—	—	191
	Publicly-operated:				
	Revenue from sale of electricity:				
6	To privately-operated utilities.....	3,954	—	—	1,004
7	To industrial establishments with generating facilities.....	56,599	—	—	1,198
	To ultimate customers in Canada:				
8	Power — Firm.....	268,782	—	—	2,201
9	Secondary.....	3,180	—	—	22
10	General service (commercial).....	195,455	—	248	2,756
11	Domestic and farm.....	361,290	20	243	5,230
12	Street lighting.....	21,108	—	29	266
13	Total revenue from ultimate customers (8 + 9 + 10 + 11 + 12).....	849,815	20	520	10,475
	Energy delivered to other provinces and exported:				
14	Delivered to other provinces — Firm.....	...	—	—	94
15	Secondary.....	...	—	—	131
16	Exported to United States — Firm.....	1,962	—	—	—
17	Secondary.....	2,015	—	—	—
18	Total revenue from other provinces and exports (14 + 15 + 16 + 17).....	3,977	—	—	225
19	Total revenue from sale of electricity (6 + 7 + 13 + 18).....	914,345	20	520	12,902
	Value of electricity purchased:				
20	From privately-operated utilities.....	15,080	—	83	1,051
21	From industrial establishments with generating facilities.....	18,113	—	—	—
	Energy received from other provinces and imported:				
22	Received from other provinces.....	...	—	—	17
23	Imported from United States.....	2,823	—	—	—
24	Total value of receipts from other provinces and imports (22 + 23).....	2,823	—	—	17
25	Total value of electricity purchased (20+21+24).....	36,016	—	83	1,068

See footnote at end of table.

TABLE 5. Revenue from Sale of Electricity and Value of Electricity Purchased,¹ 1964 — Continued

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
114	16,208	1,057	—	46	63	2,530	48	1
1,111	288	18,724	1,727	79	173	—	—	2
66	16	2,397	—	26	8	451	—	3
1,177	304	21,121	1,727	105	181	451	—	4
1,291	16,512	22,178	1,727	151	244	2,981	48	5
1,229	315	558	—	—	480	—	368	6
2,964	19,066	25,949	1,154	25	138	6,080	25	7
6,619	89,705	118,675	14,591	9,819	7,990	17,804	1,378	8
—	2,503	328	88	—	12	—	227	9
5,551	46,421	67,592	10,458	14,128	11,859	35,959	483	10
12,400	91,838	150,685	20,473	24,372	11,896	43,727	406	11
796	5,321	8,993	1,352	1,149	1,392	1,802	8	12
25,366	235,788	346,273	46,962	49,468	33,149	99,292	2,502	13
1	8,703	255	1	1	—	15	—	14
142	7,220	359	40	4	—	—	—	15
151	93	1,686	—	—	—	32	—	16
646	223	1,146	—	—	—	—	—	17
940	16,239	3,446	41	5	—	47	—	18
30,499	271,408	376,226	48,157	49,498	33,767	105,419	2,895	19
62	1,439	2,420	—	5	8,239	1,781	—	20
114	15,930	1,016	—	—	50	1,003	—	21
1,111	288	15,922	352	15	—	—	—	22
1	16	2,355	—	—	—	451	—	23
1,112	304	18,277	352	15	—	451	—	24
1,288	17,673	21,713	352	20	8,289	3,235	—	25

TABLE 5. Revenue from Sale of Electricity and Value of Electricity Purchased,¹ 1964 - Continued

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities - Concluded				
	Privately-operated:				
	Revenue from sale of electricity:				
1	To publicly-operated utilities	15,080	—	83	1,051
2	To industrial establishments with generating facilities	6,664	426	—	131
	To ultimate customers in Canada:				
3	Power-Firm	40,776	10,144	324	3,889
4	Secondary	282	13	—	—
5	General service (commercial)	26,454	2,644	1,179	9,545
6	Domestic and farm	39,039	5,452	1,636	10,097
7	Street lighting	2,562	273	66	745
8	Total revenue from ultimate customers (3+4+5+6+7).....	109,113	18,526	3,205	24,276
	Energy delivered to other provinces and exported:				
9	Delivered to other provinces - Firm .....	...	—	—	—
10	Secondary .....	...	—	—	599
11	Exported to United States - Firm	2,299	—	—	—
12	Secondary	2,344	—	—	—
13	Total revenue from other provinces and exports (9+10+11+12).....	4,643	—	—	599
14	Total revenue from sale of electricity (1+2+8+13).....	135,500	18,952	3,288	26,057
	Value of electricity purchased:				
15	From publicly-operated utilities.....	3,954	—	—	1,004
16	From industrial establishments with generating facilities	2,002	—	—	49
	Energy received from other provinces and imported:				
17	Received from other provinces .....	...	—	—	125
18	Imported from United States	141	—	—	—
19	Total value of receipts from other provinces and imports (17+18).....	141	—	—	125
20	Total value of electricity purchased (15+16+19)	6,097	—	—	1,178
	Industrial establishments				
	Revenue from sale of electricity:				
21	To publicly-operated utilities	18,113	—	—	—
22	To privately-operated utilities	2,002	—	—	49
	To ultimate customers in Canada:				
23	Power - Firm	1,907	6	—	1
24	Secondary	527	—	—	—
25	General service (commercial)	1,060	8	—	—
26	Domestic and farm	865	21	—	—
27	Street lighting	53	—	—	—
28	Total revenue from ultimate customers (23+24+25+26+27).....	4,412	35	—	1

See footnote at end of table.

TABLE 5. Revenue from Sale of Electricity and Value of Electricity Purchased,¹ 1964 - Continued

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
62	1,439	2,420	—	5	8,239	1,781	—	1
—	1,691	2,707	1,030	—	524	155	—	2
391	6,428	4,137	—	4	13,608	1,579	272	3
—	269	—	—	—	—	—	—	4
627	251	1,558	125	80	8,213	1,353	879	5
670	605	3,023	253	118	13,815	2,809	561	6
56	29	182	19	8	1,072	80	32	7
1,744	7,582	8,900	397	210	36,708	5,821	1,744	8
—	2,817	21	58	1,375	—	—	—	9
—	244	—	6	—	—	158	—	10
404	—	1,895	—	—	—	—	—	11
—	—	2,344	—	—	—	—	—	12
404	3,061	4,260	64	1,375	—	158	—	13
2,210	13,773	18,287	1,491	1,590	45,471	7,915	1,744	14
1,229	315	558	—	—	480	—	368	15
—	278	41	—	46	13	1,527	48	16
—	—	2,802	1,375	64	173	—	—	17
65	—	42	—	26	8	—	—	18
65	—	2,844	1,375	90	181	—	—	19
1,294	593	3,443	1,375	136	674	1,527	416	20
114	15,930	1,016	—	—	50	1,003	—	21
—	278	41	—	46	13	1,527	48	22
96	1,468	223	—	—	49	64	—	23
—	527	—	—	—	—	—	—	24
—	63	61	59	—	4	815	50	25
—	135	188	104	—	21	390	6	26
—	4	2	11	—	1	35	—	27
96	2,197	474	174	—	75	1,304	56	28

TABLE 5. Revenue from Sale of Electricity and Value of Electricity Purchased,¹ 1964 - Concluded

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Industrial establishments - Concluded				
	Revenue from sale of electricity - Concluded:				
	Energy delivered to other provinces and exported:				
1	Delivered to other provinces - Firm .....	...	238	-	-
2	Secondary .....	...	-	-	-
3	Exported to United States - Firm	1,300	-	-	-
4	- Secondary	-	-	-	-
5	Total revenue from other provinces and exports (1 + 2 + 3 + 4)	1,300	238	-	-
6	Total revenue from sale of electricity (21 + 22 + 28 + 5)	25,827	273	-	50
	Value of electricity purchased:				
7	From publicly-operated utilities	56,599	-	-	1,198
8	From privately-operated utilities	6,664	426	-	131
	Energy received from other provinces and imported:				
9	Received from other provinces .....	...	-	-	-
10	Imported from United States	-	-	-	-
11	Total value of receipts from other provinces and imports (9 + 10)	-	-	-	-
12	Total value of electricity purchased (7 + 8 + 11)	63,263	426	-	1,329
13	Inter-industrial establishment sales	3,212	-	-	-

¹ Does not include inter-utility transactions.

TABLE 6. Energy Sales by Category of Service, 1964

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities and industrial establishments:				
	Power: ¹				
1	Number of customers	85,559	773	6	1,943
2	Energy sales	'000 kwh. 56,596,870	1,530,751	16,408	705,173
3	Revenue	'000 381,929	10,589	324	7,442
	General service (commercial):				
4	Number of customers	609,688	7,367	3,685	30,781
5	Energy sales	'000 kwh. 12,194,511	81,726	42,621	454,282
6	Revenue	'000 222,969	2,652	1,427	12,301
	Domestic and farm:				
7	Number of customers	5,150,890	71,932	21,448	183,153
8	Energy sales	'000 kwh. 27,277,574	226,661	47,024	655,194
9	Revenue	'000 401,194	5,493	1,879	15,327
	Street lighting:				
10	Number of customers	6,768	36	25	167
11	Energy sales	'000 kwh. 941,505	6,975	1,590	22,718
12	Revenue	'000 23,723	273	95	1,011
	Total:				
13	Number of customers (1 + 4 + 7 + 10)	5,852,905	80,108	25,164	216,044
14	Energy sales (2 + 5 + 8 + 11)	'000 kwh. 97,010,460	1,846,113	107,643	1,837,367
15	Revenue (3 + 6 + 9 + 12)	'000 1,029,815	19,007	3,725	36,081

¹ Includes sales to industrial establishments with generating facilities.

TABLE 5. Revenue from Sale of Electricity and Value of Electricity Purchased,¹ 1964 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
-	-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	-	2
869	-	431	-	-	-	-	-	3
-	-	-	-	-	-	-	-	4
869	-	431	-	-	-	-	-	5
1,079	18,405	1,962	174	46	138	3,834	104	6
2,964	19,066	25,949	1,154	25	138	6,080	25	7
-	1,691	2,707	1,030	-	524	155	-	8
-	238	-	-	-	-	-	-	9
-	-	-	-	-	-	-	-	10
-	238	-	-	-	-	-	-	11
2,964	20,995	28,656	2,184	25	662	6,235	25	12
-	3,180	25	-	-	-	7	-	13

¹ Does not include deliveries to industrial establishments with generating facilities.

TABLE 6. Energy Sales by Category of Service, 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
2,349	19,935	27,788	12,830	841	16,697	2,266	131	1
1,008,297	22,817,363	21,730,523	2,565,799	703,259	1,880,578	3,512,546	126,173	2
10,070	124,837	152,044	16,863	9,848	22,321	25,689	1,902	3
15,411	160,454	172,959	41,751	43,268	51,332	81,301	1,379	4
243,121	2,488,443	5,049,958	685,411	521,066	769,603	1,826,551	31,729	5
6,178	46,735	69,211	10,642	14,208	20,076	38,127	1,412	6
147,238	1,414,245	1,970,693	258,278	241,303	339,717	498,098	4,785	7
451,772	7,343,251	11,773,266	1,786,931	945,545	1,295,326	2,727,959	24,645	8
13,070	92,578	153,896	20,830	24,490	25,732	46,926	973	9
1,303	1,961	778	629	891	637	315	26	10
19,689	242,513	368,070	62,985	28,152	93,494	94,689	630	11
852	5,354	9,177	1,382	1,157	2,465	1,917	40	12
166,301	1,596,595	2,172,218	313,488	286,303	408,383	581,980	6,321	13
1,722,879	32,891,570	38,921,817	5,101,126	2,198,022	4,039,001	8,161,745	183,177	14
30,170	269,504	384,328	49,717	49,703	70,594	112,659	4,327	15

TABLE 7. Exports, Imports and Transfers Between Provinces, 1964

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
	Exports and deliveries to other provinces:				
1	Delivered to other provinces '000 kwh.	...	85,060	—	120,013
2	Revenue \$'000	...	238	—	824
3	Exported to United States '000 kwh.	4,159,475	—	—	—
4	Revenue \$'000	9,920	—	—	—
	Imports and receipts from other provinces:				
5	Received from other provinces '000 kwh.	...	—	—	42,859
6	Cost \$'000	...	—	—	142
7	Imported from United States '000 kwh.	3,121,229	—	—	—
8	Cost \$'000	2,964	—	—	—
	Net transfers between provinces and exports (imports):				
9	To (from) other provinces (1-5) '000 kwh.	—	85,060	—	77,154
10	Revenue (cost) (2-6) \$'000	—	238	—	682
11	To (from) United States (3-7) '000 kwh.	1,038,246	—	—	—
12	Revenue (cost) (4-8) \$'000	6,956	—	—	—

TABLE 8. Domestic and Farm Service, 1939-64

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	1950 "	2,797,378	30,311	10,298	124,860
4	1960 "	4,542,780	59,929	18,542	168,625
5	1963 "	4,980,351	69,521	20,873	181,243
6	1964 "	5,150,890	71,932	21,448	183,153
	Kilowatt-hours sold:				
7	1939 '000 kwh.	2,310,891	..	2,908	39,084
8	1945 "	3,365,497	..	5,217	70,099
9	1950 "	6,750,303	40,051	10,526	147,522
10	1960 "	20,391,857	169,481	30,130	461,926
11	1963 "	25,321,606	207,773	42,234	602,955
12	1964 "	27,277,574	226,661	47,024	655,194
	Revenue received:				
13	1939 \$'000	43,793	..	163	1,709
14	1945 "	55,736	..	239	2,286
15	1950 "	109,015	835	584	4,421
16	1960 "	325,946	3,901	1,352	12,727
17	1963 "	383,983	5,004	1,704	14,693
18	1964 "	401,194	5,493	1,879	15,327
	Kilowatt-hours per customer:				
19	1939 kwh.	1,423	..	574	630
20	1945 "	1,693	..	817	834
21	1950 "	2,413	1,321	1,022	1,181
22	1960 "	4,489	2,828	1,625	2,739
23	1963 "	5,084	2,989	2,023	3,327
24	1964 "	5,296	3,151	2,192	3,577
	Average annual bill:				
25	1939 \$	26.97	..	32.21	27.56
26	1945 \$	28.05	..	37.35	27.21
27	1950 \$	38.97	27.57	56.69	35.41
28	1960 \$	71.75	65.09	72.38	75.48
29	1963 \$	77.10	71.98	81.64	81.07
30	1964 \$	77.89	76.36	87.61	83.68

TABLE 7. Exports, Imports and Transfers Between Provinces, 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
42,879	7,018,857	283,968	55,706	612,416	12	22,145	—	1
143	18,984	635	105	1,380	—	173	—	2
245,217	47,463	3,838,756	—	—	—	28,039	—	3
2,070	316	7,502	—	—	—	32	—	4
144,813	128,617	7,026,401	852,847	23,362	22,145	12	—	5
1,111	526	18,724	1,727	79	173	—	—	6
6,334	734	2,906,892	—	657	728	205,884	—	7
66	16	2,397	—	26	8	451	—	8
(101,934)	6,890,240	(6,742,433)	(797,141)	589,054	(22,133)	22,133	—	9
(968)	18,458	(18,089)	(1,622)	1,301	(173)	173	—	10
238,883	46,729	931,864	—	(657)	(728)	(177,845)	—	11
2,004	300	5,105	—	(26)	(8)	(419)	—	12

TABLE 8. Domestic and Farm Service, 1939-64

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
95,540	778,878	1,104,317	144,122	94,734	134,132	278,417	1,769	3
141,283	1,225,796	1,755,369	235,239	215,732	290,140	428,418	3,707	4
146,426	1,351,058	1,918,262	254,362	231,996	327,958	474,199	4,453	5
147,238	1,414,245	1,970,693	258,278	241,303	339,717	498,098	4,785	6
26,989	311,420	1,374,325	320,827	41,198	42,210	151,930	..	7
45,958	507,274	1,963,043	416,499	58,402	63,962	235,043	..	8
97,752	1,199,887	3,662,862	689,335	128,221	164,205	607,427	2,515	9
328,107	5,000,588	9,318,141	1,454,613	646,234	867,319	2,102,048	13,270	10
424,362	6,677,334	11,156,251	1,686,436	855,581	1,178,895	2,468,518	21,267	11
451,772	7,343,251	11,773,266	1,786,931	945,545	1,295,326	2,727,959	24,645	12
1,308	9,167	19,658	3,312	2,004	2,145	4,327	..	13
1,883	11,926	23,699	4,238	2,566	2,932	5,967	..	14
3,747	23,821	44,724	7,939	4,871	5,385	12,525	163	15
10,601	72,571	124,933	16,722	18,803	19,280	44,365	691	16
12,671	89,906	147,260	19,621	23,652	24,184	44,422	866	17
13,070	92,578	153,896	20,830	24,490	25,732	46,926	973	18
581	716	1,909	3,956	824	618	974	..	19
739	908	2,337	4,399	953	735	1,218	..	20
1,023	1,541	3,317	4,783	1,353	1,224	2,182	1,422	21
2,322	4,079	5,308	6,184	2,996	2,989	4,907	3,580	22
2,898	4,942	5,816	6,630	3,688	3,595	5,206	4,776	23
3,068	5,192	5,974	6,919	3,918	3,813	5,477	5,150	24
28.13	21.08	27.31	40.84	40.10	31.42	27.73	..	25
30.29	21.34	28.21	44.76	41.87	33.70	30.92	..	26
39.22	30.58	40.50	55.08	51.42	40.15	44.99	92.23	27
75.03	59.20	71.17	71.09	87.16	66.45	103.56	186.40	28
86.54	66.54	76.77	77.14	101.95	73.74	93.68	194.48	29
88.77	65.46	78.09	80.65	101.49	75.75	94.21	203.34	30

TABLE 8. Domestic and Farm Service, 1939-64 - Concluded

No.			Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities and industrial establish- ments - Concluded:					
	Revenue per kilowatt-hour:					
1	1939.....	cents	1.90	..	5.61	4.37
2	1945.....	"	1.66	..	4.57	3.26
3	1950.....	"	1.61	2.09	5.55	3.00
4	1960.....	"	1.60	2.30	4.49	2.76
5	1963.....	"	1.52	2.41	4.03	2.44
6	1964.....	"	1.47	2.42	4.00	2.34
	Farm service, 1964:¹					
7	Customers.....	No.	395,304	6,660	-	-
8	Kilowatt-hours sold.....	'000 kwh.	2,514,360	12,489	-	-
9	Revenue received.....	\$'000	46,858	512	-	-
10	Kilowatt-hours per customer.....	No.	6,361	1,875	-	-
11	Average annual bill.....	\$	118.54	76.88	-	-
12	Revenue per kilowatt-hour.....	cents	1.86	4.10	-	-

¹ Many utilities cannot distinguish between domestic and farm, as they do not keep separate records. However, farm figures are tabulated as reported.

TABLE 9. Transmission Pole Line Mileage at End of Year, 1964

No.			Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities - Publicly and privately-operated					
1	Steel - Towers.....		14,627	288	-	119
2	Poles.....		88	44	-	-
3	Aluminum - Towers.....		64	-	-	-
4	Poles.....		-	-	-	-
5	Wood pole.....		51,295	903	150	2,173
6	Concrete pole.....		13	-	-	-
7	Underground cable.....		155	-	-	3
8	Marine cable.....		59	3	-	8
9	Other.....		-	-	-	-
10	Total transmission pole line mileage.....		66,301	1,238	150	2,303
11	Per cent of total for Canada.....		100.00	1.87	0.23	3.47

¹ Includes Aluminum Co. of Canada Ltd.

TABLE 10. Transmission Circuit Mileage of Electric Line at End of Year, 1964

No.			Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities - Publicly and privately-operated:					
1	20,000 - 49,999 volts.....		29,264	674	70	1,216
2	50,000 - 99,999 ".....		15,225	330	80	984
3	100,000 - 149,999 ".....		16,961	78	-	154
4	150,000 - 199,999 ".....		1,112	-	-	-
5	200,000 - 249,999 ".....		8,244	220	-	-
6	250,000 - 299,999 ".....		-	-	-	-
7	300,000 - 349,999 ".....		2,492	-	-	-
8	350,000 volts and over.....		433	-	-	-
9	Total transmission circuit mileage.....		73,731	1,302	150	2,354
10	Per cent of total for Canada.....		100.00	1.77	0.20	3.19

¹ Includes Aluminum Co. of Canada Ltd.

TABLE 8. Domestic and Farm Service, 1939-64 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
4.85	2.94	1.43	1.03	4.87	5.08	2.85	..	1
4.10	2.35	1.21	1.02	4.39	4.59	2.54	..	2
3.83	1.99	1.22	1.15	3.80	3.28	2.06	6.49	3
3.23	1.45	1.34	1.16	2.91	2.22	2.11	4.67	4
2.98	1.35	1.32	1.16	2.76	2.05	1.80	4.07	5
2.89	1.26	1.31	1.17	2.59	1.99	1.72	3.95	6
—	90,699	137,316	39,589	62,436	58,604	—	—	7
—	460,244	1,097,425	313,604	315,879	314,719	—	—	8
—	6,664	19,555	5,000	8,988	6,139	—	—	9
—	5,074	7,992	7,921	5,059	5,370	—	—	10
—	73.47	142.41	126.30	143.96	104.75	—	—	11
—	1.45	1.78	1.59	2.85	1.95	—	—	12

TABLE 9. Transmission Pole Line Mileage at End of Year, 1964

New Brunswick	Quebec ¹	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
737	4,760	6,039	1,249	484	219	732	—	1
—	39	5	—	—	—	—	—	2
—	4	27	—	—	33	—	—	3
—	—	—	—	—	—	—	—	4
1,262	5,482	10,434	4,624	11,097	10,822	4,176	172	5
—	10	3	—	—	—	—	—	6
—	44	43	—	4	13	48	—	7
—	11	2	—	—	—	35	—	8
—	—	—	—	—	—	—	—	9
1,999	10,350	16,553	5,873	11,585	11,087	4,991	172	10
3.01	15.61	24.97	8.86	17.47	16.72	7.53	0.26	11

TABLE 10. Transmission Circuit Mileage of Electric Line at End of Year, 1964

New Brunswick	Quebec ¹	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
18	2,471	7,838	1,878	7,792	7,209	56	42	1
1,322	2,385	220	2,051	2,133	2,446	3,242	32	2
659	2,674	6,890	2,238	1,304	1,772	1,094	98	3
—	1,065	47	—	—	—	—	—	4
—	1,298	4,549	727	582	249	619	—	5
—	—	—	—	—	—	—	—	6
—	2,492	—	—	—	—	—	—	7
—	—	228	—	—	—	205	—	8
1,999	12,385	19,772	6,894	11,811	11,676	5,216	172	9
2.71	16.80	26.82	9.35	16.02	15.84	7.07	0.23	10

TABLE 11. Fuel Used to Generate Electricity, 1964

No.			Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities – Publicly and privately-operated:					
	Quantity of fuel:					
	Coal:					
1	Bituminous – Canadian	short ton	1, 205, 763	–	–	584, 141
2	Imported	“	2, 710, 833	–	–	–
3	Sub-bituminous	“	1, 228, 223	–	–	–
4	Saskatchewan lignite	“	1, 119, 701	–	–	–
5	Other		–	–	–	–
6	Total coal	short ton	6, 264, 520	–	–	584, 141¹
	Petroleum fuels:					
7	Furnace fuel oil – Light	Imp. gallon	2, 630, 351	–	–	188, 575 ¹
8	Heavy	“	107, 101, 085	5, 198, 525	10, 746, 008	25, 120, 400
9	Diesel fuel oil	“	25, 839, 653	2, 233, 989	32, 386	913, 667
10	Other – Crude oil	“	222, 005	–	–	–
11	Total petroleum fuels	“	135, 793, 094	7, 432, 514	10, 778, 394	26, 222, 642
	Gas:					
12	Natural	M. cu. ft.	44, 129, 114	–	–	–
13	Manufactured		–	–	–	–
14	Total gas	M. cu. ft.	44, 129, 114	–	–	–
15	Other fuels – Propane	“	5, 646	–	–	–
	Cost of fuel:					
	Coal:					
16	Bituminous – Canadian	\$	11, 530, 073	–	–	5, 994, 515
17	Imported	\$	24, 609, 308	–	–	–
18	Sub-bituminous	\$	1, 996, 654	–	–	–
19	Saskatchewan lignite	\$	2, 044, 916	–	–	–
20	Other		–	–	–	–
21	Total coal	\$	40, 180, 951	–	–	5, 994, 515¹
	Petroleum fuels:					
22	Furnace fuel oil – Light	\$	349, 960	–	–	25, 408 ¹
23	Heavy	\$	6, 864, 708	362, 790	690, 878	1, 585, 097
24	Diesel fuel oil	\$	5, 110, 069	301, 830	4, 615	157, 754
25	Other – Crude oil	\$	20, 464	–	–	–
26	Total petroleum fuels	\$	12, 345, 201	664, 620	695, 493	1, 768, 259
	Gas:					
27	Natural	\$	7, 989, 336	–	–	–
28	Manufactured		–	–	–	–
29	Total gas	\$	7, 989, 336	–	–	–
30	Other fuels – Propane	\$	14, 593	–	–	–
31	Total all fuels	\$	60, 530, 081	664, 620	695, 493	7, 762, 774
32	Per cent of total for Canada		100. 00	1. 10	1. 15	12. 82

¹ See footnote at end of table.

TABLE 11. Fuel Used to Generate Electricity, 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
245,282	—	369,866	410	—	6,064	—	—	1
—	—	2,710,833	—	—	—	—	—	2
—	—	—	—	133,844	1,094,379	—	—	3
—	—	—	144,790	974,911	—	—	—	4
—	—	—	—	—	—	—	—	5
245,282 ¹	—	3,080,699 ¹	145,200 ¹	1,108,755	1,100,443	—	—	6
555,886 ¹	105,000	1,329,009 ¹	273,247 ¹	148,967	29,667	—	—	7
32,672,363	4,901,680	121,166	—	19,343,546	4,972,468	3,327,642	697,287	8
532,201	2,756,583	4,102,806	3,538,045	263,006	1,225,799	8,049,975	2,191,196	9
—	—	—	—	—	—	222,005	—	10
33,760,450	7,763,263	5,552,981	3,811,292	19,755,519	6,227,934	11,599,622	2,888,483	11
—	—	186,799	280,258	9,522,089	28,088,982	6,050,986	—	12
—	—	—	—	—	—	—	—	13
—	—	186,799	280,258	9,522,089	28,088,982	6,050,986	—	14
—	—	—	—	—	—	5,646	—	15
2,125,655	—	3,376,767	4,850	—	28,286	—	—	16
—	—	24,609,308	—	—	—	—	—	17
—	—	—	—	532,028	1,464,626	—	—	18
—	—	—	571,610	1,473,306	—	—	—	19
—	—	—	—	—	—	—	—	20
2,125,655 ¹	—	27,986,075 ¹	576,460 ¹	2,005,334	1,492,912	—	—	21
88,720 ¹	14,070	160,764 ¹	36,676 ¹	19,255	5,067	—	—	22
2,037,102	482,000	22,928	—	1,137,839	185,409	274,661	86,004	23
109,549	519,687	735,986	610,401	44,790	248,889	1,547,789	828,779	24
—	—	—	—	—	—	20,464	—	25
2,235,371	1,015,757	919,678	647,077	1,201,884	439,365	1,842,914	914,783	26
—	—	73,242	41,810	1,541,455	4,458,421	1,874,408	—	27
—	—	—	—	—	—	—	—	28
—	—	73,242	41,810	1,541,455	4,458,421	1,874,408	—	29
—	—	—	—	—	—	14,593	—	30
4,361,026	1,015,757	28,978,995	1,265,347	4,748,673	6,390,698	3,731,915	914,783	31
7.30	1.68	47.88	2.09	7.84	10.56	6.17	1.51	32

TABLE 11. Fuel Used to Generate Electricity, 1964 - 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	12,679	-	-	12,603
2	Imported	"	13,297	-	-	-
3	Sub-bituminous	"	8,069	-	-	-
4	Saskatchewan lignite	"	6,623	-	-	-
5	Other		-	-	-	-
	Petroleum fuels:					
6	Furnace fuel oil - Light	per Imp. gal.	165,223	-	-	165,957
7	Heavy	"	181,742	179,617	182,514	181,051
8	Diesel fuel oil	"	164,692	165,395	172,200	163,894
9	Other - Crude oil	"	166,000	-	-	-
	Gas:					
10	Natural	per stand. cu. ft. ²	1,025	-	-	-
11	Manufactured		-	-	-	-
12	Other fuels - Propane	per stand. cu. ft. ²	2,500	-	-	-
	Energy generated: ³					
	By coal:					
13	Bituminous - Canadian	'000 kwh.	2,638,061	-	-	1,087,471
14	Imported	"	7,359,330	-	-	-
15	Sub-bituminous	"	1,695,868	-	-	-
16	Saskatchewan lignite	"	1,011,882	-	-	-
17	Other		-	-	-	-
18	Total coal	'000 kwh.	12,705,141	-	-	1,087,471¹
	By petroleum fuels:					
19	Furnace fuel oil - Light	"	4,758	-	-	837 ¹
20	Heavy	"	1,438,217	56,970	123,324	352,741
21	Diesel fuel oil	"	337,513	31,263	658	12,414
22	Other - Crude oil	"	1,013	-	-	-
23	Total petroleum fuels	"	1,781,501	88,233	123,982	365,992
	By gas:					
24	Natural	"	3,388,241	-	-	-
25	Manufactured		-	-	-	-
26	Total gas	"	3,388,241	-	-	-
27	By other fuels	"	142,712	-	-	-
28	Total all fuels	"	18,017,595	88,233	123,982	1,453,463
29	Per cent of total for Canada		100.00	0.49	0.69	8.07

¹ Fuel oil used in coal-fired stations for initial steam-raising; no resulting generation, (124,984 Imp. gals. in Nova Scotia, 537,940 Imp. gals. in New Brunswick, 1,329,009 Imp. gals. in Ontario and 205,316 Imp. gals. in Manitoba).

² Standard cubic foot - 760 mm. mercury 60° F.

TABLE 11. Fuel Used to Generate Electricity, 1964 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
11,901	-	13,323	13,600	-	12,000	-	-	1
-	-	13,297	-	-	-	-	-	2
-	-	-	-	8,350	8,035	-	-	3
-	-	-	7,116	6,550	-	-	-	4
-	-	-	-	-	-	-	-	5
166,032	163,800	162,917	171,189	172,000	165,000	-	-	6
183,075	180,236	182,000	-	181,232	181,755	181,818	172,032	7
164,847	163,268	163,721	164,932	169,953	164,958	164,981	165,567	8
-	-	-	-	-	-	166,000	-	9
-	-	1,000	1,030	983	1,034	1,048	-	10
-	-	-	-	-	-	-	-	11
-	-	-	-	-	-	2,500	-	12
461,402	-	1,073,312	476	-	15,400	-	-	13
-	-	7,359,330	-	-	-	-	-	14
-	-	-	-	149,725	1,546,143	-	-	15
-	-	-	129,817	882,065	-	-	-	16
-	-	-	-	-	-	-	-	17
461,402 ¹	-	8,432,642 ¹	130,293 ¹	1,031,790	1,561,543	-	-	18
34 ¹	628	- ¹	712 ¹	1,947	600	-	-	19
475,280	74,222	1,645	-	223,643	71,389	47,059	11,944	20
7,868	37,206	53,999	30,245	3,754	15,375	119,427	25,304	21
-	-	-	-	-	-	1,013	-	22
483,182	112,056	55,644	30,957	229,344	87,364	167,499	37,248	23
-	-	18,585	18,386	650,772	2,100,702	599,796	-	24
-	-	-	-	-	-	-	-	25
-	-	18,585	18,386	650,772	2,100,702	599,796	-	26
-	-	141,407 ⁴	-	-	-	1,305 ⁵	-	27
944,584	112,056	8,648,278	179,636	1,911,906	3,749,609	768,600	37,248	28
5.24	0.62	48.00	1.00	10.61	20.81	4.26	0.21	29

¹ Net generation after deducting station service.⁴ Nuclear generation.⁵ Propane generation.

TABLE 12. Employees, wages, and Salaries, 1964

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities – Publicly and privately-operated:				
	Employees (excluding construction employees):				
1	Administrative No.	19,621	224	18	528
2	Operating "	23,584	548	162	1,125
3	Total employees "	43,205	772	180	1,653
4	Per cent of total for Canada	100.00	1.79	0.42	3.82
	Wages and salaries (excluding construction employees):				
5	Administrative \$'000	119,741	979	135	2,445
6	Operating "	127,539	1,738	651	5,071
7	Total wages and salaries "	247,280	2,717	786	7,516
8	Per cent of total for Canada	100.00	1.10	0.32	3.04
	Publicly-operated:				
	Employees (excluding construction employees):				
9	Administrative No.	18,288	—	7	168
10	Operating "	20,656	1	19	529
11	Total employees "	38,944	1	26	697
12	Per cent of total for Canada	100.00	0.00	0.07	1.79
	Wages and salaries (excluding construction employees):				
13	Administrative \$'000	112,295	—	37	730
14	Operating "	113,210	5	81	2,111
15	Total wages and salaries "	225,505	5	118	2,841
16	Per cent of total for Canada	100.00	0.00	0.05	1.26
	Privately-operated:				
	Employees (excluding construction employees):				
17	Administration No.	1,333	224	11	360
18	Operating "	2,928	547	143	596
19	Total employees "	4,261	771	154	956
20	Per cent of total for Canada	100.00	18.09	3.61	22.44
	Wages and salaries (excluding construction employees):				
21	Administrative \$'000	7,448	979	98	1,715
22	Operating "	14,327	1,733	570	2,960
23	Total wages and salaries "	21,775	2,712	668	4,675
24	Per cent of total for Canada	100.00	12.45	3.07	21.47

TABLE 12. Employees, Wages, and Salaries, 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
469	6,428	7,669	1,260	906	665	1,381	73	1
1,023	6,018	9,037	1,333	1,442	1,246	1,427	223	2
1,492	12,446	16,706	2,593	2,348	1,911	2,808	296	3
3.45	28.81	38.67	6.00	5.43	4.42	6.50	0.69	4
2,506	41,272	46,956	7,448	4,745	4,146	8,621	488	5
3,494	30,941	54,119	5,994	8,849	6,903	8,630	1,149	6
6,000	72,213	101,075	13,442	13,594	11,049	17,251	1,637	7
2.43	29.20	40.87	5.43	5.50	4.47	6.98	0.66	8
464	6,403	7,553	1,258	892	192	1,291	60	9
589	5,925	8,695	1,330	1,358	494	1,127	189	10
1,453	12,328	16,248	2,588	2,250	686	2,418	249	11
3.73	31.66	41.72	6.64	5.78	1.76	6.31	0.64	12
2,479	41,040	46,319	7,431	4,652	1,200	8,017	390	13
3,337	30,406	52,405	5,970	8,412	2,584	6,930	969	14
5,816	71,446	98,724	13,401	13,064	3,784	14,947	1,359	15
2.58	31.68	43.78	5.94	5.80	1.68	6.63	0.60	16
5	25	116	2	14	473	90	13	17
34	93	342	3	84	752	300	34	18
39	118	458	5	98	1,225	390	47	19
0.92	2.77	10.75	0.12	2.30	28.75	9.15	1.10	20
28	232	637	18	93	2,946	604	98	21
156	535	1,714	23	437	4,319	1,700	180	22
184	767	2,351	41	530	7,265	2,304	278	23
0.85	3.52	10.80	0.19	2.43	33.36	10.58	1.28	24

TABLE 13. Assets and Liabilities at End of Year, 1964

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	4, 128, 954	72, 864	9, 634	85, 252
2	Transmission	1, 670, 725	6, 214	1, 577	36, 411
3	Distribution	2, 084, 751	26, 638	6, 688	60, 081
4	Other property and equipment	479, 216	11, 651	265	10, 277
5	Construction in progress	1, 012, 655	50, 248	–	18, 427
6	Totals	9, 376, 301	167, 615	18, 164	210, 448
7	Accumulated depreciation	1, 710, 108	27, 605	4, 086	64, 731
8	Total, less depreciation	7, 666, 193	140, 010	14, 078	145, 717
9	Other fixed assets, less depreciation	61, 456	177	130	2, 115
10	Total fixed assets	7, 727, 649	140, 187	14, 208	147, 832
	Current assets:				
11	Cash on hand and in banks	50, 826	859	105	(140)
12	Temporary investments	67, 520	2, 789	–	2, 682
13	Accounts receivable (net)	170, 123	3, 275	548	4, 403
14	Inventories	94, 072	1, 095	389	1, 870
15	Other	16, 738	23	83	277
16	Total current assets	399, 279	8, 041	1, 125	9, 101
	Investments:				
17	In associated companies	210, 973	2, 384	–	1, 402
18	Reserve fund investments	284, 075	–	–	532
19	Other	245, 903	65	–	65
20	Total investments	740, 951	2, 449	–	1, 999
21	Deferred charges and prepaid expenses	213, 950	737	–	542
22	Other assets	48, 860	578	200	831
23	Total assets	9, 130, 689	151, 992	15, 533	160, 305
	Liabilities:				
24	Long-term debt	6, 115, 986	86, 264	7, 595	92, 684
	Current liabilities:				
25	Accounts payable and accrued liabilities	169, 008	3, 988	575	5, 380
26	Loans and notes payable	158, 544	5, 495	376	5, 168
27	Other	124, 635	1, 555	129	1, 037
28	Total current liabilities	452, 187	11, 038	1, 080	11, 585
29	Reserves	717, 094	310	44	3, 299
30	Deferred credits and other liabilities	421, 394	4, 241	1, 931	5, 761
	Capital and surplus:				
31	Share capital	168, 065	39, 024	751	24, 245
32	Surplus – Capital	174, 316	3, 268	1, 223	5, 421
33	Earned	1, 081, 647	7, 847	2, 909	17, 310
34	Total capital and surplus	1, 424, 028	50, 139	4, 883	46, 976
35	Total liabilities	9, 130, 689	151, 992	15, 533	160, 305

TABLE 13. Assets and Liabilities at End of Year, 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
97,361	1,161,904	1,690,244	209,547	156,172	141,551	483,584	20,841	1
49,256	427,260	751,251	49,100	86,144	96,974	162,904	3,634	2
49,834	508,655	686,411	177,607	130,786	104,172	332,546	1,333	3
7,192	188,253	160,710	20,234	31,291	12,988	34,399	1,956	4
17,925	519,116	126,122	121,685	19,608	25,124	104,948	9,452	5
221,568	2,805,188	3,414,738	578,173	424,001	380,809	1,118,381	37,216	6
42,114	527,518	563,258	94,950	83,768	99,425	195,283	7,370	7
179,454	2,277,670	2,851,480	483,223	340,233	281,384	923,098	29,846	8
117	20,977	23,677	—	—	7,212	47	7,004	9
179,571	2,298,647	2,875,157	483,223	340,233	288,596	923,145	36,850	10
622	1,747	35,094	5,072	(1,681)	5,060	2,299	1,789	11
3,060	29,271	18,630	2,600	63	632	7,792	1	12
7,559	48,735	61,624	7,049	8,269	7,801	19,075	1,785	13
1,160	17,754	44,789	5,253	5,360	5,589	7,526	1,278	14
85	3,757	7,018	2,166	1,120	1,534	649	76	15
13,436	101,264	167,155	22,140	14,131	20,616	37,341	4,929	16
—	13,201	39	5	30	3,132	190,184	596	17
1,791	7,570	185,413	34,832	50,884	1,371	669	1,013	18
31	7,697	197	9,331	260	34	228,222	1	19
1,822	28,468	185,649	44,168	51,174	4,537	419,075	1,610	20
3,395	4,179	169,151	10,272	6,739	1,043	17,866	26	21
593	31,300	13,139	71	1,814	173	155	6	22
198,817	2,463,858	3,410,251	559,874	414,091	314,965	1,397,582	43,421	23
167,969	1,765,222	2,110,117	448,899	327,464	141,885	939,613	28,274	24
7,259	56,003	40,535	3,412	10,407	7,183	32,543	1,723	25
—	121,564	794	9,329	—	14,555	198	1,065	26
11	486	33,472	52,101	3,444	3,897	28,300	203	27
7,270	178,053	74,801	64,842	13,851	25,635	61,041	2,991	28
12,241	458,955	136,783	39,232	620	20,440	42,717	2,453	29
61	18,667	12,976	3,844	46,758	38,212	288,918	25	30
1,380	21,490	12,226	30	21,429	32,723	7,552	7,215	31
3,038	9,803	136,851	—	1,549	7,385	5,403	375	32
6,858	11,668	926,497	3,027	2,420	48,685	52,338	2,088	33
11,276	42,961	1,075,574	3,057	25,398	88,793	65,293	9,678	34
198,817	2,463,858	3,410,251	559,874	414,091	314,965	1,397,582	43,421	35

TABLE 13. Assets and Liabilities at End of Year, 1964 - 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	3,738,011	60	1,203	41,401
2	Transmission	1,539,966	-	-	14,513
3	Distribution	1,911,394	3,383	802	27,478
4	Other property and equipment	448,058	-	27	2,717
5	Construction in progress	911,185	-	-	4,301
6	Totals	8,548,614	3,443	2,032	90,410
7	Accumulated depreciation	1,491,328	-	512	29,144
8	Total, less depreciation	7,057,286	3,443	1,520	61,266
9	Other fixed assets, less depreciation	48,848	-	130	847
10	Total fixed assets	7,106,134	3,443	1,650	62,113
	Current assets:				
11	Cash on hand and in banks	44,302	1	-	236
12	Temporary investments	61,007	-	-	176
13	Accounts receivable (net)	151,039	17	62	2,109
14	Inventories	86,236	-	73	213
15	Other	14,765	-	83	252
16	Total current assets	357,349	18	218	2,986
	Investments:				
17	In associated companies	203,385	-	-	-
18	Reserve fund investments	283,859	-	-	532
19	Other	245,347	-	-	63
20	Total investments	732,591	-	-	595
21	Deferred charges and prepaid expenses	207,372	-	-	303
22	Other assets	43,271	96	-	287
23	Total assets	8,446,717	3,557	1,868	66,284
	Liabilities:				
24	Long-term debt	5,804,893	-	421	51,673
	Current liabilities:				
25	Accounts payable and accrued liabilities	146,911	45	9	1,584
26	Loans and notes payable	135,104	-	86	4,111
27	Other	117,625	-	-	272
28	Total current liabilities	399,640	45	95	5,967
29	Reserves	707,362	-	44	3,149
30	Deferred credits and other liabilities	381,264	-	83	549
	Capital and surplus:				
31	Share capital	32,942	3,512	-	57
32	Surplus - Capital	155,014	-	1,147	4,422
33	Earned	965,602	-	78	467
34	Total capital and surplus	1,153,558	3,512	1,225	4,946
35	Total liabilities	8,446,717	3,557	1,868	66,284

TABLE 13. Assets and Liabilities at End of Year, 1964 - Continued

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
95,562	1,085,550	1,641,444	209,547	144,244	21,402	478,137	19,461	1
48,936	420,636	739,065	49,100	85,014	23,045	156,313	3,344	2
48,063	498,161	673,283	177,146	130,568	46,472	306,038	—	3
6,845	187,632	158,353	20,086	30,510	8,104	32,283	1,501	4
14,533	514,418	122,157	121,685	19,608	341	104,693	9,449	5
213,939	2,706,397	3,334,302	577,564	409,944	99,364	1,077,464	33,755	6
41,387	501,366	533,863	94,658	72,324	33,715	178,039	6,320	7
172,552	2,205,031	2,800,439	482,906	337,620	65,649	899,425	27,435	8
117	20,740	13,178	—	—	6,785	47	7,004	9
172,669	2,225,771	2,813,617	482,906	337,620	72,434	899,472	34,439	10
519	1,602	34,272	5,045	(1,752)	669	1,970	1,740	11
2,560	29,102	18,140	2,600	63	588	7,778	—	12
7,499	46,824	57,428	7,004	8,238	2,192	18,284	1,382	13
2,140	17,688	44,269	5,253	6,106	2,596	6,691	1,207	14
35	3,174	6,799	2,166	1,120	456	605	75	15
12,753	98,390	160,908	22,068	13,775	6,501	35,328	4,404	16
—	13,201	—	—	—	—	190,184	—	17
1,791	7,472	185,413	34,832	50,884	1,921	6	1,008	18
15	7,697	17	9,331	—	21	228,203	—	19
1,806	28,370	185,430	44,163	50,884	1,942	418,393	1,008	20
3,297	42	168,850	10,272	6,735	30	17,820	23	21
496	27,280	13,127	71	1,728	33	153	—	22
191,021	2,379,853	3,341,932	559,480	410,742	80,940	1,371,166	39,874	23
164,963	1,730,698	2,087,380	448,899	327,414	36,590	928,965	27,890	24
7,212	52,535	37,810	3,385	10,114	1,267	31,455	1,495	25
—	121,096	265	9,329	—	45	172	—	26
11	471	33,396	51,839	3,398	186	27,966	86	27
7,223	174,102	71,471	64,553	13,512	1,498	59,593	1,581	28
12,241	453,077	136,741	39,232	613	17,625	42,319	2,321	29
61	10,497	12,908	3,769	46,731	17,994	288,672	—	30
—	859	116	—	20,923	5	467	7,003	31
2,578	8,426	125,090	—	1,549	6,563	5,239	—	32
3,955	2,194	908,226	3,027	—	665	45,911	1,079	33
6,533	11,479	1,033,432	3,027	22,472	7,233	51,617	8,082	34
191,021	2,379,853	3,341,932	559,480	410,742	80,940	1,371,166	39,874	35

TABLE 13. Assets and Liabilities at End of Year, 1964 - 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	390,943	72,804	8,431	43,851
2	Transmission	130,759	6,214	1,577	21,898
3	Distribution	173,357	23,255	5,886	32,603
4	Other property and equipment	31,158	11,651	238	7,560
5	Construction in progress	101,470	50,248	-	14,126
6	Totals	827,687	164,172	16,132	120,038
7	Accumulated depreciation	218,780	27,605	3,574	35,587
8	Total, less depreciation	608,907	136,567	12,558	84,451
9	Other fixed assets, less depreciation	12,608	177	-	1,268
10	Total fixed assets	621,515	136,744	12,558	85,719
	Current assets:				
11	Cash on hand and in banks	6,524	858	105	(376)
12	Temporary investments	6,513	2,789	-	2,506
13	Accounts receivable (net)	19,084	3,258	486	2,294
14	Inventories	7,836	1,095	316	1,660
15	Other	1,973	23	-	25
16	Total current assets	41,930	8,023	907	6,115
	Investments:				
17	In associated companies	7,588	2,384	-	1,402
18	Reserve fund investments	216	-	-	-
19	Other	556	65	-	2
20	Total investments	8,360	2,449	-	1,404
21	Deferred charges and prepaid expenses	6,578	737	-	239
22	Other assets	5,589	482	200	544
23	Total assets	683,972	148,435	13,665	94,021
	Liabilities:				
24	Long-term debt	311,093	86,264	7,174	41,011
	Current liabilities:				
25	Accounts payable and accrued liabilities	22,097	3,943	566	3,796
26	Loans and notes payable	23,440	5,495	290	1,057
27	Other	7,010	1,555	129	765
28	Total current liabilities	52,547	10,993	985	5,618
29	Reserves	9,732	310	-	150
30	Deferred credits and other liabilities	40,130	4,241	1,848	5,212
	Capital and surplus:				
31	Share capital	135,123	35,512	751	24,188
32	Surplus - Capital	19,302	3,268	76	999
33	Earned	116,045	7,847	2,831	16,842
34	Total capital and surplus	270,470	46,627	3,658	42,030
35	Total liabilities	683,972	148,435	13,665	94,021

TABLE 13. Assets and Liabilities at End of Year, 1964 — Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
1,799	76,354	48,800	—	11,928	120,149	5,447	1,380	1
320	6,624	12,186	—	1,130	73,929	6,591	290	2
1,771	10,494	13,128	461	218	57,700	26,508	1,333	3
347	621	2,357	148	781	4,884	2,116	455	4
3,392	4,698	3,965	—	—	24,783	255	3	5
7,629	98,791	80,436	609	14,057	281,445	40,917	3,461	6
727	26,152	29,395	292	11,444	65,710	17,244	1,050	7
6,902	72,639	51,041	317	2,613	215,735	23,673	2,411	8
—	237	10,499	—	—	427	—	—	9
6,902	72,876	61,540	317	2,613	216,162	23,673	2,411	10
103	145	822	27	71	4,391	329	49	11
500	169	490	—	—	44	14	1	12
60	1,911	4,196	45	31	5,609	791	403	13
20	66	520	—	254	2,993	835	71	14
—	583	219	—	—	1,078	44	1	15
683	2,874	6,247	72	356	14,115	2,013	525	16
—	—	39	5	30	3,132	—	596	17
—	98	—	—	—	(550)	66	5	18
16	—	180	—	260	13	19	1	19
16	98	219	5	290	2,595	682	602	20
98	4,137	301	—	4	1,013	46	3	21
97	4,020	12	—	86	140	2	6	22
7,796	84,005	68,319	394	3,349	234,025	26,416	3,547	23
3,006	34,524	22,737	—	50	105,295	10,648	384	24
47	3,468	2,725	27	293	5,916	1,088	228	25
—	468	529	—	—	14,510	26	1,065	26
—	15	76	262	46	3,711	334	117	27
47	3,951	3,330	289	339	24,137	1,448	1,410	28
—	5,878	42	—	7	2,815	398	132	29
—	8,170	68	75	27	20,218	246	25	30
1,380	20,631	12,110	30	506	32,718	7,085	212	31
460	1,377	11,761	—	—	822	164	375	32
2,903	9,474	18,271	—	2,420	48,020	6,427	1,009	33
4,743	31,482	42,142	30	2,926	81,560	13,676	1,596	34
7,796	84,005	68,319	394	3,349	234,025	26,416	3,547	35

TABLE 14. Income Account, 1964

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	1,284,433	20,260	3,803	42,523
2	Other	23,860	495	8	500
3	Total operating revenue	1,308,293	20,755	3,811	43,023
	Operating expense:				
4	Operation, maintenance and administration	430,237	5,859	1,760	19,615
5	Power purchased	259,483	1,047	83	6,117
6	Depreciation	178,525	4,182	578	6,113
7	Total operating expense	868,245	11,088	2,421	31,845
8	Operating income	440,048	9,667	1,390	11,178
9	Other income	25,490	158	—	88
10	Total income	465,538	9,825	1,390	11,266
	Income deductions:				
11	Interest on long-term debt	267,664	4,318	320	3,996
12	Income tax	20,695	2,551	366	3,038
13	Other deductions	61,887	256	89	243
14	Total income deductions	350,246	7,125	775	7,277
15	Net income	115,292	2,700	615	3,989
	Publicly-operated:				
	Operating revenue:				
16	Sale of electricity ¹	1,133,281	22	520	14,150
17	Other	20,314	46	8	80
18	Total operating revenue	1,153,595	68	528	14,230
	Operating expense:				
19	Operation, maintenance and administration	373,025	158	189	5,923
20	Power purchased	244,461	—	83	2,887
21	Depreciation	157,243	—	62	2,536
22	Total operating expense	774,729	158	334	11,346
23	Operating income	378,866	(90)	194	2,884
24	Other income	24,566	—	—	51
25	Total income	403,432	(90)	194	2,935
	Income deductions:				
26	Interest on long-term debt	252,989	—	20	2,493
27	Income tax	127	—	—	—
28	Other deductions	56,347	—	63	230
29	Total income deductions	309,463	—	83	2,723
30	Net income	93,969	(90)	111	212
	Privately-operated:				
	Operating revenue:				
31	Sale of electricity ¹	151,152	20,238	3,283	28,373
32	Other	3,546	449	—	420
33	Total operating revenue	154,698	20,687	3,283	28,793
	Operating expense:				
34	Operation, maintenance and administration	57,212	5,701	1,571	13,692
35	Power purchased	15,022	1,047	—	3,230
36	Depreciation	21,282	4,182	516	3,577
37	Total operating expense	93,516	10,930	2,087	20,499
38	Operating income	61,182	9,757	1,196	8,294
39	Other income	924	158	—	37
40	Total income	62,106	9,915	1,196	8,331
	Income deductions:				
41	Interest on long-term debt	14,675	4,318	300	1,503
42	Income tax	20,568	2,551	366	3,038
43	Other deductions	5,540	256	26	13
44	Total income deductions	40,783	7,125	692	4,554
45	Net income	21,323	2,790	504	3,777

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 5.

TABLE 14. Income Account, 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
36,446	297,372	569,079	52,952	55,030	86,747	115,121	5,100	1
359	8,140	8,367	1,003	162	768	2,501	1,557	2
36,805	305,512	577,446	53,955	55,192	87,515	117,622	6,657	3
15,215	109,332	173,617	19,987	19,104	25,019	37,189	3,540	4
5,570	23,866	192,234	4,364	3,337	15,880	6,083	902	5
6,117	47,702	55,481	11,794	11,455	9,919	24,496	688	6
26,902	180,900	421,332	36,145	33,896	50,818	67,768	5,130	7
9,903	124,612	156,114	17,810	21,296	36,697	49,854	1,527	8
54	18,945	240	2,601	2,947	359	1	97	9
9,957	143,557	156,354	20,411	24,243	37,056	49,855	1,624	10
7,355	77,585	98,678	14,161	15,372	7,039	38,076	764	11
81	2,010	3,837	—	233	7,403	953	223	12
1,545	19,826	29,898	1,819	680	7,076	404	51	13
8,981	99,421	132,413	15,980	16,285	21,518	39,433	1,038	14
976	44,136	23,941	4,431	7,958	15,538	10,422	586	15
34,247	284,226	543,855	52,408	53,449	40,173	107,269	2,962	16
355	7,212	6,701	1,001	160	768	2,432	1,551	17
34,602	291,438	550,556	53,409	53,609	40,941	109,701	4,513	18
14,579	103,797	162,470	19,922	18,289	10,220	34,552	2,926	19
4,318	23,302	187,491	3,903	3,225	15,014	4,238	—	20
6,031	45,436	53,656	11,774	11,173	2,610	23,426	539	21
24,928	172,535	403,617	35,599	32,687	27,844	62,216	3,465	22
9,674	118,903	146,939	17,810	20,922	13,097	47,485	1,048	23
—	18,805	16	2,601	2,945	91	1	56	24
9,674	137,708	146,955	20,411	23,867	13,188	47,486	1,104	25
7,166	76,054	97,621	14,161	15,366	1,701	37,659	748	26
—	38	35	—	45	—	9	—	27
1,623	19,480	29,826	1,819	680	2,294	332	—	28
8,789	95,572	127,482	15,980	16,091	3,995	38,000	748	29
885	42,136	19,473	4,431	7,776	9,193	9,486	356	30
2,199	13,146	25,224	544	1,581	46,574	7,852	2,138	31
4	928	1,666	2	2	—	69	6	32
2,203	14,074	26,890	546	1,583	46,574	7,921	2,144	33
636	5,535	11,147	65	815	14,799	2,637	614	34
1,252	564	4,743	461	112	866	1,845	902	35
86	2,266	1,825	20	282	7,309	1,070	149	36
1,974	8,365	17,715	546	1,209	22,974	5,552	1,665	37
229	5,709	9,175	—	374	23,600	2,369	479	38
54	140	224	—	2	268	—	41	39
283	5,849	9,399	—	376	23,868	2,369	520	40
189	1,531	1,057	—	6	5,338	417	16	41
81	1,972	3,802	—	188	7,403	944	223	42
(78)	346	72	—	—	4,782	72	51	43
192	3,849	4,931	—	194	17,523	1,433	290	44
91	2,000	4,468	—	182	6,345	936	230	45

TABLE 15. Taxes, 1964

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities – Publicly and privately-operated:				
1	Municipal	26,550	105	16	1,675
2	Provincial	25,380	29	—	16
3	Federal	2,613	48	—	1
4	Total taxes	54,543	182	16	1,692
5	Per cent of total for Canada	100.00	0.33	0.03	3.10
	Publicly-operated:				
6	Municipal	21,429	—	16	235
7	Provincial	24,343	—	—	—
8	Federal	1,980	—	—	—
9	Total taxes	47,752	—	16	235
10	Per cent of total for Canada	100.00	—	0.03	0.49
	Privately-operated:				
11	Municipal	5,121	105	—	1,440
12	Provincial	1,037	29	—	16
13	Federal	633	48	—	1
14	Total taxes	6,791	182	—	1,457
15	Per cent of total for Canada	100.00	2.68	—	21.45

¹ Includes \$19,621,000 "Levy on production".

TABLE 16. Capital and Repair Expenditures.¹ 1963 - 64

No.		1963						Grand total
		Electric utilities ²			Other industries			
		Capital	Repair	Total	Capital	Repair	Total	
		thousands of dollars						
1	Electric power generating plants including water conveying and controlling structures.....	204,600	10,200	214,800	2,200	3,800	6,000	220,800
2	Electric transformer stations	30,700	5,900	36,600	4,900	700	5,600	42,200
3	Power transmission and distribution	168,800	30,300	199,100	5,800	2,900	8,700	207,800
4	Street lighting	7,200	2,800	10,000	7,000	4,800	11,800	21,800
5	Total generating transmission and distribution facilities	411,300	49,200	460,500	19,900	12,200	32,100	492,600
6	Dams and reservoirs	34,400	400	34,800	...	...	...	...
7	Other facilities	13,300	2,200	15,500	...	...	...	...
8	Totals	459,000	51,800	510,800	...	...	...	...
9	Machinery and equipment	153,900	33,100	187,000	...	...	...	...
10	Total electric utilities	612,900	84,900	697,800	...	...	...	...

¹ Compiled by Business Finance Division, DBS.

TABLE 15. Taxes, 1964

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
174	8,750	7,591	331	783	3,203	3,908	14	1
12	20,333 ¹	391	602	44	233	3,720	—	2
7	582	1,975	—	—	—	—	—	3
193	29,665	9,957	933	827	3,436	7,628	14	4
0.35	54.39	18.26	1.71	1.52	6.30	13.99	0.02	5
97	7,966	6,798	331	779	1,636	3,571	—	6
3	19,637 ¹	386	602	41	23	3,651	—	7
7	—	1,973	—	—	—	—	—	8
107	27,603	9,157	933	820	1,659	7,222	—	9
0.22	57.81	19.18	1.95	1.72	3.48	15.12	—	10
77	784	793	—	4	1,567	337	14	11
9	696	5	—	3	210	69	—	12
—	582	2	—	—	—	—	—	13
86	2,062	800	—	7	1,777	406	14	14
1.27	30.36	11.78	—	0.10	26.17	5.98	0.21	15

TABLE 16. Capital and Repair Expenditures,¹ 1963-64

1964							Grand total	No.
Electric utilities ²			Other industries					
Capital	Repairs	Total	Capital	Repairs	Total			
thousands of dollars								
181,300	9,500	190,800	6,600	3,600	10,200	201,000	1	
79,700	4,400	84,100	8,200	1,100	9,300	93,400	2	
213,400	34,700	248,100	7,000	2,700	9,700	257,800	3	
7,000	2,600	9,600	6,800	4,200	11,000	20,600	4	
481,400	51,200	532,600	28,600	11,600	40,200	572,800	5	
77,600	500	78,100	...	...	...	...	6
23,600	2,000	25,600	...	...	...	...	7
582,600	53,700	636,300	...	...	...	...	8
146,400	40,000	186,400	...	...	...	...	9
729,000	93,700	822,700	...	...	...	...	10

² Includes Aluminum Company of Canada Ltd.

TABLE 17. Supply and Disposal of Electric Energy, 1951 - 62
Canada

No.		1951	1952	1953	1954
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	46,096,297	49,578,034	49,408,537	53,009,910
2	Industries	12,158,002	12,783,682	15,113,309	16,320,565
3	Totals	58,254,299	62,361,716	64,521,846	69,330,475
	Thermal-generation (net):				
4	Utilities	1,775,562	2,293,147	3,836,239	3,282,190
5	Industries	1,745,851	1,841,658	1,942,785	1,926,917
6	Totals	3,521,413	4,134,805	5,779,024	5,209,107
7	Grand total generation (3 + 6)	61,775,712	66,496,521	70,300,870	74,539,582
8	Imports from United States	8,956	19,985	180,637	119,024
9	Imports from other provinces .....	...	...	...	...
10	Total supply of electric energy (7 + 8 + 9)	61,784,668	66,516,506	70,481,507	74,658,606
	Disposal of electric energy:				
11	Residential and farm	7,726,114	8,741,182	9,877,727	11,280,513
	Manufacturing consumption:				
12	Pulp and paper	13,142,684	13,972,041	14,700,541	15,376,028
13	Smelting and refining	10,800,837	12,045,222	13,311,547	13,675,773
14	Chemicals	3,905,452	3,709,041	3,895,608	4,196,480
15	Primary iron and steel	2,363,325	2,600,279	1,927,431	1,578,564
16	Abrasives	1,121,261	934,275	1,029,784	790,159
17	Other manufacturing	5,544,304	5,806,352	6,404,683	6,776,410
18	Total manufacturing consumption (12 to 17)	36,877,863	39,067,210	41,269,594	42,393,414
19	Mining consumption	2,813,306	2,942,388	2,914,609	3,129,504
20	Total industrial consumption (18 + 19)	39,691,169	42,009,598	44,184,203	45,522,918
	Commercial and other consumption:				
21	At power rates	2,739,879	3,426,038	3,300,122	3,720,320
22	At commercial rates	3,152,501	3,489,248	3,881,423	4,210,156
23	Street lighting	320,722	348,246	379,815	406,609
24	Totals (21 + 22 + 23)	6,213,102	7,263,532	7,561,360	8,337,085
25	Line loss, free service and unaccounted for	5,778,761	6,008,984	6,434,187	6,799,782
26	Residual error of estimate	—	—	—	—
27	Total domestic disposal (11 + 18 + 19 + 24 + 25 + 26)	59,409,146	64,023,296	68,057,477	71,940,298
28	Total exports to United States	2,375,522	2,493,210	2,424,030	2,718,308
29	Total exports to other provinces .....	...	...	...	...
30	Total disposal of electric energy (27 + 28 + 29)	61,784,668	66,516,506	70,481,507	74,658,606

TABLE 17. Supply and Disposal of Electric Energy, 1951-62
Canada

1955	1956	1957	1958	1959	1960	1961	1962	No.
thousands of kilowatt-hours								
59,773,529	64,242,172	66,040,067	71,171,268	77,767,745	83,202,548	82,325,864	81,343,560	1
16,950,871	17,613,568	17,333,153	19,337,932	19,272,085	22,680,225	21,593,377	22,707,164	2
76,724,400	81,855,740	83,373,220	90,509,200	97,039,830	105,882,773	103,919,241	104,050,724	3
3,340,340	4,403,530	5,482,927	4,781,864	5,281,140	5,953,853	7,062,771	10,752,536	4
2,156,564	2,195,339	2,258,608	2,234,525	2,349,588	2,620,568	2,731,306	2,665,488	5
5,496,904	6,598,869	7,741,535	7,016,389	7,630,728	8,574,421	9,794,077	13,418,024	6
82,221,304	88,454,609	91,114,755	97,525,589	104,670,558	114,457,194	113,713,318	117,468,748	7
158,562	239,173	832,974	245,062	512,002	356,878	1,394,014	2,778,709	8
...	...	...	...	...	...	...	...	9
82,379,866	88,693,782	91,947,729	97,770,651	105,182,560	114,814,072	115,107,332	120,247,457	10
12,713,204	14,338,789	15,857,618	17,290,984	19,007,111	20,397,014	21,975,672	23,692,010	11
15,177,125	15,231,703	16,049,923	18,287,599	19,371,127	20,916,595	20,821,332	20,182,620	12
15,196,100	15,375,544	14,954,989	16,372,053	15,902,306	19,735,198	18,032,758	18,528,551	13
4,247,488	4,481,714	4,831,978	5,766,263	5,947,417	6,411,146	6,207,780	6,275,377	14
2,211,757	2,676,761	2,553,634	1,818,214	2,303,183	2,512,295	2,615,444	2,895,927	15
1,034,460	1,127,217	1,201,933	902,249	1,070,648	1,162,801	979,495	970,525	16
7,339,494	8,225,143	8,681,987	9,080,782	10,331,732	10,686,698	10,872,023	11,657,482	17
45,206,424	47,118,082	48,274,444	52,227,160	54,926,413	61,424,733	59,528,832	60,510,482	18
3,427,535	4,075,465	4,339,053	4,649,256	4,809,849	4,928,387	4,825,625	4,987,875	19
48,633,959	51,193,547	52,613,497	56,876,416	59,736,262	66,353,120	64,354,457	65,498,357	20
4,152,463	4,155,401	3,717,537	3,604,434	4,556,867	4,032,465	4,906,960 ^F	5,472,107	21
4,690,922	5,191,465	5,974,378	6,414,986	6,874,678	7,943,258	8,780,988	9,833,025	22
435,677	473,726	511,439	554,733	584,704	656,759	726,813	819,121	23
9,279,062	9,820,592	10,203,354	10,574,153	12,016,249	12,632,482	14,414,761 ^F	16,124,253	24
7,320,181	8,232,578	8,378,087	8,784,705	9,634,157	10,391,756	10,523,046	10,748,100	25
—	4,607	62,693	158,475	195,737	— 472,152	— 318,135 ^F	72,326	26
77,946,406	83,590,113	87,115,249	93,684,733	100,589,516	109,302,220	110,949,801	116,135,046	27
4,433,460	5,103,669	4,832,480	4,085,918	4,593,044	5,511,852	4,157,531	4,112,411	28
...	...	...	...	...	...	...	...	29
82,379,866	88,693,782	91,947,729	97,770,651	105,182,560	114,814,072	115,107,332	120,247,457	30

**TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Newfoundland**

No.		1951	1952	1953	1954
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	170,898	228,875	247,187	274,213
2	Industries	859,125	930,757	868,222	873,298
3	Totals	1,030,023	1,159,632	1,115,409	1,147,511
	Thermal-generation (net):				
4	Utilities	1,538	4,416	4,240	5,564
5	Industries	25,000	30,000	25,000	25,506
6	Totals	26,538	34,416	29,240	31,070
7	Grand total generation (3 + 6)	1,056,561	1,194,048	1,144,649	1,178,581
8	Imports from United States	—	—	—	—
9	Imports from other provinces	—	—	—	—
10	Total supply of electric energy (7 + 8 + 9)	1,056,561	1,194,048	1,144,649	1,178,581
	Disposal of electric energy:				
11	Residential and farm	48,258	61,577	71,977	87,089
	Manufacturing consumption:				
12	Pulp and paper				
13	Smelting and refining				
14	Chemicals				
15	Primary iron and steel				
16	Abrasives				
17	Other manufacturing				
18	Total manufacturing consumption (12 to 17)	886,029	968,566	913,508	917,464
19	Mining consumption	52,025	56,007	60,599	66,928
	Total industrial consumption (18 + 19)	938,054	1,024,573	974,107	984,392
	Commercial and other consumption:				
21	At power rates	30,124	55,824	35,476	41,630
22	At commercial rates	16,618	22,928	22,556	25,296
23	Street lighting	2,737	3,823	3,859	3,979
24	Totals (21 + 22 + 23)	49,479	82,575	61,891	70,905
25	Line loss, free service and unaccounted for	20,770	25,323	36,674	36,195
26	Residual error of estimate	—	—	—	—
27	Total provincial disposal (11+18+19+24+25+26)	1,056,561	1,194,048	1,144,649	1,178,581
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	—	—	—	—
30	Total disposal of electric energy (27 + 28 + 29)	1,056,561	1,194,048	1,144,649	1,178,581

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Newfoundland

1955	1956	1957	1958	1959	1960	1961	1962	No.
thousands of kilowatt-hours								
704,797	1,009,291	969,891	983,499	1,009,845	1,036,514	935,851	1,156,732	1
561,130	351,454	343,505	357,344	360,981	388,163	384,701	393,784	2
1,265,927	1,360,745	1,313,396	1,340,843	1,370,826	1,424,677	1,320,552	1,550,516	3
6,658	2,967	12,524	8,576	35,665	47,198	86,751	67,315	4
30,910	32,334	49,789	61,753	42,147	39,684	50,257	44,820	5
37,568	35,301	62,313	70,329	77,812	86,882	137,008	112,135	6
1,303,495	1,396,046	1,375,709	1,411,172	1,448,638	1,511,559	1,457,560	1,662,651	7
-	-	-	-	-	-	-	-	8
-	-	8,504	-	-	-	-	-	9
1,303,495	1,396,046	1,384,213	1,411,172	1,448,638	1,511,559	1,457,560	1,662,651	10
102,400	121,714	132,678	138,766	160,820	169,481	179,761	195,367	11
								12
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								16
								17
969,733	966,182	911,183	929,525	944,966	953,905	890,727	995,771	18
73,438	98,066	108,130	107,251	111,130	118,300	133,410	201,346	19
1,043,171	1,064,248	1,019,313	1,036,776	1,056,096	1,072,205	1,024,137	1,197,117	20
47,574	42,231	39,839	38,357	34,949	41,955	31,382	18,566	21
29,271	32,642	35,511	37,969	41,809	50,429	57,960	62,739	22
4,411	3,883	4,073	4,112	4,429	5,065	5,351	5,638	23
81,256	78,756	79,423	80,438	81,187	97,449	94,693	86,943	24
75,668	104,391	110,663	110,963	113,141	103,924	102,712	101,824	25
-	- 4,559	- 2,484	7,255	- 3,899	- 16,214	- 18,967	-	26
1,303,495	1,364,550	1,339,593	1,374,198	1,407,345	1,426,845	1,382,336	1,581,251	27
-	-	-	-	-	-	-	-	28
-	31,496	44,620	36,974	41,293	84,714	75,224	81,400	29
1,303,495	1,396,046	1,384,213	1,411,172	1,448,638	1,511,559	1,457,560	1,662,651	30

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Prince Edward Island

No.		1951	1952	1953	1954
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	565	509	366	645
2	Industries	—	—	—	—
3	Totals	565	509	366	645
	Thermal-generation (net):				
4	Utilities	32,203	35,370	39,073	41,869
5	Industries	—	—	—	7
6	Totals	32,203	35,370	39,073	41,876
7	Grand total generation (3+6)	32,768	35,879	39,439	42,521
8	Imports from the United States	—	—	—	—
9	Imports from other provinces	—	—	—	—
10	Total supply of electric energy (7+8+9)	32,768	35,879	39,439	42,521
	Disposal of electric energy:				
11	Residential and farm	11,479	11,954	13,042	14,053
	Manufacturing consumption:				
12	Pulp and paper				
13	Smelting and refining				
14	Chemicals				
15	Primary iron and steel				
16	Abrasives				
17	Other manufacturing				
18	Total manufacturing consumption (12 to 17)	3,614	3,656	4,275	5,023
19	Mining consumption	—	—	—	—
20	Total industrial consumption (18+19)	3,614	3,656	4,275	5,023
	Commercial and other consumption:				
21	At power rates	2,864	3,604	4,515	4,739
22	At commercial rates	10,063	10,926	11,094	11,660
23	Street lighting	521	620	766	808
24	Totals (21+22+23)	13,448	15,150	16,375	17,207
25	Line loss, free service and unaccounted for	4,227	5,119	5,747	6,238
26	Residual error of estimate	—	—	—	—
27	Total provincial disposal (11+18+19+24+25+26)	32,768	35,879	39,439	42,521
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	—	—	—	—
30	Total disposal of electric energy (27+28+29)	32,768	35,879	39,439	42,521

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Prince Edward Island

1955	1956	1957	1958	1959	1960	1961	1962	No.
thousands of kilowatt-hours								
545	441	370	537	340	415	407	407	1
—	—	—	—	—	—	—	—	2
545	441	370	537	340	415	407	407	3
45,885	51,355	56,613	62,492	70,802	79,037	88,150	101,347	4
7	7	5	5	—	—	—	—	5
45,892	51,362	56,618	62,497	70,802	79,037	88,150	101,347	6
46,437	51,803	56,988	63,034	71,142	79,452	88,557	101,754	7
—	—	—	—	—	—	—	—	8
—	—	—	—	—	—	—	—	9
46,437	51,803	56,988	63,034	71,142	79,452	88,557	101,754	10
15,789	18,957	20,560	23,103	27,033	30,130	38,314 ^r	39,140	11
								12
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								16
								17
4,987	5,568	5,746	5,727	8,983	8,870	8,557	12,198	18
—	—	—	—	—	—	—	49	19
4,987	5,568	5,746	5,727	8,983	8,870	8,557	12,247	20
5,160	2,503	2,131	2,994	2,959	5,312	2,972	- 1,362	21
12,420	15,861	18,088	19,507	19,894	20,511	24,746	35,233	22
785	803	995	1,017	1,238	1,208	1,037	1,450	23
18,365	19,167	21,214	23,518	24,091	27,031	28,755	35,321	24
7,296	8,012	9,375	10,582	11,035	13,421	12,931	15,046	25
—	99	93	104	—	—	—	—	26
46,437	51,803	56,988	63,034	71,142	79,452	88,557	101,754	27
—	—	—	—	—	—	—	—	28
—	—	—	—	—	—	—	—	29
46,437	51,803	56,988	63,034	71,142	79,452	88,557	101,754	30

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Nova Scotia

No.		1951	1952	1953	1954
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	494,418	458,912	469,948	526,928
2	Industries	102,743	98,494	90,167	67,648
3	Totals	597,161	557,406	560,115	594,576
	Thermal-generation (net):				
4	Utilities	331,055	456,665	505,560	561,116
5	Industries	137,328	138,376	160,811	137,743
6	Totals	468,383	595,041	666,371	698,859
7	Grand total generation (3+6).....	1,065,544	1,152,447	1,226,486	1,293,435
8	Imports from the United States	—	—	—	—
9	Imports from other provinces	—	—	—	—
10	Total supply of electric energy (7+8+9)	1,065,544	1,152,447	1,226,486	1,293,435
	Disposal of electric energy:				
11	Residential and farm	168,349	189,712	222,194	248,343
	Manufacturing consumption:				
12	Pulp and paper				
13	Smelting and refining				
14	Chemicals				
15	Primary iron and steel				
16	Abrasives				
17	Other manufacturing				
18	Total manufacturing consumption (12 to 17)	444,321	472,483	498,226	485,350
19	Mining consumption	159,995	173,411	177,775	183,701
20	Total industrial consumption (18+19)	604,316	645,894	676,001	669,051
	Commercial and other consumption:				
21	At power rates	81,063	100,528	109,302	121,391
22	At commercial rates	76,959	85,315	89,784	96,352
23	Street lighting	8,527	8,796	9,065	9,348
24	Totals (21+22+23)	166,549	194,639	208,151	227,091
25	Line loss, free service and unaccounted for	120,101	115,560	113,230	141,714
26	Residual error of estimate	—	—	—	—
27	Total provincial disposal (11+18+19+24+25+26)	1,059,315	1,145,805	1,219,576	1,286,199
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	6,229	6,642	6,910	7,236
30	Total disposal of electric energy (27+28+29)	1,065,544	1,152,447	1,226,486	1,293,435

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Nova Scotia

1955	1956	1957	1958	1959	1960	1961	1962	No.
thousands of kilowatt-hours								
499,038	554,685	498,183	606,264	640,255	618,855	512,225	676,660	1
40,937	37,676	28,310	39,336	39,195	36,309	31,785	38,740	2
539,975	592,361	526,493	645,600	679,450	655,164	544,010	715,400	3
697,403	761,004	857,135	793,202	852,688	1,042,399	1,183,598	1,098,361	4
137,560	127,863	150,209	123,940	117,904	116,370	133,525	135,328	5
834,963	888,867	1,007,344	917,142	970,592	1,158,769	1,317,123	1,233,689	6
1,374,938	1,481,228	1,533,837	1,562,742	1,650,042	1,813,933	1,861,133	1,949,089	7
-	-	-	-	-	-	-	-	8
-	-	-	-	-	588	15,214	62,699	9
1,374,938	1,481,228	1,533,837	1,562,742	1,650,042	1,814,521	1,876,347	2,011,788	10
381,846	319,243	356,000	385,465	434,396	461,926	512,244	561,430	11
								12
								13
								14
								15
								16
								17
497,592	545,385	528,384	479,427	508,055	590,368	546,939	581,945	18
184,044	184,646	171,895	175,908	156,993	152,588	146,654	143,710	19
681,636	730,031	700,279	655,335	665,048	742,956	693,593	725,655	20
143,724	154,563	162,897	177,123	196,787	175,749	203,664	229,440	21
102,862	109,906	121,300	126,006	131,068	138,477	156,025	169,898	22
10,054	10,322	10,046	12,111	12,715	14,261	17,256	19,149	23
256,640	274,791	294,243	315,240	340,570	328,487	376,945	418,487	24
146,905	156,539	171,677	148,761	150,177	206,565	219,795	230,194	25
-	- 7,610	2,780	47,992	45,867	- 6,601	- 25,885	- 20	26
1,367,027	1,472,994	1,524,979	1,552,793	1,636,058	1,733,333	1,776,692	1,935,746	27
-	-	-	-	-	-	-	-	28
7,911	8,234	8,858	9,949	13,984	81,188	99,655	76,042	29
1,374,938	1,481,228	1,533,837	1,562,742	1,650,042	1,814,521	1,876,347	2,011,788	30

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
New Brunswick

No.		1951	1952	1953	1954
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	508,832	446,439	483,846	654,555
2	Industries	69,164	69,858	74,412	66,247
3	Totals	577,996	516,297	558,258	720,802
	Thermal-generation (net):				
4	Utilities	229,817	290,013	234,104	220,566
5	Industries	279,369	283,872	327,946	323,380
6	Totals	509,186	573,885	562,050	543,946
7	Grand total generation (3 + 6)	1,087,182	1,090,182	1,120,308	1,264,748
8	Imports from United States	2	3	3	3
9	Imports from other provinces	15,776	16,981	15,001	17,275
10	Total supply of electric energy (7 + 8 + 9)	1,102,960	1,107,166	1,135,312	1,282,026
	Disposal of electric energy:				
11	Residential and farm	110,734	122,859	136,213	153,213
	Manufacturing consumption:				
12	Pulp and paper				
13	Smelting and refining				
14	Chemicals				
15	Primary iron and steel				
16	Abrasives				
17	Other manufacturing				
18	Total manufacturing consumption (12 to 17)	798,946	772,225	790,339	842,120
19	Mining consumption	8,431	11,605	12,064	14,602
20	Total industrial consumption (18 + 19)	807,377	783,830	802,403	856,722
	Commercial and other consumption:				
21	At power rates	14,258	31,494	35,507	46,513
22	At commercial rates	55,750	61,089	65,246	71,734
23	Street lighting	7,975	8,787	9,382	9,599
24	Totals (21 + 22 + 23)	77,983	101,370	110,135	127,846
25	Line loss, free service and unaccounted for	57,305	57,648	48,031	81,133
26	Residual error of estimate	—	—	—	—
27	Total provincial disposal(11+18+19+24+25+26)	1,053,399	1,065,707	1,096,782	1,218,913
28	Total exports to United States	49,561	41,459	37,975	62,333
29	Total exports to other provinces	—	—	555	780
30	Total disposal of electric energy (27 + 28 + 29)	1,102,960	1,107,166	1,135,312	1,282,026

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
New Brunswick

1955	1956	1957	1958	1959	1960	1961	1962	No.
thousands of kilowatt-hours								
497,578	454,448	634,050	954,222	1,050,563	751,809	959,464	1,128,375	1
53,921	68,490	72,414	68,798	65,272	64,296	61,273	85,100	2
551,499	522,938	706,464	1,023,020	1,115,835	816,105	1,020,737	1,213,475	3
343,998	441,622	348,883	243,428	255,353	421,131	379,788	461,458	4
396,945	398,193	349,414	346,234	452,285	501,142	511,612	499,722	5
740,943	839,815	698,297	589,662	707,638	922,273	891,400	961,180	6
1,292,442	1,362,753	1,404,761	1,612,682	1,823,473	1,738,378	1,912,137	2,174,655	7
3	11,451	4,525	591	151	14,724	13,512	15,741	8
18,470	21,621	23,156	25,851	27,986	96,500	118,932	98,517	9
1,310,915	1,395,825	1,432,442	1,639,124	1,851,610	1,849,602	2,044,581	2,288,913	10
171,052	195,768	225,210	253,273	300,825	328,107	362,040	409,357	11
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								17
879,410	886,719	858,471	890,600	968,689	1,054,471	1,054,209	1,075,820	18
21,313	22,273	39,516	23,951	19,515	21,023	24,535	44,983	19
900,723	908,992	897,987	914,551	988,204	1,075,494	1,078,744	1,120,803	20
63,673	86,514	52,810	147,329	170,922	46,632	132,298	169,571	21
78,425	84,712	91,425	97,745	105,702	110,215	122,416	119,017	22
9,698	9,901	10,910	12,053	14,262	15,717	18,586	20,292	23
151,796	181,127	155,145	257,127	290,886	172,564	273,300	308,880	24
54,455	90,548	108,117	87,294	117,337	128,646	112,924	148,170	25
—	- 5,624	- 2,666	- 15,910	- 4,274	- 20,906	- 2,504	- 7,358	26
1,278,026	1,370,811	1,383,793	1,496,335	1,692,978	1,683,905	1,824,504	1,979,852	27
32,889	25,014	48,649	142,789	158,621	165,109	204,863	246,344	28
—	—	—	—	11	588	15,214	62,717	29
1,310,915	1,395,825	1,432,442	1,639,124	1,851,610	1,849,602	2,044,581	2,288,913	30

**TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Quebec**

No.		1951	1952	1953	1954
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	22,994,531	24,847,058	24,478,750	24,728,478
2	Industries	7,753,001	8,308,774	10,355,955	10,690,240
3	Totals	30,747,532	33,155,832	34,834,705	35,418,718
	Thermal-generation (net):				
4	Utilities	11,666	14,296	21,714	15,644
5	Industries	111,702	119,649	111,382	126,823
6	Totals	123,368	133,945	133,096	142,467
7	Grand total generation (3+6)	30,870,900	33,289,777	34,967,801	35,561,185
8	Imports from United States	215	500	720	539
9	Imports from other provinces	6,538	8,678	9,421	10,621
10	Total supply of electric energy (7+8+9)	30,877,653	33,298,955	34,977,942	35,572,345
	Disposal of electric energy:				
11	Residential and farm	1,434,277	1,680,591	1,954,815	2,342,683
	Manufacturing consumption:				
12	Pulp and paper				
13	Smelting and refining				
14	Chemicals				
15	Primary iron and steel				
16	Abrasives				
17	Other manufacturing				
18	Total manufacturing consumption (12 to 17)	19,535,828	21,215,383	22,639,243	23,080,637
19	Mining consumption	730,627	801,467	779,976	848,889
20	Total industrial consumption (18+19)	20,266,455	22,016,850	23,419,219	23,929,526
	Commercial and other consumption:				
21	At power rates	720,340	1,076,218	1,017,879	839,042
22	At commercial rates	786,458	860,104	981,760	1,061,791
23	Street lighting	63,428	70,157	77,590	85,450
24	Totals (21+22+23)	1,570,226	2,006,479	2,077,229	1,986,283
25	Line loss, free service and unaccounted for	1,889,932	1,918,351	2,082,658	2,161,346
26	Residual error of estimate	—	—	—	—
27	Total provincial disposal (11+18+19+24+25+26)	25,160,890	27,622,271	29,533,921	30,419,848
28	Total exports to United States	646,993	664,978	677,975	659,232
29	Total exports to other provinces	5,069,770	5,011,706	4,766,046	4,493,265
30	Total disposal of electric energy (27+28+29)	30,877,653	33,298,955	34,977,942	35,572,345

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Quebec

1955	1956	1957	1958	1959	1960	1961	1962	No.
25,854,181	27,250,134	28,529,995	32,028,178	33,262,401	36,155,183	36,045,975	36,274,497	1
10,886,566	10,288,906	9,375,819	11,389,884	11,358,742	13,954,088	13,501,830	13,633,458	2
36,740,747	37,539,040	37,905,814	43,418,062	44,621,143	50,109,271	49,547,805	49,907,955	3
27,250	19,345	7,927	8,604	29,532	33,183	24,390	50,455	4
163,584	202,204	217,686	208,902	203,251	290,447	283,400	300,892	5
190,834	221,549	225,613	217,506	232,783	323,630	307,790	351,347	6
36,931,581	37,760,589	38,131,427	43,635,568	44,853,926	50,432,901	49,855,595	50,259,302	7
1,034	306	710	833	852	569	85	647	8
10,574	57,306	66,400	51,318	57,436	102,900	184,699	125,248	9
36,943,189	37,818,201	38,198,537	43,687,719	44,912,214	50,536,370	50,040,379	50,385,197	10
2,689,760	3,109,445	3,582,204	4,017,294	4,553,174	5,000,588	5,500,250	6,118,761	11
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23,649,068	23,145,105	23,002,859	26,544,195	26,745,458	31,450,603	29,952,738	28,763,197	18
1,017,490	1,159,422	1,095,977	1,094,105	1,226,912	1,277,748	1,410,076	1,604,208	19
24,666,558	24,304,527	24,098,836	27,638,300	27,972,370	32,728,351	31,362,814	30,367,405	20
1,169,080	1,147,237	812,945	781,964	1,184,618	936,531	1,179,025	1,442,513	21
1,196,118	1,291,314	1,420,404	1,507,370	1,669,531	1,799,100	2,009,603	2,248,508	22
97,273	104,929	115,800	123,636	116,183	149,959	166,992	203,514	23
2,462,471	2,543,480	2,349,149	2,412,970	2,970,332	2,885,590	3,355,620	3,894,535	24
2,308,301	2,543,806	2,591,911	2,856,401	2,983,863	3,386,665	3,539,992	3,708,901	25
—	36,133	83,817	229,529	184,414	1,109	8,680	70,438	26
32,127,090	32,537,394	32,705,917	37,154,494	38,664,153	44,002,303	43,767,356	44,160,040	27
665,519	673,620	549,040	526,336	555,358	569,074	406,814	299,468	28
4,150,580	4,607,187	4,943,580	6,006,889	5,692,703	5,964,993	5,866,209	5,925,689	29
36,943,189	37,818,201	38,198,537	43,687,719	44,912,214	50,536,370	50,040,379	50,385,197	30

**TABLE 17. Supply and Disposal of Electric Energy 1951 - 62 - Continued
Ontario**

No.		1951	1952	1953	1954
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	15,726,748	16,722,830	16,323,488	18,994,868
2	Industries	1,380,329	1,383,343	1,576,649	1,678,798
3	Totals	17,107,077	18,106,173	17,900,137	20,673,666
	Thermal-generation (net):				
4	Utilities	112,494	419,025	1,773,947	962,697
5	Industries	721,747	706,891	683,087	666,058
6	Totals	834,241	1,125,916	2,457,034	1,628,755
7	Grand total generation (3+6)	17,941,318	19,232,089	20,357,171	22,302,421
8	Imports from United States	-	-	174,477	113,039
9	Imports from other provinces	5,060,223	5,001,367	4,757,955	4,483,226
10	Total supply of electric energy (7+8+9)	23,001,541	24,233,456	25,289,603	26,898,686
	Disposal of electric energy:				
11	Residential and farm.....	4,148,661	4,639,536	5,166,056	5,722,569
	Manufacturing consumption:				
12	Pulp and paper				
13	Smelting and refining				
14	Chemicals				
15	Primary iron and steel				
16	Abrasives				
17	Other manufacturing				
18	Total manufacturing consumption (12 to 17)	10,819,447	10,978,485	11,331,932	11,133,582
19	Mining consumption	1,184,449	1,159,423	1,133,795	1,196,133
20	Total industrial consumption (18+19)	12,003,896	12,137,908	12,465,727	12,329,715
	Commercial and other consumption:				
21	At power rates	944,302	1,167,365	1,188,280	1,597,660
22	At commercial rates	1,446,862	1,602,981	1,803,444	1,931,122
23	Street lighting	149,186	164,548	180,582	192,095
24	Totals (21+22+23)	2,540,350	2,934,894	3,172,306	3,720,877
25	Line loss, free service and unaccounted for	2,811,382	2,935,719	3,077,341	3,269,025
26	Residual error of estimate	-	-	-	-
27	Total provincial disposal (11+18+19+24+25+26)	21,504,289	22,648,057	23,881,430	25,042,186
28	Total exports to United States	1,490,714	1,576,721	1,399,307	1,846,659
29	Total exports to other provinces	6,538	8,678	8,866	9,841
30	Total disposal of electric energy (27+28+29)....	23,001,541	24,233,456	25,289,603	26,898,686

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Ontario

1955	1956	1957	1958	1959	1960	1961	1962	No.
thousands of kilowatt-hours								
23,754,155	25,971,079	26,535,041	26,583,550	30,972,971	33,454,943	32,261,822	29,406,352	1
1,376,480	1,507,118	1,423,996	1,429,023	1,413,849	1,493,568	1,475,304	1,506,074	2
25,130,635	27,478,197	27,959,037	28,012,573	32,386,820	34,948,511	33,737,126	30,912,426	3
426,131	938,168	1,464,648	607,039	347,909	181,862	532,842	3,696,258	4
712,251	640,577	696,144	633,103	648,776	684,691	683,622	681,171	5
1,138,382	1,578,745	2,160,792	1,240,142	996,685	866,553	1,216,464	4,377,429	6
26,269,017	29,056,942	30,119,829	29,252,715	33,383,505	35,815,064	34,953,590	35,289,855	7
133,494	174,435	285,472	226,510	481,462	287,436	1,362,298	2,703,784	8
4,140,021	4,709,305	5,071,120	6,024,335	5,804,206	6,044,706	6,001,888	5,948,897	9
30,542,532	33,940,682	35,476,421	35,503,560	39,669,173	42,147,206	42,317,776	43,942,536	10
6,360,522	7,045,900	7,594,393	8,189,413	8,780,654	9,318,141	9,887,316	10,490,150	11
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11,994,908	12,844,362	13,422,568	13,310,293	15,012,867	15,579,234	15,673,250	16,502,861	18
1,242,794	1,634,423	1,907,547	2,299,372	2,300,703	2,286,664	2,041,911	1,879,592	19
13,237,702	14,478,785	15,330,115	15,609,665	17,313,570	17,865,898	17,715,161	18,382,453	20
1,688,961	1,643,276	1,753,977	1,437,461	1,892,136	2,095,230	2,288,658	2,576,633	21
2,145,430	2,418,518	2,609,398	2,833,584	3,067,538	3,365,929	3,765,600	4,143,848	22
200,000	212,535	228,684	244,962	264,160	281,023	301,341	325,648	23
4,034,391	4,274,329	4,592,059	4,516,007	5,223,834	5,742,182	6,355,599	7,046,129	24
3,311,105	3,781,393	3,750,744	3,813,302	4,346,858	4,388,383	4,328,292	4,234,495	25
-	- 51,042	- 36,431	- 79,431	- 52,352	- 157,497	- 9,632	- 12,372	26
26,943,720	29,529,365	31,230,880	32,048,956	35,612,564	37,157,107	38,276,736	40,140,855	27
3,588,238	4,385,356	4,222,225	3,404,051	3,865,099	4,759,717	3,526,310	3,550,796	28
10,574	25,961	23,316	50,553	191,510	230,382	514,730	250,885	29
30,542,532	33,940,682	35,476,421	35,503,560	39,669,173	42,147,206	42,317,776	43,942,536	30

**TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Manitoba**

No.		1951	1952	1953	1954
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	2,560,322	2,694,924	2,750,270	3,004,268
2	Industries	875	1,376	7,537	22,557
3	Totals	2,561,197	2,696,300	2,757,807	3,026,825
	Thermal-generation (net):				
4	Utilities	4,215	4,322	3,669	6,455
5	Industries	6,689	4,632	6,655	8,361
6	Totals	10,904	8,954	10,324	14,816
7	Grand total generation (3+6)	2,572,101	2,705,254	2,768,131	3,041,641
8	Imports from United States	664	723	804	868
9	Imports from other provinces	483,608	501,723	508,517	516,115
10	Total supply of electric energy (7+8+9)	3,056,373	3,207,700	3,277,452	3,558,624
	Disposal of electric energy:				
11	Residential and farm	759,478	825,457	898,876	1,003,027
	Manufacturing consumption:				
12	Pulp and paper				
13	Smelting and refining				
14	Chemicals				
15	Primary iron and steel				
16	Abrasives				
17	Other manufacturing				
18	Total manufacturing consumption (12 to 17)	932,286	1,006,346	1,005,029	1,036,504
19	Mining consumption	120,816	149,834	128,345	143,433
20	Total industrial consumption (18+19)	1,053,102	1,156,180	1,133,374	1,179,937
	Commercial and other consumption:				
21	At power rates	406,874	411,033	322,447	394,652
22	At commercial rates	198,226	216,755	230,186	250,374
23	Street lighting	28,005	28,498	29,116	29,617
24	Totals (21+22+23)	633,105	656,286	581,749	674,643
25	Line loss, free service and unaccounted for	317,387	301,361	317,023	346,325
26	Residual error of estimate	—	—	—	—
27	Total provincial disposal (11+18+19+24+25+26)	2,763,072	2,939,284	2,931,022	3,203,932
28	Total exports to United States	6	6	6	6
29	Total exports to other provinces ¹	293,295	268,410	346,424	354,686
30	Total disposal of electric energy (27+28+29)	3,056,373	3,207,700	3,277,452	3,558,624

¹ Includes re-exports to Saskatchewan.

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Manitoba

1955	1956	1957	1958	1959	1960	1961	1962	No.
thousands of kilowatt-hours								
3,099,880	3,330,439	3,331,922	3,080,140	3,540,427	3,614,725	3,536,544	4,165,963	1
24,928	15,955	18,474	33,026	40,000	45,195	52,698	54,623	2
3,124,808	3,346,394	3,350,396	3,113,166	3,580,427	3,659,920	3,589,242	4,220,586	3
4,056	3,249	9,099	133,878	57,996	75,761	249,614	138,731	4
8,225	15,661	17,894	5,976	4,820	6,230	7,753	7,288	5
12,281	18,910	26,993	139,854	62,818	81,991	257,367	146,019	6
3,137,089	3,365,304	3,377,389	3,253,020	3,643,243	3,741,911	3,846,609	4,366,605	7
993	817	—	—	—	—	—	—	8
524,890	555,617	505,855	540,238	728,451	789,259	1,030,184	854,143	9
3,662,972	3,921,738	3,883,244	3,793,258	4,371,694	4,531,170	4,876,793	5,220,748	10
1,079,155	1,172,579	1,247,563	1,337,932	1,388,330	1,454,613	1,611,758	1,622,841	11
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1,066,054	1,138,891	1,016,260	979,199	1,177,449	1,243,263	1,363,354	1,527,159	18
168,078	147,384	150,394	125,725	167,849	206,729	226,920	221,840	19
1,234,132	1,286,275	1,166,654	1,104,924	1,345,298	1,449,992	1,590,274	1,748,999	20
254,720	290,720	125,461	87,385	110,406	65,625	224,319	402,076	21
264,359	275,652	428,508	456,589	488,694	527,969	566,209	607,037	22
29,888	31,952	33,943	35,876	39,802	43,382	49,323	55,374	23
548,967	598,324	587,912	579,850	638,902	636,976	839,851	1,064,487	24
460,793	401,298	387,540	395,804	512,991	573,794	464,498	493,130	25
—	- 8,373	- 11,214	- 820	- 1,892	- 94,395	614	2,115	26
3,323,047	3,450,103	3,378,455	3,417,690	3,883,629	4,020,980	4,506,995	4,931,572	27
6	8	22	28	36	34	38	12	28
339,919	471,627	504,767	375,540	488,029	510,156	369,760	289,164	29
3,662,972	3,921,738	3,883,244	3,793,258	4,371,694	4,531,170	4,876,793	5,220,748	30

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Saskatchewan

No.		1951	1952	1953	1954
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	516,142	544,447	553,459	559,300
2	Industries	1,760	1,738	1,170	4,186
3	Totals	517,902	546,185	554,629	563,486
	Thermal-generation (net):				
4	Utilities	462,631	534,862	620,672	732,979
5	Industries	19,526	27,789	40,353	40,995
6	Totals	482,157	562,651	661,025	773,974
7	Grand total generation (3 + 6)	1,000,059	1,108,836	1,215,654	1,337,460
8	Imports from United States	99	104	123	182
9	Imports from other provinces ²	293,295	268,410	346,424	354,686
10	Total supply of electric energy (7 + 8 + 9)	1,293,453	1,377,350	1,562,201	1,692,328
	Disposal of electric energy:				
11	Residential and farm	152,010	184,974	226,507	282,542
	Manufacturing consumption:				
12	Pulp and paper				
13	Smelting and refining				
14	Chemicals				
15	Primary iron and steel				
16	Abrasives				
17	Other manufacturing				
18	Total manufacturing consumption (12 to 17)	260,945	309,487	381,941	416,115
19	Mining consumption	136,129	88,049	110,835	114,160
20	Total industrial consumption (18 + 19)	397,074	397,536	492,776	530,275
	Commercial and other consumption:				
21	At power rates	76,322	71,439	78,938	83,781
22	At commercial rates	84,000	96,839	106,340	126,999
23	Street lighting	11,058	11,592	13,104	15,187
24	Totals (21 + 22 + 23)	171,380	179,870	198,382	225,967
25	Line loss, free service and unaccounted for	89,381	113,247	136,019	137,429
26	Residual error of estimate	—	—	—	—
27	Total provincial disposal (11+18+19+24+25+26)	809,845	875,627	1,053,684	1,176,213
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	483,608	501,723	508,517	516,116
30	Total disposal of electric energy (27 + 28 + 29)	1,293,453	1,377,350	1,562,201	1,692,328

² Includes re-imports.

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Saskatchewan

1955	1956	1957	1958	1959	1960	1961	1962	No.
thousands of kilowatt-hours								
569,401	555,466	546,148	548,272	562,072	585,888	620,052	649,373	1
—	15,772	19,872	20,208	25,294	35,941	39,919	57,366	2
569,401	571,238	566,020	568,480	587,366	621,829	659,971	706,739	3
866,566	995,520	1,132,269	1,261,298	1,436,325	1,596,454	1,801,718	1,944,661	4
73,576	69,504	103,598	126,383	117,389	64,803	83,415	36,974	5
940,142	1,065,024	1,235,867	1,387,681	1,553,714	1,661,257	1,885,133	1,981,635	6
1,509,543	1,636,262	1,801,887	1,956,161	2,141,080	2,283,086	2,545,104	2,688,374	7
232	258	316	365	401	414	429	487	8
339,919	356,122	354,425	346,397	367,500	417,751	214,804	243,481	9
1,849,694	1,992,642	2,156,628	2,302,923	2,508,981	2,701,251	2,760,337	2,932,342	10
327,369	400,215	470,075	515,158	600,526	651,391	697,207	781,470	11
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437,993	447,746	462,924	463,001	502,914	577,552	404,708	411,407	18
127,400	211,523	219,398	250,036	273,391	242,710	204,418	222,071	19
565,393	659,269	682,322	713,037	776,305	820,262	609,126	633,478	20
103,696	88,054	121,051	164,352	89,938	126,487	261,737	254,763	21
133,891	158,358	166,344	163,257	277,904	290,093	252,081	284,110	22
15,772	19,291	19,725	21,006	20,536	20,469	22,187	24,888	23
253,359	265,703	307,120	348,615	388,378	437,049	536,005	563,761	24
178,683	114,718	195,400	228,263	195,262	248,658	323,227	306,545	25
—	- 2,729	- 2,608	- 6,179	- 4,562	- 33,172	- 30,157	—	26
1,324,804	1,437,176	1,652,309	1,798,894	1,955,909	2,124,188	2,135,408	2,285,254	27
—	—	—	—	—	—	—	—	28
524,890	555,466	504,319	504,029	553,072	577,063	624,929	647,088	29
1,849,694	1,992,642	2,156,628	2,302,923	2,508,981	2,701,251	2,760,337	2,932,342	30

**TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Alberta**

No.		1951	1952	1953	1954
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	501,027	760,296	796,106	857,150
2	Industries	—	—	—	—
3	Totals	501,027	760,296	796,106	857,150
	Thermal-generation (net):				
4	Utilities	495,918	413,706	543,821	641,335
5	Industries	28,460	30,093	42,509	59,023
6	Totals	524,378	443,799	586,330	700,358
7	Grand total generation (3+6)	1,025,405	1,204,095	1,382,436	1,557,508
8	Imports from the United States	299	345	345	—
9	Imports from other provinces	10,932	3,521	—	15,970
10	Total supply of electric energy (7+8+9)	1,036,636	1,207,961	1,382,781	1,573,478
	Disposal of electric energy:				
11	Residential and farm	199,287	233,236	282,152	355,643
	Manufacturing consumption:				
12	Pulp and paper				
13	Smelting and refining				
14	Chemicals				
15	Primary iron and steel				
16	Abrasives				
17	Other manufacturing				
18	Total manufacturing consumption (12 to 17)	334,373	364,851	424,786	469,292
19	Mining consumption	85,545	92,653	91,572	82,300
20	Total industrial consumption (18+19)	419,918	457,504	516,358	551,592
	Commercial and other consumption:				
21	At power rates	141,719	179,992	226,279	259,441
22	At commercial rates	137,446	154,751	167,527	189,067
23	Street lighting	16,107	16,811	17,805	18,476
24	Totals (21+22+23)	295,272	351,554	411,611	466,984
25	Line loss, free service and unaccounted for	118,609	159,306	172,120	199,259
26	Residual error of estimate	—	—	—	—
27	Total provincial disposal (11+18+19+24+25+26)	1,033,086	1,201,600	1,382,241	1,573,478
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	3,550	6,361	540	—
30	Total disposal of electric energy (27+28+29)	1,036,636	1,207,961	1,382,781	1,573,478

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
Alberta

1955	1956	1957	1958	1959	1960	1961	1962	No.
thousands of kilowatt-hours								
935,943	979,157	807,253	990,457	842,259	886,595	1,017,731	956,195	1
-	-	-	-	-	-	-	-	2
935,943	979,157	807,253	990,457	842,259	886,595	1,017,731	956,195	3
793,011	1,041,343	1,442,160	1,483,227	1,987,787	2,239,686	2,433,511	2,811,076	4
80,167	122,973	182,489	254,071	267,420	317,127	319,234	326,116	5
873,178	1,164,316	1,624,649	1,737,298	2,255,207	2,556,813	2,752,745	3,137,192	6
1,809,121	2,143,473	2,431,902	2,727,755	3,097,466	3,443,408	3,770,476	4,093,387	7
573	-	573	604	617	633	684	687	8
31,803	28,512	24,297	25,520	34,287	33,885	23,570	32,524	9
1,841,497	2,171,985	2,456,772	2,753,879	3,132,370	3,477,926	3,794,730	4,126,598	10
418,970	501,260	564,048	646,048	787,492	867,319	971,567	1,078,946	11
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542,453	639,347	786,001	870,053	920,010	988,708	1,052,618	1,099,753	18
86,718	105,712	109,222	102,944	130,380	171,398	148,645	204,137	19
629,171	745,059	895,223	972,997	1,050,390	1,160,106	1,201,263	1,303,890	20
314,442	376,553	436,366	511,040	540,839	613,565	636,067	599,687	21
215,617	245,244	276,551	299,204	340,339	380,560	523,249	607,735	22
22,992	25,585	29,853	38,393	47,696	53,733	63,170	71,700	23
553,051	647,382	742,770	848,637	928,874	1,047,858	1,222,486	1,279,122	24
240,305	255,191	260,902	290,851	350,373	424,389	435,626	461,424	25
-	23,093	- 9,310	-10,940	10,264	- 27,390	- 37,125	3,216	26
1,841,497	2,171,985	2,453,633	2,747,593	3,127,393	3,472,282	3,793,817	4,126,598	27
-	-	-	-	-	-	-	-	28
-	-	3,139	6,286	4,977	5,644	913	-	29
1,841,497	2,171,985	2,456,772	2,753,879	3,132,370	3,477,926	3,794,730	4,126,598	30

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
British Columbia

No.		1951	1952	1953	1954
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	2,592,052	2,835,736	3,252,495	3,354,547
2	Industries	1,943,994	1,937,981	2,092,634	2,876,739
3	Totals	4,536,046	4,773,717	5,345,129	6,231,286
	Thermal-generation (net):				
4	Utilities	92,750	119,162	87,998	92,073
5	Industries	405,703	489,640	534,182	520,541
6	Totals	498,453	608,802	622,180	612,614
7	Grand total generation (3 + 6)	5,034,499	5,382,519	5,967,309	6,843,900
8	Imports from the United States	7,677	18,310	4,165	4,393
9	Imports from other provinces	3,550	6,361	540	—
10	Total supply of electric energy (7 + 8 + 9)	5,045,726	5,407,190	5,972,014	6,848,293
	Disposal of electric energy:				
11	Residential and farm	690,904	788,168	902,341	1,063,647
	Manufacturing consumption:				
12	Pulp and paper				
13	Smelting and refining				
14	Chemicals				
15	Primary iron and steel				
16	Abrasives				
17	Other manufacturing				
18	Total manufacturing consumption (12 to 17)	2,861,704	2,974,929	3,279,168	4,005,886
19	Mining consumption	277,412	327,924	328,842	383,618
20	Total industrial consumption (18 + 19)	3,139,116	3,302,853	3,608,010	4,389,504
	Commercial and other consumption:				
21	At power rates	300,197	320,547	275,662	325,118
22	At commercial rates	337,972	374,645	399,621	443,823
23	Street lighting	32,930	34,421	38,346	41,826
24	Totals (21 + 22 + 23)	671,099	729,613	713,629	810,767
25	Line loss, free service and unaccounted for	345,427	372,989	439,267	418,327
26	Residual error of estimate	—	—	—	—
27	Total provincial disposal (11+18+19+24+25+26)	4,846,546	5,193,623	5,663,247	6,682,245
28	Total exports to United States	188,248	210,046	308,767	150,078
29	Total exports to other provinces	10,932	3,521	—	15,970
30	Total disposal of electric energy (27 + 28 + 29)	5,045,726	5,407,190	5,972,014	6,848,293

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Continued
British Columbia

1955	1956	1957	1958	1959	1960	1961	1962	No.
thousands of kilowatt-hours								
3,797,185	4,074,749	4,118,052	5,308,059	5,781,342	5,985,887	6,302,285	6,778,666	1
3,952,138	5,275,809	5,998,284	5,946,684	5,919,897	6,614,607	5,997,345	6,889,919	2
7,749,323	9,350,558	10,116,336	11,254,743	11,701,239	12,600,494	12,299,630	13,668,585	3
126,123	147,084	147,422	172,629	195,391	219,158	256,143	353,220	4
540,857	573,086	460,279	455,331	476,587	588,731	648,680	630,272	5
666,980	720,170	607,701	627,960	671,978	807,889	904,823	983,492	6
8,416,303	10,070,728	10,724,037	11,882,703	12,373,217	13,408,383	13,204,453	14,652,077	7
22,233	51,906	541,378	16,159	28,519	53,102	17,006	57,363	8
—	—	3,139	2,081	—	3,024	913	—	9
8,438,536	10,122,634	11,268,554	11,900,943	12,401,736	13,464,509	13,222,372	14,709,440	10
1,256,003	1,445,059	1,657,619	1,775,996	1,963,660	2,102,048	2,199,441	2,374,596	11
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5,162,816	6,497,356	7,278,259	7,753,154	8,134,543	8,975,544	8,579,821	9,536,767	18
398,147	408,014	420,969	342,878	312,097	340,675	370,518	338,879	19
5,560,963	6,905,370	7,699,228	8,096,032	8,446,640	9,316,219	8,950,339	9,875,646	20
354,597	321,351	208,764	247,973	294,944	- 110,622	- 102,982 ^F	- 259,075	21
510,228	556,576	798,711	867,938	718,117	1,245,836	1,293,005	1,542,022	22
44,592	54,296	57,218	61,353	63,485	71,680	81,348	91,157	23
909,417	932,223	1,064,693	1,177,264	1,076,546	1,206,894	1,271,371 ^F	1,374,104	24
533,543	767,651	789,310	830,092	841,531	904,696	958,835	1,020,472	25
—	24,148	20,863	- 16,675	25,142	- 117,151	- 200,690 ^F	16,307	26
8,259,925	10,074,451	11,231,713	11,862,709	12,353,519	13,412,706	13,179,296	14,661,125	27
146,808	19,671	12,544	12,714	13,930	17,918	19,506	15,791	28
31,803	28,512	24,297	25,520	34,287	33,885	23,570	32,524	29
8,438,536	10,122,634	11,268,554	11,900,943	12,401,736	13,464,509	13,222,372	14,709,440	30

**TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Concluded
Yukon and Northwest Territories**

No.		1951	1952	1953	1954
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	30,762	38,008	52,622	54,958
2	Industries	47,011	51,361	46,563	48,445
3	Totals	77,773	89,369	99,185	103,403
	Thermal-generation (net):				
4	Utilities	1,275	1,310	1,441	1,892
5	Industries	10,327	10,716	10,860	10,887
6	Totals	11,602	12,026	12,301	12,779
7	Grand total generation (3+6)	89,375	101,395	111,486	116,182
8	Imports from United States	—	—	—	—
9	Imports from other provinces	—	—	—	—
10	Total supply of electric energy (7+8+9)	89,375	101,395	111,486	116,182
	Disposal of electric energy:				
11	Residential and farm	2,677	3,118	3,554	7,695
	Manufacturing consumption:				
12	Pulp and paper				
13	Smelting and refining				
14	Chemicals				
15	Primary iron and steel				
16	Abrasives				
17	Other manufacturing				
18	Total manufacturing consumption (12 to 17)	370	799	1,147	1,441
19	Mining consumption	57,877	82,015	90,806	95,740
20	Total industrial consumption (18+19)	58,247	82,814	91,953	97,181
	Commercial and other consumption:				
21	At power rates	21,816	7,994	5,837	6,353
22	At commercial rates	2,147	2,915	3,865	1,938
23	Street lighting	248	193	200	224
24	Totals (21+22+23)	24,211	11,102	9,902	8,515
25	Line loss, free service and unaccounted for	4,240	4,361	6,077	2,791
26	Residual error of estimate	—	—	—	—
27	Total provincial disposal (11+18+19+24+25+26)	89,375	101,395	111,486	116,182
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	—	—	—	—
30	Total disposal of electric energy (27+28+29)	89,375	101,395	111,486	116,182

TABLE 17. Supply and Disposal of Electric Energy 1951-62 - Concluded
Yukon and Northwest Territories

1955	1956	1957	1958	1959	1960	1961	1962	No.
thousands of kilowatt-hours								
60,826	62,283	69,162	88,090	105,270	111,734	133,508	150,340	1
54,771	52,388	52,479	53,629	48,855	48,058	48,522	48,100	2
115,597	114,671	121,641	141,719	154,125	159,792	182,030	198,440	3
3,259	1,873	4,247	7,491	11,692	17,984	26,266	29,654	4
12,482	12,937	31,101	18,827	19,009	11,343	9,808	2,905	5
15,741	14,810	35,348	26,318	30,701	29,327	36,074	32,559	6
131,338	129,481	156,989	168,037	184,826	189,119	218,104	230,999	7
-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	9
131,338	129,481	156,989	168,037	184,826	189,119	218,104	230,999	10
9,339	8,646	7,268	8,536	10,201	13,270	15,774	19,952	11
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								17
1,410	1,421	1,789	1,986	2,479	2,215	1,911	3,604	18
108,113	104,002	116,005	127,086	110,879	110,552	118,538	127,060	19
109,523	105,423	117,794	129,072	113,358	112,767	120,449	130,664	20
6,836	2,399	1,296	8,456	38,369	36,001	49,820	39,295	21
2,301	2,682	8,138	5,817	14,082	14,139	10,094	12,878	22
212	229	192	214	198	262	222	311	23
9,349	5,310	9,626	14,487	52,649	50,402	60,136	52,484	24
3,127	9,031	2,448	12,392	11,589	12,615	24,214	27,899	25
-	1,071	19,853	3,550	- 2,971	65	- 2,469	-	26
131,338	129,481	156,989	168,037	184,826	189,119	218,104	230,999	27
-	-	-	-	-	-	-	-	28
-	-	-	-	-	-	-	-	29
131,338	129,481	156,989	168,037	184,826	189,119	218,104	230,999	30





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