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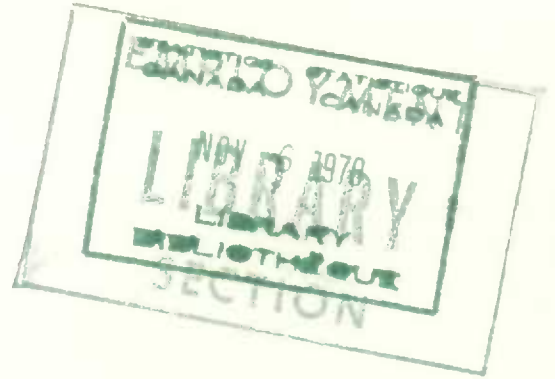
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SYMBOLS

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

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

INTRODUCTION

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

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

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

In 1956, because of the difficulty of separating line losses of industrial producers into losses relating to sales and losses relating to energy produced for own use, total industrial losses were presented under "Disposal of Energy" in Table 4. Commencing with 1957, losses associated with energy generated for own use are shown as a separate item under "Energy Made Available", Table 3.

Total installed generating capacity in Canada at the end of 1962 amounted to 24,967,000 kilowatts, 3.6 per cent more than the total of 24,091,368 kilowatts in 1961. Utilities accounted for 20,382,963 kilowatts compared with 19,492,142 kilowatts in 1961, while industry had a capacity of 4,584,037 kilowatts and 4,616,253 kilowatts in 1962 and 1961 respectively. Hydraulic installations in 1962 accounted for 77.5 per cent of the total and thermal plants, 22.5 per cent, compared with 78.9 and 21.1

in 1961. New thermal installations in 1962 exceeded new hydraulic installations for the second year in succession reflecting the shortage of hydro-electric sites near large load centres.

Quebec had the largest generating capacity at 9,320,325 kilowatts or 37.3 per cent of the national total, followed by Ontario with 33 per cent and British Columbia with 12 per cent. The largest increase in generating capacity was in Ontario, where the increase amounted to 418,606 kilowatts. Quebec increased its capacity by 181,391 kilowatts, Alberta by 149,627 kilowatts, Newfoundland by 95,900 kilowatts, and New Brunswick by 38,050 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 44 per cent, Alberta with 14 per cent, Saskatchewan with 12 per cent, British Columbia with 8 per cent and Nova Scotia with 7 per cent.

The greatest increase in thermal capacity occurred in Ontario where the second 300,000 kilowatts unit at the Lakeview generating station was placed in service during 1962. Testing of the 100,000 kilowatts unit in the new Thunder Bay generating station at Fort William was initiated in 1962.

Calgary Power completed the addition of a 150,000 kilowatts unit at its Wabamun steam plant to account for the only other major thermal installation in Canada during the year.

In Quebec, hydraulic capacity was increased 187,000 kilowatts by placing the first four units of the Carillon project in service.

In Newfoundland, the Twin Falls Power Corporation began initial operation of two 46,800 kilowatts units in its plant on the Unknown River in Labrador.

The New Brunswick Electric Power Commission placed the third 40,500 kilowatts unit in service in its Beechwood Plant on the St. John River.

The first nuclear power was produced from the 20,000 kilowatt Nuclear Power Demonstration plant in Ontario starting in June, 1962.

The large increase in publicly-operated generating capacity in British Columbia in 1962 is due to the amalgamation of the privately-operated British Columbia Electric Company Limited with the publicly-operated British Columbia Power Commission to form the British Columbia Hydro and Power Authority.

Net generation (total generation less energy used in generating station service) increased 3.3 per cent in 1962 to 117,468,748 thousand kilowatt-hours from 113,713,318 thousand kilowatt-hours one year earlier. Generation by electric utilities increased 3.0 per cent to 92,096,096 thousand kilowatt-hours from 89,388,635 thousand kilowatt-hours while accounting for 78.4 per cent of total production compared with 78.6 per cent in 1961. Generation by industry rose to 25,372,652 thousand kilowatt-hours from 24,324,683 thousand kilowatt-hours a year earlier.

Generation from hydraulic facilities amounted to 88.6 per cent while thermal was 11.4 per cent. The decline of 8.4 per cent in Ontario's hydraulic production was largely a result of unusually low water resources in the province. Although Quebec had 37.3 per cent of the total generating capacity in Canada, it accounted for 43 per cent of the total generation, followed by Ontario with 30 per cent and British Columbia with 12 per cent.

Electric energy consumption increased 5.0 per cent, although total generation increased only 3.3 per cent. As a result, imports rose to 2,778,709 thousand kilowatt-hours from 1,394,014 thousand and exports decreased 1.1 per cent to 4,112,411 thousand kilowatt-hours from 4,157,531 thousand. Consumption in electric boilers declined 20.4 per cent from 6,002,738 thousand kilowatt-hours in 1961 to 4,776,381 thousand kilowatt-hours in 1962.

Of the total reported available for use in Canada in 1962, some 23,123,356,000 kilowatt-hours including 1,020,383,000 estimated as losses, represented generation by industrial establishments for own use. This compares with 22,377,925,000⁷ kilowatt-hours in 1961 and reflects an increase of 745,431,000 kilowatt-hours or 3.3 per cent.

Total sales of electricity to ultimate customers increased 5.6 per cent in 1962 to 84,331,799,000 kilowatt-hours from the 1961 total of 79,874,233,000. Power customers purchased 49,987,643,000 kilowatt-hours or 59.3 per cent of the total (60.7 per cent in 1961); domestic and farm customers, 23,692,010,000 or 28.1 per cent (27.7 in 1961); and commercial customers, 9,833,025,000 or 11.7 per cent (10.8). Street lighting accounted for the remaining 819,121,000 kilowatt-hours of electricity sold. In addition, some 8,679,891,000 kilowatt-hours of energy available for disposal were reported lost and unaccounted for. This compares with 8,697,643,000 kilowatt-hours in 1961.

A 3.1 per cent rise in ultimate customers brought the total to 5,539,403 from 5,375,445 in 1961. Domestic and farm customers also increased 3.1 per cent to 4,864,464 from 4,716,819, while the number of commercial customers showed a rise to 562,504 from 548,111. Power customers increased 2.1 per cent in 1962 to 106,507 from 104,333. A reclassification of customers in British Columbia accounts for the large decrease in power customers in 1962 and the correspondingly large increase in commercial customers.

Revenue received from sales to ultimate customers totalled \$908,479,000, up 5.8 per cent from the 1961 total of \$858,878,000. Domestic and farm customers produced revenues of \$365,990,000 versus \$346,807,000; commercial customers, \$185,093,000 versus \$166,666,000; power customers, \$337,257,000 versus \$327,461,000 and street lighting customers, \$20,139,000 versus \$17,944,000. Revenue obtained from export sales amounted to \$8,570,000 compared with \$9,552,000 in 1961.

The average revenue per kilowatt-hour for domestic and farm service declined 2.5 per cent from 1.58 cents in 1961 to 1.54 cents in 1962.

The average annual bill for domestic and farm customers rose 2.3 per cent in 1962 to \$75.24 from \$73.53 in 1961. The increase was due to a rise in average consumption of 4.5 per cent to 4,870 kilowatt-hours from 4,660. Averages varied widely from province to province, the low of 1,866 kilowatt-hours being recorded in Prince Edward Island and the high of 6,468 kilowatt-hours being registered in Manitoba. While many utilities do not distinguish between farm and domestic customers in their records, those that have reported farm service separately show an average increase in consumption of 11.8 per cent to 5,204 kilowatt-hours from 4,654 kilowatt-hours and an increase in the average annual bill to \$106.55 from \$99.52. The average cost of farm service dropped from 2.14 to 2.05 cents per kilowatt-hour.

Electric utilities reported an expenditure of \$37,236,502 on fuel for thermal electric plants in 1962, an increase of 50.9 per cent from the \$24,673,199 reported one year earlier. The amount spent on oil increased 8.6 per cent to \$7,517,131 from \$6,924,415 and on natural gas 10.1 per cent to \$6,960,338 from \$6,323,906. At the same time, expenditure for coal increased 99.2 per cent to \$22,759,033 from \$11,424,878.

Coal accounted for 60.0 per cent of total thermal generation in 1962 against 41.6 per cent in 1961, while natural gas was responsible for 28.1 per cent compared with 43.5 per cent, one year earlier. Production based on petroleum fuels increased 19.2 per cent over the 1961 figure.

Wages and salaries paid by the electric utility industry amounted to \$211,988,000 in 1962, an increase of 6.8 per cent over the \$198,416,000 reported in 1961. Publicly-operated utilities reported wages and salaries totalling \$164,927,000 in 1962, an increase of 12.3 per cent from the \$146,828,000 in 1961 while privately-operated utilities paid \$47,061,000 as against \$51,588,000. Employees, excluding construction workers, showed an increase in number to 40,003 from 39,389 in 1961. A total of 30,577 were employed by publicly-operated utilities versus 28,884 in 1961, and 9,426 by privately-operated utilities versus 10,505 one year earlier.

Total assets of the electric utility industry stood at \$7,849,793,000 at the end of 1962 compared with \$7,599,953,000 one year earlier, an increase of \$249,840,000 or 3.3 per cent. Total electric utility fixed assets after depreciation amounted to \$6,886,035,000 as against \$6,456,858,000 in 1961, an increase of \$429,177,000. This increase in fixed assets was partially financed by an increase of \$166,726,000 in long term debt.

Operating revenues of electric utilities were 6.8 per cent higher in 1962, rising to \$1,228,018,000 from the 1961 total of \$1,149,547,000. Operating expenses rose 8.7 per cent to \$809,177,000 from \$744,649,000 and operating income increased 3.4 per cent to a new high of \$418,841,000. Net income in 1962, therefore, rose 6.1 per cent to \$125,470,000 from \$118,210,000.

Federal, provincial and municipal taxes paid by electric utilities in 1962 amounted to \$72,998,000, a drop of 3.3 per cent from the \$75,487,000 paid in 1961. Federal taxes decreased to \$33,503,000 from \$39,943,000 in 1961. Provincial taxes, however, increased to \$16,527,000 from \$15,294,000 and municipal taxes also increased to \$22,968,000 in 1962 from \$20,250,000 in 1961.

Utilities' expenditures on capital and repair projects, for generating, transmission and distribution facilities (Table 15) showed an increase of 37 million dollars to 419 million in 1962 from 382 million in 1961.

Table 16 gives an historical summary of supply and demand for the years 1950-61. 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 and 1961, 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 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 energy 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 16.

During the eleven year period 1950-61, total net generation increased at an annual compound rate of 6.8 per cent. The largest increase was 10.8 per cent in Alberta followed by Prince Edward Island, Saskatchewan and British Columbia with increases of 10.7 per cent, 9.8 per cent and 9.4 per cent respectively.

Net hydro-generation increased at an annual compound rate of 6.5 per cent between 1950 and 1961 while net thermal-generation increased at a 10.5 per cent rate.

Residential and farm consumption of electric energy increased at a compound growth rate of 16.3 per cent over the eleven year period 1950-61 while consumption by industrial and commercial consumers rose 5.5 per cent and 8.4 per cent respectively. Of the individual industries, mining showed the largest growth rate (6.0 per cent) followed by smelting and refining (5.6 per cent).

TABLE 1. Installed Generating Capacity at End of Year, 1962

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
		nameplate rating in kilowatts			
	Electric utilities and industrial establishments:				
	Hydro:				
1	Water-wheels and turbines	19,338,174	352,810	155	142,930
	Thermal:				
2	Steam engines and turbines	4,884,537	51,600	32,500	367,028
3	Internal combustion engines	360,712	13,727	6,501	10,890
4	Gas turbines	383,577	—	—	—
5	Total thermal	5,628,826	65,327	39,001	377,918
6	Total installed generating capacity	24,967,000	418,137	39,156	520,848
7	Per cent of total for Canada	100.00	1.68	0.16	2.09
	Electric utilities:				
	Publicly and privately-operated:				
	Hydro:				
8	Water-wheels and turbines	15,502,145	287,930	155	137,580
	Thermal:				
9	Steam engines and turbines	4,193,087	35,000	32,500	326,250
10	Internal combustion engines	312,591	13,127	6,501	9,890
11	Gas turbines	375,140	—	—	—
12	Total thermal	4,880,818	48,127	39,001	336,140
13	Total installed generating capacity	20,382,963	336,057	39,156	473,720
14	Per cent of total for Canada	100.00	1.65	0.19	2.32
	Publicly-operated:				
	Hydro:				
15	Water-wheels and turbines	11,198,853	—	—	97,768
	Thermal:				
16	Steam engines and turbines	3,538,087	—	—	86,750
17	Internal combustion engines	246,910	4,890	6,401	7,970
18	Gas turbines	356,640	—	—	—
19	Total thermal	4,141,637	4,890	6,401	94,720
20	Total installed generating capacity	15,340,490	4,890	6,401	192,488
21	Per cent of total for Canada	100.00	0.03	0.04	1.25
	Privately-operated:				
	Hydro:				
22	Water-wheels and turbines	4,303,292	287,930	155	39,812
	Thermal:				
23	Steam engines and turbines	655,000	35,000	32,500	239,500
24	Internal combustion engines	65,681	8,237	100	1,920
25	Gas turbines	18,500	—	—	—
26	Total thermal	739,181	43,237	32,600	241,420
27	Total installed generating capacity	5,042,473	331,167	32,755	281,232
28	Per cent of total for Canada	100.00	6.57	0.65	5.58
	Industrial establishments:				
	Hydro:				
29	Water-wheels and turbines	3,836,029	64,880	—	5,350
	Thermal:				
30	Steam engines and turbines	691,450	16,600	—	40,778
31	Internal combustion engines	48,121	600	—	1,000
32	Gas turbines	8,437	—	—	—
33	Total thermal	748,008	17,200	—	41,778
34	Total installed generating capacity	4,584,037	82,080	—	47,128
35	Per cent of total for Canada	100.00	1.79	—	1.03

¹ Includes 20,000 Kw nuclear generating capacity.

TABLE 1. Installed Generating Capacity at End of Year, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
nameplate rating in kilowatts								
229,545	9,153,398	5,715,596	746,750	119,040	290,790	2,541,610	45,550	1
241,699	74,328	2,424,920 ^a	321,600	576,950	649,550	143,762	600	2
8,506	56,599	38,851	15,959	42,840	31,679	120,506	14,654	3
—	36,000	—	—	43,400	109,137	195,040	—	4
250,205	166,927	2,463,771	337,559	663,190	790,366	459,308	15,254	5
479,750	9,320,325	8,179,367	1,084,309	782,230	1,081,156	3,000,918	60,804	6
1.92	37.33	32.76	4.34	3.13	4.33	12.02	0.24	7
216,425	6,837,833	5,471,930	736,400	106,740	290,790	1,384,222	32,140	8
137,250	—	2,184,000	314,000	568,950	594,375	162	600	9
8,506	50,327	31,186	14,927	32,235	26,004	106,125	13,763	10
—	36,000	—	—	43,400	100,700	195,040	—	11
145,756	86,327	2,215,186	328,927	644,585	721,079	301,327	14,363	12
362,181	6,924,160	7,687,116	1,065,327	751,325	1,011,869	1,685,549	46,503	13
1.78	33.97	37.71	5.23	3.69	4.96	8.27	0.23	14
206,385	3,661,134	5,156,480	736,400	—	—	1,310,196	30,490	15
137,250	—	2,184,000	314,000	568,950	246,375	162	600	16
7,506	36,540	25,611	14,927	31,585	2,206	99,341	9,933	17
—	36,000	—	—	43,400	82,200	195,040	—	18
144,756	72,540	2,209,611	328,927	643,935	330,781	294,543	10,533	19
351,141	3,733,674	7,366,091	1,065,327	643,935	330,781	1,604,739	41,023	20
2.29	24.34	48.02	6.94	4.20	2.16	10.46	0.27	21
10,040	3,176,699	315,450	—	106,740	290,790	74,026	1,650	22
—	—	—	—	—	348,000	—	—	23
1,000	13,787	5,575	—	650	23,798	6,784	3,830	24
—	—	—	—	—	18,500	—	—	25
1,000	13,787	5,575	—	650	390,298	6,784	3,830	26
11,040	3,190,486	321,025	—	107,390	681,088	80,810	5,480	27
0.22	63.27	6.36	—	2.13	13.51	1.60	0.11	28
13,120	2,315,565	243,666	10,350	12,300	—	1,157,388	13,410	29
104,449	74,328	240,920	7,600	8,000	55,175	143,600	—	30
—	6,272	7,665	1,032	10,605	5,675	14,381	891	31
—	—	—	—	—	8,437	—	—	32
104,449	80,600	248,585	8,632	18,605	69,287	157,981	891	33
117,569	2,396,165	492,251	18,982	30,905	69,287	1,315,369	14,301	34
2.57	52.27	10.74	0.41	0.67	1.51	28.70	0.31	35

TABLE 2. Generation of Energy, 1962

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	104,050,724	1,550,516	407	715,400
	Thermal:				
2	Steam engines and turbines	12,589,410	102,935	93,671	1,233,670
3	Internal combustion engines	529,113	9,200	7,676	19
4	Gas turbines	299,501	—	—	—
5	Total thermal	13,418,024	112,135	101,347	1,233,689
6	Total energy generated	117,468,748	1,662,651	101,754	1,949,089
7	Per cent of total for Canada	100.00	1.42	0.09	1.66
	Electric utilities:				
	Publicly and privately-operated:				
	Hydro:				
8	Water-wheels and turbines	81,343,560	1,156,732	407	676,660
	Thermal:				
9	Steam engines and turbines	10,023,547	59,165	93,671	1,098,342
10	Internal combustion engines	468,133	8,150	7,676	19
11	Gas turbines	260,856	—	—	—
12	Total thermal	10,752,536	67,315	101,347	1,098,361
13	Total energy generated	92,096,096	1,224,047	101,754	1,775,021
14	Per cent of total for Canada	100.00	1.33	0.11	1.93
	Publicly-operated:				
	Hydro:				
15	Water-wheels and turbines	58,662,737	—	—	459,603
	Thermal:				
16	Steam engines and turbines	7,499,825	—	—	232,096
17	Internal combustion engines	377,175	170	7,668	19
18	Gas turbines	176,059	—	—	—
19	Total thermal	8,053,059	170	7,668	232,115
20	Total energy generated	66,715,796	170	7,668	691,718
21	Per cent of total for Canada	100.00	0.00	0.01	1.04
	Privately-operated:				
	Hydro:				
22	Water-wheels and turbines	22,680,823	1,156,732	407	217,057
	Thermal:				
23	Steam engines and turbines	2,523,722	59,165	93,671	866,246
24	Internal combustion engines	90,958	7,980	8	—
25	Gas turbines	84,797	—	—	—
26	Total thermal	2,699,477	67,145	93,679	866,246
27	Total energy generated	25,380,300	1,223,877	94,086	1,083,303
28	Per cent of total for Canada	100.00	4.82	0.37	4.27
	Industrial establishments:				
	Hydro:				
29	Water-wheels and turbines	22,707,164	393,784	—	38,740
	Thermal:				
30	Steam engines and turbines	2,565,863	43,770	—	135,328
31	Internal combustion engines	60,980	1,050	—	—
32	Gas turbines	38,645	—	—	—
33	Total thermal	2,665,488	44,820	—	135,328
34	Total energy generated	25,372,652	438,604	—	174,068
35	Per cent of total for Canada	100.00	1.73	—	0.69

¹ Kilowatt-hours generated after deducting station service.

TABLE 2. Generation of Energy, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours ¹								
1,213,475	49,907,955	30,912,426	4,220,586	706,739	956,195	13,668,585	198,440	1
956,149	299,276	4,343,570 ²	127,580	1,847,917	2,887,634	695,147	1,861	2
5,031	22,598	33,859	18,439	54,055	63,424	284,114	30,698	3
—	29,473	—	—	79,663	186,134	4,231	—	4
961,180	351,347	4,377,429	146,019	1,981,635	3,137,192	983,492	32,559	5
2,174,655	50,259,302	35,289,855	4,366,605	2,688,374	4,093,387	14,652,077	230,999	6
1.85	42.78	30.04	3.72	2.29	3.48	12.47	0.20	7
1,128,375	36,274,497	29,406,352	4,165,963	649,373	956,195	6,778,666	150,340	8
456,427	—	3,674,198	120,812	1,812,492	2,627,543	79,036	1,861	9
5,031	20,982	22,060	17,919	52,511	36,039	269,953	27,793	10
—	29,473	—	—	79,658	147,494	4,231	—	11
461,458	50,455	3,696,258	138,731	1,944,661	2,811,076	353,220	29,654	12
1,589,833	36,324,952	33,102,610	4,304,694	2,594,034	3,767,271	7,131,886	179,994	13
1.73	39.44	35.94	4.67	2.82	4.09	7.74	0.20	14
1,057,325	18,412,650	28,131,539	4,165,963	—	—	6,295,897	139,760	15
456,427	—	3,674,198	120,812	1,812,492	1,122,903	79,036	1,861	16
5,031	9,279	3,611	17,919	52,510	—	259,500	21,468	17
—	29,473	—	—	79,658	62,697	4,231	—	18
461,458	38,752	3,677,809	138,731	1,944,660	1,185,600	342,767	23,329	19
1,518,783	18,451,402	31,809,348	4,304,694	1,944,660	1,185,600	6,638,664	163,089	20
2.28	27.66	47.68	6.45	2.91	1.78	9.95	0.24	21
71,050	17,861,847	1,274,813	—	649,373	956,195	482,769	10,580	22
—	—	—	—	—	1,504,640	—	—	23
—	11,703	18,449	—	1	36,039	10,453	6,325	24
—	—	—	—	—	84,797	—	—	25
—	11,703	18,449	—	1	1,625,476	10,453	6,325	26
71,050	17,873,550	1,293,262	—	649,374	2,581,671	493,222	16,905	27
0.28	70.42	5.10	—	2.56	10.17	1.94	0.07	28
85,100	13,633,458	1,506,074	54,623	57,366	—	6,889,919	48,100	29
499,722	299,276	669,372	6,768	35,425	260,091	616,111	—	30
—	1,616	11,799	520	1,544	27,385	14,161	2,905	31
—	—	—	—	5	38,640	—	—	32
499,722	300,892	681,171	7,288	36,974	326,116	630,272	2,905	33
584,822	13,934,350	2,187,245	61,911	94,340	326,116	7,520,191	51,005	34
2.30	54.92	8.62	0.24	0.37	1.29	29.64	0.20	35

¹ Includes 22,184 thousand kilowatt hours of nuclear generation.

TABLE 3. Energy Made Available, 1962

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
		thousands of kilowatt-hours ¹			
	Electric utilities and industrial establishments:				
1	Total generated (Table 2) ²	117,468,748	1,662,651	101,754	1,949,089
2	Per cent of total for Canada	100.00	1.42	0.09	1.66
	Energy imported:				
3	From other provinces	—	—	—	62,699
4	From United States	2,778,709	—	—	—
5	Total imported	2,778,709	—	—	62,699
	Energy exported:				
6	To other provinces	—	81,400	—	76,042
7	To United States	4,112,411	—	—	—
8	Total exported	4,112,411	81,400	—	76,042
9	Total made available in Canada	116,135,046	1,581,251	101,754	1,935,746
10	Per cent of total for Canada	100.00	1.36	0.09	1.67
	Generated for use in own plant:				
11	Excluding consumption in electric boilers	20,694,683	343,996	—	167,107
12	Consumption in electric boilers	1,408,290	1,425	—	—
13	Losses	1,020,383	5,555	—	—
14	Total generated for own use	23,123,356	350,976	—	167,107
15	Total available for disposal in Canada	93,011,690	1,230,275	101,754	1,768,639
16	Per cent of total for Canada	100.00	1.30	0.11	1.87

¹ Kilowatt-hours after deducting station service.² Includes 13,422,000 Kwh inadvertent interchange and 33,178,000 Kwh storage energy (no value).

TABLE 4. Disposal of Energy, 1962

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
		thousands of kilowatt-hours			
	Electric utilities and industrial establishments:				
	To ultimate customers in Canada:				
1	Domestic and farm ¹	23,692,010	195,367	39,140	561,430
2	Commercial	9,833,025	62,739	35,233	169,898
3	Power—Excluding deliveries to electric boilers	46,619,552	799,052	10,885	787,968
4	Deliveries to electric boilers	3,368,091	136,389	—	—
5	Street lighting	819,121	5,638	1,450	19,149
6	Total sold to ultimate customers	84,331,799	1,199,185	86,708	1,538,445
7	Losses and unaccounted for	8,679,891	31,090	15,046	230,194
8	Total disposed of in Canada	93,001,690	1,230,275	101,754	1,768,639
9	Per cent of total for Canada	100.00	1.30	0.11	1.87
	Exported:				
10	To other provinces—Primary	—	81,400	—	56,114
11	Secondary	—	—	—	19,928
12	To United States—Primary	1,261,172	—	—	—
13	Secondary	2,851,239	—	—	—
14	Total exported	4,112,411	81,400	—	76,042
	Electric utilities:				
	Publicly and privately-operated:				
	To ultimate customers in Canada:				
15	Domestic and farm ¹	23,640,474	194,481	39,140	561,430
16	Commercial	9,699,120	62,365	35,233	169,898
17	Power—Excluding deliveries to electric boilers	46,462,806	763,434	10,885	783,559
18	Deliveries to electric boilers	3,318,352	106,650	—	—
19	Street lighting	816,959	5,638	1,450	19,149
20	Total sold to ultimate customers	83,957,711	1,132,568	86,708	1,534,036
21	Losses and unaccounted for	8,670,544	21,090	15,046	230,194
22	Total disposed of in Canada	92,628,255	1,163,658	101,754	1,764,230
23	Per cent of total for Canada	100.00	1.24	0.11	1.87

See footnotes at end of table.

TABLE 3. Energy Made Available, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours ¹								
2,174,655	50,259,302	35,289,855	4,366,605	2,688,374	4,093,387	14,652,077	230,999	1
1.85	42.78	30.04	3.72	2.29	3.48	12.47	0.20	2
98,517	125,248	5,948,897	885,839	33,738	32,524	—	—	3
15,741	647	2,703,784	—	487	687	57,363 ²	—	4
114,258	125,895	8,652,681	885,839	34,225	33,211	57,363	—	5
62,717	5,925,689	250,885	79,421	678,784	—	32,524	—	6
246,344	299,468	3,550,796	12	—	—	15,791 ³	—	7
309,061	6,225,157	3,801,681	79,433	678,784	—	48,315	—	8
1,979,852	44,160,040	40,140,855	5,173,011	2,043,815	4,126,598	14,661,125	230,999	9
1.71	38.03	34.56	4.45	1.76	3.55	12.62	0.20	10
451,485	9,814,791	2,763,172	90,318	57,745	325,989	6,643,755	36,525	11
—	1,064,715	82,625	—	357	—	258,110	1,058	12
23,160	695,034	80,258	—	2,406	—	209,426	4,544	13
474,645	11,574,540	2,926,055	90,318	60,308	325,989	7,111,291	42,127	14
1,505,207	32,585,500	37,214,800	5,082,693	1,983,507	3,800,609	7,549,834	188,872	15
1.59	35.64	39.51	5.38	2.10	4.03	8.27	0.20	16

¹ Includes 14,028,025 Kwh inadvertent interchange (no value).

TABLE 4. Disposal of Energy, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours								
409,357	6,118,761	10,490,150	1,622,841	781,470	1,078,946	2,374,596	19,952	1
119,017	2,248,508	4,143,848	607,037	284,110	607,735	1,542,022	12,878	2
831,531	18,388,863	18,625,230	2,190,135	588,864	1,580,804	2,731,013	85,207	3
—	2,611,987	458,334	114,176	36	—	—	47,169	4
20,292	203,514	325,648	55,374	24,888	71,700	91,157	311	5
1,380,197	29,571,633	34,043,210	4,589,563	1,679,368	3,339,185	6,738,788	165,517	6
125,012	3,013,867	3,171,590	493,130	304,139	461,424	811,046	23,355	7
1,505,207	32,585,500	37,214,800	5,082,693	1,983,507	3,800,609	7,549,834	188,872	8
1.59	35.64	39.51	5.38	2.10	4.03	8.27	0.20	9
62,717	3,926,037	21,718	79,421	678,784	—	32,524	—	10
—	1,999,652	229,167	—	—	—	—	—	11
246,301	274,602	738,494	12	—	—	1,763	—	12
43	24,866	2,812,302	—	—	—	14,028 ²	—	13
309,061	6,225,157	3,801,681	79,433	678,784	—	48,315	—	14
409,357	6,110,365	10,475,981	1,619,679	781,512	1,078,424	2,350,255	19,950	15
119,017	2,245,202	4,138,392	605,389	284,110	607,538	1,419,535	12,441	16
818,297	18,358,433	18,557,879	2,190,067	588,864	1,580,804	2,726,126	84,458	17
—	2,611,987	458,334	114,176	36	—	—	47,169	18
20,292	203,035	325,421	55,310	24,888	71,686	89,779	311	19
1,366,963	29,529,022	33,956,007	4,584,621	1,679,310	3,338,452	6,585,695	164,329	20
125,010	3,010,101	3,166,861	492,312	304,139	461,390	811,046	23,355	21
1,491,973	32,539,123	37,122,868	5,076,993	1,983,449	3,799,842	7,396,741	187,684	22
1.59	35.73	39.57	5.40	2.11	4.04	8.14	0.20	23

TABLE 4. Disposal of Energy, 1962 - Concluded

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of kilowatt-hours			
	Electric utilities - Concluded:				
	Public and privately-operated - Concluded:				
	Exported:				
1	To other provinces - Primary .....	...	-	-	56,114
2	Secondary .....	...	-	-	19,928
3	To United States - Primary	1,113,419	-	-	-
4	Secondary	2,851,239	-	-	-
5	Total exported	3,964,658	-	-	76,042
	Publicly-operated:				
	To ultimate customers in Canada:				
6	Domestic and farm ¹	18,671,743	153	5,215	172,828
7	Commercial	8,139,058	-	6,044	67,645
8	Power - Excluding deliveries to electric boilers ..	29,972,086	-	-	305,760
9	Deliveries to electric boilers	769,563	-	-	-
10	Street lighting	666,312	-	488	6,393
11	Total sold to ultimate customers	58,218,762	153	11,747	552,626
12	Losses and unaccounted for	6,256,087	17	886	77,212
13	Total disposed of in Canada	64,474,849	170	12,633	629,838
14	Per cent of total for Canada	100.00	0.00	0.02	0.98
	Exported:				
15	To other provinces - Primary .....	...	-	-	7,116
16	Secondary .....	...	-	-	19,928
17	To United States - Primary	649,613	-	-	-
18	Secondary	2,826,373	-	-	-
19	Total exported	3,475,986	-	-	27,044
	Privately-operated:				
	To ultimate customers in Canada:				
20	Domestic and farm ¹	4,968,731	194,328	33,925	388,602
21	Commercial	1,560,062	62,365	29,189	102,253
22	Power - Excluding deliveries to electric boilers ..	16,490,720	763,434	10,885	477,799
23	Deliveries to electric boilers	2,568,789	106,650	-	-
24	Street lighting	150,647	5,638	962	12,756
25	Total sold to ultimate customers	25,738,949	1,132,415	74,961	981,410
26	Losses and unaccounted for	2,414,457	31,073	14,160	152,982
27	Total disposed of in Canada	28,153,406	1,163,488	89,121	1,134,392
28	Per cent of total for Canada	100.00	4.13	0.32	4.03
	Exported:				
29	To other provinces - Primary .....	...	-	-	48,998
30	Secondary .....	...	-	-	-
31	To United States - Primary	463,806	-	-	-
32	Secondary	24,866	-	-	-
33	Total exported	488,672	-	-	48,998
	Industrial establishments:				
	To ultimate customers in Canada:				
34	Domestic and farm ¹	51,536	886	-	-
35	Commercial	133,905	374	-	-
36	Power - Excluding deliveries to electric boilers	156,746	35,618	-	4,409
37	Deliveries to electric boilers	29,739	29,739	-	-
38	Street lighting	2,162	-	-	-
39	Total sold to ultimate customers	374,088	66,617	-	4,409
40	Losses and unaccounted for	9,347	-	-	-
41	Total disposed of in Canada	383,435	66,617	-	4,409
42	Per cent of total for Canada	100.00	17.37	-	1.15
	Exported:				
43	To other provinces - Primary .....	...	81,400	-	-
44	Secondary .....	...	-	-	-
45	To United States - Primary	147,753	-	-	-
46	Secondary	-	-	-	-
47	Total exported	147,753	81,400	-	-

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

TABLE 4. Disposal of Energy, 1962 — Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours								
62,717	3,926,037	21,718	79,421	647,088	—	32,524	—	1
—	1,999,652	229,167	—	—	—	—	—	2
158,151	274,602	678,891	12	—	—	1,763	—	3
43	24,866	2,812,302	—	—	—	14,028	—	4
220,911	6,225,157	3,742,078	79,433	647,088	—	48,315	—	5
370,209	2,827,810	10,270,551	1,593,313	776,276	554,372	2,095,174	5,842	6
93,682	1,199,492	4,045,138	598,293	282,513	453,679	1,386,931	5,641	7
802,069	5,746,528	17,531,984	1,631,861	588,702	625,027	2,664,602	75,553	8
—	149,848	458,334	114,176	36	—	—	47,169	9
18,519	104,673	317,732	52,020	24,530	55,051	86,883	23	10
1,284,479	10,028,351	32,623,739	3,989,663	1,672,057	1,688,129	6,233,590	134,228	11
115,660	1,141,682	3,029,079	450,859	293,476	126,080	732,603	18,533	12
1,400,139	1,140,033	35,652,818	4,440,522	1,965,533	1,814,209	6,966,193	152,761	13
2.17	17.74	55.30	6.89	3.05	2.81	10.81	0.23	14
62,717	1,437,263	21,718	74,722	8,290	—	304	—	15
—	1,865,726	229,167	—	—	—	—	—	16
87,476	268,851	291,574	12	—	—	1,700	—	17
43	—	2,812,302	—	—	—	14,028 ²	—	18
150,236	3,571,840	3,354,761	74,734	8,290	—	16,032	—	19
39,148	3,282,555	205,430	26,366	5,136	524,052	255,081	14,108	20
25,335	1,045,710	93,254	7,096	1,597	153,859	32,604	6,800	21
16,228	12,611,905	1,025,895	558,206	162	955,777	61,524	8,905	22
—	2,462,139	—	—	—	—	—	—	23
1,773	98,362	7,689	3,290	358	16,635	2,896	288	24
82,484	19,500,671	1,332,268	594,958	7,253	1,650,323	352,105	30,101	25
9,350	1,598,419	137,782	41,453	10,663	335,310	78,443	4,822	26
91,834	21,099,090	1,470,050	636,411	17,916	1,985,633	430,548	34,923	27
0.33	74.94	5.22	2.26	0.06	7.05	1.53	0.13	28
—	2,488,774	—	4,699	638,798	—	32,220	—	29
—	133,926	—	—	—	—	—	—	30
70,675	5,751	387,317	—	—	—	63	—	31
—	24,866	—	—	—	—	—	—	32
70,675	2,653,317	387,317	4,699	638,798	—	32,283	—	33
—	8,396	14,169	3,162	58	522	24,341	2	34
—	3,306	5,456	1,648	—	197	122,487	437	35
13,234	30,430	67,351	68	—	—	4,887	749	36
—	—	—	—	—	—	—	—	37
—	479	227	64	—	14	1,378	—	38
13,234	42,611	87,203	4,942	58	733	153,093	1,188	39
—	3,766	4,729	818	—	34	—	—	40
13,234	46,377	91,932	5,760	58	767	153,093	1,188	41
3.45	12.10	23.98	1.50	0.01	0.20	39.93	0.31	42
—	—	—	—	31,696	—	—	—	43
—	—	—	—	—	—	—	—	44
88,150	—	59,603	—	—	—	—	—	45
—	—	—	—	—	—	—	—	46
88,150	—	59,603	—	31,696	—	—	—	47

² Inadvertent interchange (no value).

TABLE 5. Customers at End of Year, 1962

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
Electric utilities and industrial establishments:					
Ultimate customers in Canada:					
1	Domestic and farm ¹	4,864,464	66,498	20,974	178,461
2	Commercial	562,504	6,770	3,601	21,486
3	Power	106,507	1,100	7	8,942
4	Street lighting	5,928	26	25	382
5	Total ultimate customers	5,539,403	74,394	24,607	209,271
6	Per cent of total for Canada	100.00	1.34	0.45	3.78
Electric utilities:					
Publicly and privately-operated:					
Ultimate customers in Canada:					
7	Domestic and farm ¹	4,857,219	66,016	20,974	178,461
8	Commercial	561,885	6,756	3,601	21,486
9	Power	106,459	1,086	7	8,940
10	Street lighting	5,912	26	25	382
11	Total ultimate customers	5,531,475	73,884	24,607	209,269
12	Per cent of total for Canada	100.00	1.34	0.45	3.78
Publicly-operated:					
Ultimate customers in Canada:					
13	Domestic and farm ¹	3,729,488	179	2,639	73,126
14	Commercial	429,389	—	504	9,423
15	Power	71,560	—	—	1,285
16	Street lighting	3,985	—	2	307
17	Total ultimate customers	4,234,422	179	3,145	84,141
18	Per cent of total for Canada	100.00	0.00	0.07	1.99
Privately-operated:					
Ultimate customers in Canada:					
19	Domestic and farm ¹	1,127,731	65,837	18,335	105,335
20	Commercial	132,496	6,756	3,097	12,063
21	Power	34,899	1,086	7	7,655
22	Street lighting	1,927	26	23	75
23	Total ultimate customers	1,297,053	73,705	21,462	125,128
24	Per cent of total for Canada	100.00	5.68	1.65	9.65
Industrial establishments:					
Ultimate customers in Canada:					
25	Domestic and farm ¹	7,245	482	—	—
26	Commercial	619	14	—	—
27	Power	48	14	—	2
28	Street lighting	16	—	—	—
29	Total ultimate customers	7,928	510	—	2
30	Per cent of total for Canada	100.00	6.42	—	0.03

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

TABLE 5. Customers at End of Year, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
155,238	1,319,047	1,869,471	250,899	227,161	315,741	456,554	4,420	1
7,606	155,481	168,125	40,525	34,320	49,400	74,113	1,077	2
2,475	25,527	26,753	12,413	8,789	18,355	1,898	248	3
1,035	1,271	797	539	918	616	301	18	4
166,354	1,501,326	2,065,146	304,376	271,188	384,112	532,866	5,763	5
3.00	27.10	37.28	5.50	4.90	6.93	9.62	0.10	6
155,238	1,317,566	1,867,800	250,468	227,140	315,492	453,645	4,419	7
7,606	155,357	168,013	40,473	34,320	49,387	73,813	1,073	8
2,473	25,523	26,746	12,412	8,789	18,355	1,882	246	9
1,035	1,263	795	538	918	615	297	18	10
166,352	1,499,709	2,063,354	303,891	271,167	383,849	529,637	5,756	11
3.01	27.11	37.30	5.49	4.90	6.94	9.58	0.10	12
144,052	608,372	1,830,822	247,147	226,085	171,469	424,583	1,014	13
5,892	75,823	164,239	40,120	34,187	27,484	71,285	432	14
2,197	14,563	26,433	12,354	8,782	4,710	1,176	60	15
1,024	137	769	535	914	14	276	7	16
153,165	698,895	2,022,263	300,156	269,968	203,677	497,320	1,513	17
3.62	16.50	47.76	7.09	6.38	4.81	11.74	0.04	18
11,186	709,194	36,978	3,321	1,055	144,023	29,062	3,405	19
1,714	79,534	3,774	353	133	21,903	2,528	641	20
276	10,960	313	58	7	13,645	706	186	21
11	1,126	26	3	4	601	21	11	22
13,187	800,814	41,091	3,735	1,199	180,172	32,317	4,243	23
1.02	61.74	3.17	0.29	0.09	13.89	2.49	0.33	24
—	1,481	1,671	431	21	249	2,909	1	25
—	124	112	52	—	13	300	4	26
2	4	7	1	—	—	16	2	27
—	8	2	1	—	1	4	—	28
2	1,617	1,792	485	21	263	3,229	7	29
0.03	20.40	22.60	6.12	0.26	3.32	40.73	0.09	30

TABLE 6. Revenue from Sale of Electricity, 1962

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities and industrial establishments:				
	Revenue from ultimate customers in Canada:				
1	Domestic and farm ¹	365,990	4,624	1,642	14,245
2	Commercial	185,093	1,946	1,202	5,925
3	Power—Excluding deliveries to electric boilers	332,067	6,362	241	11,794
4	Deliveries to electric boilers	5,190	136	—	—
5	Street lighting	20,139	176	80	808
6	Total revenue from ultimate customers	908,479	13,244	3,165	32,772
7	Per cent of total for Canada	100.00	1.46	0.35	3.61
	Revenue from electricity exported:				
8	To other provinces—Primary .....	...	240	—	645
9	Secondary .....	...	—	—	141
10	To United States—Primary	6,487	—	—	—
11	Secondary	1,775	—	—	—
12	Total revenue from exports	8,262	240	—	786
13	Totals (ultimate customers and exports)	916,741	13,484	3,165	33,558
	Electric utilities:				
	Publicly and privately-operated:				
	Revenue from ultimate customers in Canada:				
14	Domestic and farm ¹	365,295	4,604	1,642	14,245
15	Commercial	184,069	1,938	1,202	5,925
16	Power—Excluding deliveries to electric boilers ..	331,284	6,357	241	11,768
17	Deliveries to electric boilers	5,190	136	—	—
18	Street lighting	20,097	176	80	808
19	Total revenue from ultimate customers	905,935	13,211	3,165	32,746
20	Per cent of total for Canada	100.00	1.46	0.35	3.61
	Revenue from electricity exported:				
21	To other provinces—Primary .....	...	—	—	645
22	Secondary .....	...	—	—	141
23	To United States—Primary	5,239	—	—	—
24	Secondary	1,775	—	—	—
25	Total revenue from exports	7,014	—	—	786
26	Totals (ultimate customers and exports)	912,949	13,211	3,165	33,532
	Publicly-operated:				
	Revenue from ultimate customers in Canada:				
27	Domestic and farm ¹	279,412	24	216	4,699
28	Commercial	147,187	—	226	2,093
29	Power—Excluding deliveries to electric boilers ..	230,192	—	—	2,659
30	Deliveries to electric boilers	1,738	—	—	—
31	Street lighting	15,190	—	26	225
32	Total revenue from ultimate customers	673,719	24	468	9,676
33	Per cent of total for Canada	100.00	0.00	0.07	1.44

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

TABLE 6. Revenue from Sale of Electricity, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
12,393	85,514	138,600	18,581	22,164	23,226	44,108	893	1
3,320	41,944	58,875	9,395	7,877	17,078	36,666	866	2
8,801	101,641	134,151	14,975	11,426	20,200	20,751	1,724	3
—	3,698	620	135	1	—	—	600	4
746	4,436	8,009	1,121	995	1,869	1,872	27	5
25,260	237,233	340,255	44,207	42,463	62,373	103,397	4,110	6
2.78	26.11	37.45	4.87	4.67	6.87	11.38	0.45	7
189	10,876	270	85	1,582	—	246	—	8
—	2,899	509	—	—	—	—	—	9
2,227	773	3,764	1	—	—	29	—	10
2	110	1,663	—	—	—	—	—	11
2,418	14,658	6,206	86	1,582	—	275	—	12
27,678	251,891	346,461	44,293	44,045	62,373	103,672	4,110	13
12,393	85,386	138,443	18,524	22,163	23,206	43,796	893	14
3,320	41,882	58,796	9,371	7,877	17,074	35,848	837	15
8,702	101,424	133,793	14,974	11,426	20,200	20,687	1,711	16
—	3,698	620	135	1	—	—	600	17
746	4,429	8,008	1,121	995	1,868	1,839	27	18
25,161	236,819	339,660	44,125	42,462	62,348	102,170	4,068	19
2.78	26.14	37.49	4.87	4.69	6.88	11.28	0.45	20
189	10,876	208	85	1,582	—	246	—	21
—	2,899	509	—	—	—	—	—	22
1,390	773	3,353	1	—	—	29	—	23
2	110	1,663	—	—	—	—	—	24
1,581	14,658	5,733	86	1,582	—	275	—	25
26,742	251,477	345,393	44,211	44,044	62,348	102,445	4,068	26
11,394	35,959	135,653	18,160	22,041	10,585	40,347	334	27
2,605	22,118	57,386	9,229	7,813	10,338	34,982	397	28
8,314	38,498	127,697	13,747	11,420	6,874	19,733	1,250	29
—	382	620	135	1	—	—	600	30
687	1,527	7,812	1,091	989	1,053	1,773	7	31
23,000	98,484	329,168	42,362	42,264	28,850	96,835	2,588	32
3.41	14.62	48.86	6.29	6.27	4.28	14.37	0.39	33

TABLE 6. Revenue from Sale of Electricity, 1962 - Concluded

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities - Concluded:				
	Publicly-operated - Concluded:				
	Revenue from electricity exported:				
1	To other provinces - Primary .....	...	-	-	114
2	Secondary .....	...	-	-	141
3	To United States - Primary	2,955	-	-	-
4	Secondary	1,665	-	-	-
5	Total revenue from exports	4,620	-	-	255
6	Totals (ultimate customers and exports)	678,339	24	468	9,931
	Privately-operated:				
	Revenue from ultimate customers in Canada:				
7	Domestic and farm ¹	85,883	4,580	1,426	9,546
8	Commercial	36,882	1,938	976	3,832
9	Power - Excluding deliveries to electric boilers ..	101,092	6,357	241	9,109
10	Deliveries to electric boilers	3,452	136	-	-
11	Street lighting	4,907	176	54	583
12	Total revenue from ultimate customers	232,216	13,187	2,697	23,070
13	Per cent of total for Canada	100.00	5.68	1.16	9.92
	Revenue from electricity exported:				
14	To other provinces - Primary .....	...	-	-	531
15	Secondary .....	...	-	-	-
16	To United States - Primary	2,284	-	-	-
17	Secondary	110	-	-	-
18	Total revenue from exports	2,394	-	-	531
19	Totals (ultimate customers and exports)	234,610	13,187	2,697	23,601
	Industrial establishments:				
	Revenue from ultimate customers in Canada:				
20	Domestic and farm ¹	695	20	-	-
21	Commercial	1,024	8	-	-
22	Power - Excluding deliveries to electric boilers	783	5	-	26
23	Deliveries to electric boilers	-	-	-	-
24	Street lighting	42	-	-	-
25	Total revenue from ultimate customers	2,544	33	-	26
26	Per cent of total for Canada	100.00	1.30	-	1.02
	Revenue from electricity exported:				
27	To other provinces - Primary .....	...	240	-	-
28	Secondary .....	...	-	-	-
29	To United States - Primary	1,248	-	-	-
30	Secondary	-	-	-	-
31	Total revenue from exports	1,248	240	-	-
32	Totals (ultimate customers and exports)	3,792	273	-	26

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

TABLE 6. Revenue From Sale of Electricity, 1962 — Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
189	3,217	208	27	6	—	—	—	1
—	2,641	509	—	—	—	—	—	2
672	692	1,565	1	—	—	25	—	3
2	—	1,663	—	—	—	—	—	4
863	6,550	3,945	28	6	—	25	—	5
23,863	105,034	333,113	42,390	42,270	28,850	96,860	2,588	6
999	49,427	2,790	364	122	12,621	3,449	559	7
715	19,764	1,410	142	64	6,736	865	440	8
388	62,926	6,096	1,227	6	13,326	955	461	9
—	3,316	—	—	—	—	—	—	10
59	2,902	196	30	6	815	66	20	11
2,161	138,335	10,492	1,763	198	33,498	5,335	1,480	12
0.99	59.57	4.52	0.76	0.09	14.42	2.30	0.64	13
—	7,659	—	58	1,576	—	246	—	14
—	258	—	—	—	—	—	—	15
718	81	1,788	—	—	—	4	—	16
—	110	—	—	—	—	—	—	17
718	8,108	1,788	58	1,576	—	250	—	18
2,879	146,443	12,280	1,821	1,774	33,498	5,585	1,480	19
—	128	157	57	1	20	312	—	20
—	62	79	24	—	4	818	29	21
99	217	358	1	—	—	64	13	22
—	—	—	—	—	—	—	—	23
—	7	1	—	—	1	33	—	24
99	414	595	82	1	25	1,227	42	25
3.89	16.28	23.39	3.22	0.04	0.98	48.23	1.65	26
—	—	62	—	—	—	—	—	27
—	—	—	—	—	—	—	—	28
837	—	411	—	—	—	—	—	29
—	—	—	—	—	—	—	—	30
837	—	473	—	—	—	—	—	31
936	414	1,068	82	1	25	1,227	42	32

TABLE 7. Domestic and Farm Service, 1939-62

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	1961	"	4,716,819	63,195	21,883	174,775
5	1962	"	4,864,464	66,498	20,974	178,461
	Kilowatt-hours sold:					
6	1939	'000 kwh.	2,310,891	..	2,908	39,084
7	1945	"	3,365,497	..	5,217	70,099
8	1950	"	6,750,303	40,051	10,526	147,522
9	1961	"	21,979,672	179,761	42,314	512,244
10	1962	"	23,692,010	195,367	39,140	561,430
	Revenue received:					
11	1939	\$'000	43,793	..	163	1,709
12	1945	"	55,736	..	239	2,286
13	1950	"	109,015	835	584	4,421
14	1961	"	346,807	4,232	1,811	13,276
15	1962	"	365,990	4,624	1,642	14,948
	Kilowatt-hours per customer:					
16	1939	kwh.	1,423	..	574	830
17	1945	"	1,693	..	817	834
18	1950	"	2,413	1,321	1,022	1,181
19	1961	"	4,660	2,845	1,934	2,931
20	1962	"	4,870	2,938	1,866	3,146
	Average annual bill:					
21	1939	\$	26.97	..	32.21	27.56
22	1945	\$	28.05	..	37.35	27.21
23	1950	\$	38.97	27.57	56.69	35.41
24	1961	\$	73.53	66.97	82.76	75.96
25	1962	\$	75.24	69.54	78.29	79.82
	Revenue per kilowatt-hour:					
26	1939	cents	1.90	..	5.61	4.37
27	1945	"	1.66	..	4.57	3.26
28	1950	"	1.61	2.09	5.55	3.00
29	1961	"	1.58	2.35	4.28	2.59
30	1962	"	1.54	2.37	4.20	2.54
	Farm service, 1962¹:					
31	Customers	No.	481,226	5,605	301	29,615
32	Kilowatt-hours sold	'000 kwh.	2,504,378	8,232	499	42,435
33	Revenue received	\$'000	51,275	426	33	1,397
34	Kilowatt-hours per customer	No.	5,204	1,469	1,658	1,433
35	Average annual bill	\$	106.55	76.00	109.63	47.17
36	Revenue per kilowatt-hour	cents	2.05	5.17	6.61	3.29

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

TABLE 7. Domestic and Farm Service, 1939-62

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
145,246	1,279,564	1,816,879	246,642	224,045	301,317	439,087	4,386	4
155,238	1,319,047	1,869,471	250,899	227,161	315,741	456,554	4,420	5
26,989	311,420	1,374,325	320,827	41,198	42,210	151,930	..	6
45,958	507,274	1,963,043	416,499	58,402	63,962	235,043	..	7
97,752	1,199,887	3,662,862	689,335	128,221	164,205	607,427	2,515	8
362,040	5,500,250	9,887,316	1,611,758	697,207	971,567	2,199,441	15,774	9
409,357	6,118,761	10,490,150	1,622,841	781,470	1,078,946	2,374,596	19,952	10
1,308	9,167	19,658	3,312	2,004	2,145	4,327	..	11
1,883	11,926	23,099	4,238	2,566	2,932	5,967	..	12
3,747	23,821	44,724	7,939	4,871	5,385	12,525	163	13
11,330	78,716	130,382	18,458	20,454	21,127	46,216	605	14
12,393	85,514	138,600	18,581	22,164	23,226	44,108	893	15
581	716	1,909	3,956	824	618	974	..	16
739	908	2,337	4,399	953	735	1,218	..	17
1,023	1,541	3,317	4,783	1,353	1,224	2,182	1,422	18
2,493	4,299	5,443	6,535	3,112	3,224	5,009	3,596	19
2,837	4,639	5,611	6,468	3,440	3,417	5,201	4,514	20
28.13	21.08	27.31	40.84	40.10	31.42	27.73	..	21
30.29	21.34	28.21	44.76	41.87	33.70	30.92	..	22
39.22	30.58	40.50	55.08	51.42	40.15	44.99	92.23	23
76.01	61.52	71.77	74.64	91.29	70.12	105.25	163.54	24
79.83	64.83	74.14	74.08	97.57	73.56	96.61	202.04	25
4.85	2.94	1.43	1.03	4.87	5.08	2.85	..	26
4.10	2.35	1.21	1.02	4.39	4.59	2.54	..	27
3.83	1.99	1.22	1.15	3.80	3.28	2.06	6.49	28
3.13	1.43	1.32	1.15	2.93	2.17	2.10	5.10	29
3.03	1.40	1.32	1.14	2.83	2.15	1.86	4.48	30
23,671	105,505	140,511	39,489	59,684	54,689	22,156	..	31
58,416	418,865	980,516	262,052	250,524	262,706	222,133	..	32
1,894	7,892	18,367	4,383	8,042	5,643	3,198	..	33
2,468	3,951	6,978	6,637	4,198	4,604	10,026 1,002	..	34
80.01	74.80	130.72	110.99	134.74	103.18	144.34	..	35
3.24	1.89	1.87	1.67	3.21	2.15	1.44	..	36

TABLE 8. Pole Line Mileage at End of Year, 1962

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
	Electric utilities – Publicly and privately-operated:				
1	Steel – Towers	12,845	176	—	91
2	Poles	203	47	—	1
3	Aluminum – Towers	—	—	—	—
4	Poles	1	—	—	—
5	Wood pole – Transmission	48,936	457	146	2,142
6	Distribution	266,508	2,781	1,981	9,323
7	Concrete pole	1,503	—	—	—
8	Cable (underground and –under 69 kv. submarine)	4,800	10	2	37
9	69 kv. and over.....	449	—	—	—
10	Other	59	—	—	—
11	Total pole line mileage.....	335,304	3,471	2,129	11,594
12	Per cent of total for Canada	100.00	1.04	0.64	3.46

TABLE 9. Circuit Mileage of Electric Line at End of Year, 1962

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
	Electric utilities – Publicly and privately-operated:				
1	20,000 - 49,999 volts	28,389	458	146	1,103
2	50,000 - 99,999 "	14,632	293	—	913
3	100,000 - 149,999 "	15,827	—	—	154
4	150,000 - 199,999 "	905	—	—	—
5	200,000 - 249,999 "	6,243	110	—	—
6	250,000 - 299,999 "	—	—	—	—
7	300,000 - 349,999 "	2,309	—	—	—
8	350,000 volts and over	205	—	—	—
9	Total circuit mileage¹.....	68,510	861	146	2,170
10	Per cent of total for Canada	100.00	1.28	0.21	3.17

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

TABLE 8. Pole Line Mileage at End of Year, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
725	3,929	5,734	1,032	133	294	731	—	1
—	59	69	2	25	—	—	—	2
—	—	—	—	—	—	—	—	3
—	—	1	—	—	—	—	—	4
1,167	6,511	9,410	4,362	10,380	10,718	3,463	180	5
9,010	34,731	61,026	27,960	59,648	46,935	12,946	167	6
13	26	1,462	—	1	1	—	—	7
18	1,795	2,322	200	98	215	101	2	8
—	57	119	14	4	13	242	—	9
25	—	34	—	—	—	—	—	10
10,958	47,108	80,177	33,570	70,289	58,176	17,483	349	11
3.27	14.05	23.91	10.01	20.96	17.35	5.21	0.10	12

TABLE 9. Circuit Mileage of Electric Line at End of Year, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
85	2,827	6,881	1,864	7,424	7,240	324	37	1
1,202	2,617	219	2,038	2,235	2,289	2,794	32	2
600	2,486	6,966	2,171	879	1,446	1,027	98	3
—	905	—	—	—	—	—	—	4
—	1,290	4,345	130	—	—	368	—	5
—	—	—	—	—	—	—	—	6
—	2,309	—	—	—	—	—	—	7
—	—	—	—	—	—	205	—	8
1,887	12,434	18,411	6,203	10,538	10,975	4,718	167	9
2.76	18.15	26.87	9.05	15.38	16.02	6.89	0.24	10

TABLE 10. Fuel Used to Generate Electricity, 1962

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities — Publicly and privately-operated:				
	Quantity of fuel:				
	Coal:				
1	Bituminous — Canadian short ton	883,172	—	—	514,737
2	Imported "	1,249,163	—	—	—
3	Sub-bituminous "	488,708	—	—	—
4	Saskatchewan lignite "	1,103,962	—	—	—
5	Other	—	—	—	—
6	Total coal short ton	3,725,005	—	—	514,737
	Petroleum fuels:				
7	Furnace fuel oil — Light Imp. gallon	7,444,433	—	—	183,855
8	Heavy "	71,565,969	2,982,628	8,594,032	11,049,923
9	Diesel fuel oil "	10,246,788	695,633	143,560	3,170
10	Other "	162,155	—	—	—
11	Total petroleum fuels "	89,419,345	3,678,261	8,737,592	11,236,948
	Gas:				
12	Natural M. cu. ft.	43,347,109	—	—	—
13	Manufactured "	303,278	—	—	—
14	Total gas "	43,650,387	—	—	—
15	Other fuels	—	—	—	—
	Cost of fuel:				
	Coal:				
16	Bituminous — Canadian \$	8,797,979	—	—	5,448,621
17	Imported \$	11,030,499	—	—	—
18	Sub-bituminous \$	1,056,261	—	—	—
19	Saskatchewan lignite \$	1,874,294	—	—	—
20	Other	—	—	—	—
21	Total coal \$	22,759,033	—	—	5,448,621
	Petroleum fuels:				
22	Furnace fuel oil — Light \$	1,046,934	—	—	28,300
23	Heavy \$	4,463,143	382,933	562,911	673,834
24	Diesel fuel oil \$	1,993,155	126,876	20,079	544
25	Other \$	13,899	—	—	—
26	Total petroleum fuels \$	7,517,131	509,809	582,990	700,678
	Gas:				
27	Natural \$	6,925,613	—	—	—
28	Manufactured \$	34,725	—	—	—
29	Total gas \$	6,960,338	—	—	—
30	Other fuels	—	—	—	—
31	Total all fuels \$	37,236,502	509,809	582,990	6,149,299
32	Per cent of total for Canada	100.00	1.37	1.57	16.51

¹ See footnote at end of table.

TABLE 10. Fuel Used to Generate Electricity, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
121,046	—	243,427	50	—	3,912	—	—	1
—	—	1,249,163	—	—	—	—	—	2
—	—	—	—	136,502	352,206	—	—	3
—	—	—	111,222	992,740	—	—	—	4
—	—	—	—	—	—	—	—	5
121,046	—	1,492,590¹	111,272	1,129,242	356,118	—	—	6
253,201	4,310,000	2,079,109 ¹	163,739	345,804	13,379	95,346	—	7
17,750,832	—	5,790	—	25,920,446	3,499,845	1,521,318	241,155	8
232,427	954,605	494,010	1,240,201	229,834	580,525	4,100,633	1,572,190	9
—	—	—	—	—	—	162,155	—	10
18,236,460	5,264,605	2,578,909	1,403,940	26,496,084	4,093,749	5,879,452	1,813,345	11
—	—	144,937	284,082	8,998,982	30,901,999	3,017,109	—	12
—	—	—	—	—	—	303,278	—	13
—	—	144,937	284,082	8,998,982	30,901,999	3,320,387	—	14
—	—	..	—	—	—	—	—	15
1,132,660	—	2,198,100	700	—	17,898	—	—	16
—	—	11,030,499	—	—	—	—	—	17
—	—	—	—	558,139	498,122	—	—	18
—	—	—	449,398	1,424,896	—	—	—	19
—	—	—	—	—	—	—	—	20
1,132,660	—	13,228,599¹	450,098	1,983,035	516,020	—	—	21
38,717	646,500	249,537	23,013	46,353	2,213	14,301	—	22
1,088,965	—	593	—	1,454,770	124,199	123,350	51,588	23
41,846	194,786	88,419	209,231	39,758	114,574	755,115	401,927	24
—	—	—	—	—	—	13,899	—	25
1,169,528	841,286	338,549	232,244	1,540,881	240,986	906,665	453,515	26
—	—	51,833	40,840	1,309,457	4,707,244	816,239	—	27
—	—	—	—	—	—	34,725	—	28
—	—	51,833	40,840	1,309,457	4,707,244	850,964	—	29
—	—	..	—	—	—	—	—	30
2,302,188	841,286	13,618,981	723,182	4,833,373	5,464,250	1,757,629	453,515	31
6.18	2.26	36.58	1.94	12.98	14.67	4.72	1.22	32

TABLE 10. Fuel Used to Generate Electricity, 1962 - 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	12,538	-	-	12,581
2	Imported	"	12,675	-	-	-
3	Sub-bituminous	"	8,305	-	-	-
4	Saskatchewan lignite	"	6,720	-	-	-
5	Other		-	-	-	-
	Petroleum fuels:					
6	Furnace fuel oil - Light	per Imp. gal.	165,348	-	-	168,572
7	Heavy	"	181,804	183,304	182,495	180,756
8	Diesel fuel oil	"	165,236	162,962	172,170	168,560
9	Other	"	166,000	-	-	-
	Gas:					
10	Natural	per stand. cu. ft. ²	1,010	-	-	-
11	Manufactured	"	2,500	-	-	-
	Energy generated: ¹					
	By coal					
12	Bituminous - Canadian	'000 kwh.	1,760,521	-	-	944,567
13	Imported	"	3,052,154	-	-	-
14	Sub-bituminous	"	621,277	-	-	-
15	Saskatchewan lignite	"	1,019,929	-	-	-
16	Other		-	-	-	-
17	Total coal	"	6,453,881	-	-	944,567
	By petroleum fuels:					
18	Furnace fuel oil - Light	"	51,382	-	-	1,204
19	Heavy	"	1,067,847	59,165	100,377	152,571
20	Diesel fuel oil	"	134,481	8,150	970	19
21	Other	"	1,979	-	-	-
22	Total petroleum fuels	"	1,255,689	67,315	101,347	153,794
	By gas:					
23	Natural	"	2,965,049	-	-	-
24	Manufactured	"	55,733	-	-	-
25	Total gas	"	3,020,782	-	-	-
26	By other fuels	"	22,184	-	-	-
27	Total all fuels	"	10,752,536	67,315	101,347	1,098,361
28	Per cent of total for Canada		100.00	0.63	0.94	10.24

¹ Fuel oil used in coal-fired stations for initial steam-raising; no resulting generation.² Standard cubic foot - 760 mm. mercury 60° F.

TABLE 10. Fuel Used to Generate Electricity, 1962 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
11,923	—	12,780	13,400	—	11,000	—	—	1
—	—	12,675	—	—	—	—	—	2
—	—	—	—	8,509	8,226	—	—	3
—	—	—	7,200	6,666	—	—	—	4
—	—	—	—	—	—	—	—	5
166,062	163,800	168,449	165,000	172,000	163,000	136,430	—	6
183,266	—	180,000	—	180,918	181,022	182,242	174,646	7
165,755	159,602	164,854	168,894	169,982	165,502	165,167	165,566	8
—	—	—	—	—	—	166,000	—	9
—	—	1,000	1,040	978	1,021	1,000	—	10
—	—	—	—	—	—	2,500	—	11
214,048	—	599,860	46	—	2,000	—	—	12
—	—	3,052,154	—	—	—	—	—	13
—	—	—	—	157,832	463,445	—	—	15
—	—	—	101,535	918,394	—	—	—	15
—	—	—	—	—	—	—	—	16
214,048	—	3,652,014 ⁴	101,581	1,076,226	465,445	—	—	17
2,976	38,206	1,172 ³	878	4,437	1,553	956	—	18
241,418	—	—	—	444,793	44,200	20,380	4,943	19
3,016	12,249	5,189	17,919	3,279	6,587	52,392	24,711	20
—	—	—	—	—	—	1,979	—	21
247,410	50,455	6,361	18,797	452,509	52,340	75,707	29,654	22
—	—	15,699	18,353	415,926	2,293,291	221,780	—	23
—	—	—	—	—	—	55,733	—	24
—	—	15,699	18,353	415,926	2,293,291	277,513	—	25
—	—	22,184 ⁴	—	—	—	—	—	26
461,458	50,455	3,696,258	138,731	1,944,661	2,811,076	353,220	29,654	27
4.29	0.47	34.38	1.29	18.09	26.14	3.28	0.28	28

³ Net output after deducting station service.⁴ Nuclear generation.

TABLE 11. Employees, Wages, and Salaries, 1962

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities — Publicly and privately-operated:				
	Employees (excluding construction employees):				
1	Administrative No.	18, 198	205	14	561
2	Operating "	21, 805	457	159	997
3	Total employees "	40, 003	662	173	1, 558
4	Per cent of total for Canada	100. 00	1. 66	0. 43	3. 90
	Wages and salaries (excluding construction employees):				
5	Administrative \$'000	100, 280	945	93	2, 333
6	Operating "	111, 708	1, 584	608	4, 373
7	Total wages and salaries "	211, 988	2, 529	701	6, 706
8	Per cent of total for Canada	100. 00	1. 19	0. 33	3. 16
	Publicly-operated:				
	Employees (excluding construction employees):				
9	Administrative No.	14, 346	—	8	213
10	Operating "	16, 231	1	19	461
11	Total employees "	30, 577	1	27	674
12	Per cent of total for Canada	100. 00	0. 00	0. 09	2. 21
	Wages and salaries (excluding construction employees):				
13	Administrative \$'000	79, 725	—	40	859
14	Operating "	85, 202	5	64	1, 669
15	Total wages and salaries "	164, 927	5	104	2, 528
16	Per cent of total for Canada	100. 00	0. 00	0. 06	1. 53
	Privately-operated:				
	Employees (excluding construction employees):				
17	Administrative No.	3, 852	205	6	348
18	Operating "	5, 574	456	140	536
19	Total employees "	9, 426	661	146	884
20	Per cent of total for Canada	100. 00	7. 01	1. 55	9. 38
	Wages and salaries (excluding construction employees):				
21	Administrative \$'000	20, 555	945	53	1, 474
22	Operating "	26, 506	1, 579	544	2, 704
23	Total wages and salaries "	47, 061	2, 524	597	4, 178
24	Per cent of total for Canada	100. 00	5. 36	1. 27	8. 88

TABLE 11. Employees, Wages, and Salaries, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
516	5,679	7,228	1,236	822	592	1,271	74	1
779	5,171	8,798	1,368	1,344	1,146	1,402	184	2
1,295	10,850	16,026	2,604	2,166	1,738	2,673	258	3
3.24	27.12	40.06	6.51	5.41	4.35	6.68	0.64	4
2,102	31,890	42,208	6,501	3,329	3,627	6,894	358	5
2,874	25,037	49,788	6,125	6,195	6,107	8,078	939	6
4,976	56,927	91,996	12,626	9,524	9,734	14,972	1,297	7
2.35	26.86	43.40	5.96	4.49	4.59	7.06	0.61	8
507	3,062	7,100	1,233	808	171	1,181	63	9
733	2,131	8,516	1,368	1,257	507	1,089	149	10
1,240	5,193	15,616	2,601	2,065	678	2,270	212	11
4.06	16.98	51.07	8.51	6.75	2.22	7.42	0.69	12
2,057	17,886	41,500	6,487	3,241	1,076	6,305	274	13
2,665	10,943	48,278	6,125	5,761	2,442	6,500	750	14
4,722	28,829	89,778	12,612	9,002	3,518	12,805	1,024	15
2.86	17.48	54.44	7.65	5.46	2.13	7.77	0.62	16
9	2,617	128	3	14	421	90	11	17
46	3,040	282	—	87	639	313	35	18
55	5,657	410	3	101	1,060	403	46	19
0.58	60.01	4.35	0.03	1.07	11.25	4.28	0.49	20
45	14,004	708	14	88	2,551	589	84	21
209	14,094	1,510	—	434	3,665	1,578	189	22
254	28,098	2,218	14	522	6,216	2,167	273	23
0.54	59.71	4.71	0.03	1.11	13.21	4.60	0.58	24

TABLE 12. Assets and Liabilities at End of Year, 1962

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	4,198,632	68,827	10,637	85,474
2	Transmission	1,551,530	2,873	1,642	35,153
3	Distribution	1,847,865	24,480	5,360	53,991
4	Other property and equipment	369,836	9,099	411	7,596
5	Totals	7,967,863	105,279	18,050	182,214
6	Accumulated depreciation	1,420,702	17,154	2,842	41,475
7	Total, less depreciation	6,547,161	88,125	15,208	140,739
8	Other fixed assets, less depreciation	338,874	—	—	3,997
9	Total fixed assets	6,886,035	88,125	15,208	144,736
	Current assets:				
10	Cash on hand and in banks	79,466	426	198	815
11	Temporary investments	41,053	695	—	3,104
12	Accounts receivable (net)	142,566	1,579	515	3,609
13	Inventories	78,982	778	307	2,607
14	Other	21,467	14	—	695
15	Total current assets	363,534	3,492	1,020	10,830
	Investments:				
16	In associated companies	53,378	2,051	—	4,888
17	Reserve fund investments	238,014	—	—	11,685
18	Other	36,596	72	10	913
19	Total investments	327,988	2,123	10	17,486
20	Deferred charges and prepaid expenses	234,099	100	25	383
21	Other assets	38,137	989	112	631
22	Total assets	7,849,793	94,829	16,375	174,066
	Liabilities:				
23	Long-term debt	5,083,391	44,243	5,216	94,531
	Current liabilities:				
24	Accounts payable and accrued liabilities	205,036	3,516	766	6,014
25	Loans and notes payable	132,603	4,311	1,220	2,591
26	Other	89,768	132	142	688
27	Total current liabilities	427,407	7,959	2,128	9,293
28	Reserves	599,057	398	2,887	18,610
29	Deferred credits and other liabilities	120,732	2,847	1,471	3,442
	Capital and surplus:				
30	Share capital	370,025	29,293	750	25,491
31	Surplus – Capital	180,688	2,999	1,132	4,980
32	Earned	1,068,493	7,090	2,791	17,719
33	Total capital and surplus	1,619,206	39,382	4,673	48,190
34	Total liabilities	7,849,793	94,829	16,375	174,066

TABLE 12. Assets and Liabilities at End of Year, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
83,295	1,302,945	1,663,687	208,671	99,150	149,105	506,531	20,310	1
40,792	415,204	702,632	45,303	60,550	79,583	164,259	3,539	2
44,840	466,036	624,090	154,509	115,593	77,182	280,774	1,010	3
5,856	128,015	142,453	17,694	16,906	10,924	29,079	1,803	4
174,783	2,312,200	3,132,862	426,177	292,199	316,794	980,643	26,662	5
33,994	477,215	468,838	79,655	68,593	74,566	150,369	6,001	6
140,789	1,834,985	2,664,024	346,522	223,606	242,228	830,274	20,661	7
8,155	29,142	23,361	60,711	75,712	9,987	120,885	6,924	8
148,944	1,864,127	2,687,385	407,233	299,318	252,215	951,159	27,585	9
923	12,822	55,540	3,390	1,631	2,125	1,569	27	10
7,936	5,228	20,142	18	54	3,162	713	1	11
3,646	40,136	53,254	5,938	5,846	6,961	19,553	1,529	12
1,888	14,832	36,246	4,889	6,195	3,723	6,768	749	13
2,362	7,456	5,671	1,959	1,013	1,787	505	5	14
16,755	80,474	170,853	16,194	14,739	17,758	29,108	2,311	15
—	40,998	9	5	768	3,075	1,200	384	16
2,720	1,958	161,645	25,284	32,587	1,099	22	1,014	17
146	21,613	141	10,359	2,109	601	631	1	18
2,866	64,569	161,795	35,648	35,464	4,775	1,853	1,399	19
3,064	3,994	195,469	5,034	6,554	1,140	18,329	7	20
882	21,350	7,791	75	1,413	2,012	2,800	82	21
172,511	2,034,514	3,223,293	464,184	357,488	277,900	1,003,249	31,384	22
147,258	1,180,173	2,045,329	366,416	272,715	125,059	782,434	20,017	23
6,633	58,676	39,499	6,694	22,017	11,562	49,097	562	24
1	6,907	943	8,090	—	10,146	98,392	2	25
5	5,553	31,435	45,420	1,145	4,743	338	167	26
6,639	71,136	71,877	60,204	23,162	26,451	147,827	731	27
9,497	354,060	154,154	32,286	570	19,838	4,853	1,904	28
582	23,569	14,768	3,627	41,126	29,055	227	18	29
1,380	262,206	10,391	30	506	32,334	7,439	205	30
2,891	14,473	136,755	1	895	3,817	5,857	6,888	31
4,264	128,897	790,019	1,620	18,514	41,346	54,612	1,621	32
8,535	405,576	937,165	1,651	19,915	77,497	67,908	8,714	33
172,511	2,034,514	3,223,293	464,184	357,488	277,900	1,003,249	31,384	34

TABLE 12. Assets and Liabilities at End of Year, 1962 - 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.....	3,420,252	60	1,021	41,642
2	Transmission.....	1,276,759	-	-	12,904
3	Distribution.....	1,495,997	3,383	760	24,739
4	Other property and equipment.....	268,884	-	-	1,729
5	Totals.....	6,461,892	3,443	1,781	81,014
6	Accumulated depreciation.....	990,980	-	401	11,689
7	Total, less depreciation.....	5,470,912	3,443	1,380	69,325
8	Other fixed assets, less depreciation.....	307,630	-	-	2,947
9	Total fixed assets.....	5,778,542	3,443	1,380	72,272
	Current assets:				
10	Cash on hand and in banks.....	71,020	1	126	487
11	Temporary investments.....	28,611	-	-	377
12	Accounts receivable (net).....	109,237	17	54	1,781
13	Inventories.....	66,641	-	54	1,081
14	Other.....	14,864	-	-	579
15	Total current assets.....	290,373	18	234	4,305
	Investments:				
16	In associated companies.....	2,809	-	-	1,605
17	Reserve fund investments.....	235,615	-	-	11,683
18	Other.....	25,243	-	-	90
19	Total investments.....	263,667	-	-	13,378
20	Deferred charges and prepaid expenses.....	227,901	-	-	84
21	Other assets.....	25,566	96	-	69
22	Total assets.....	6,586,049	3,557	1,614	90,108
	Liabilities:				
23	Long-term debt.....	4,563,026	-	416	61,142
	Current liabilities:				
24	Accounts payable and accrued liabilities.....	152,796	45	35	2,226
25	Loans and notes payable.....	108,943	-	57	1,572
26	Other.....	78,801	-	-	204
27	Total current liabilities.....	340,540	45	92	4,002
28	Reserves.....	580,438	-	46	15,633
29	Deferred credits and other liabilities.....	88,295	-	-	1,001
	Capital and surplus:				
30	Share capital.....	6,219	3,512	-	1,150
31	Surplus - Capital.....	154,574	-	1,060	3,981
32	Earned.....	852,957	-	-	3,199
33	Total capital and surplus.....	1,013,750	3,512	1,060	8,330
34	Total liabilities.....	6,586,049	3,557	1,614	90,108

TABLE 12. Assets and Liabilities at End of Year, 1962 - Continued

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
61,522	620,151	1,624,721	208,671	87,138	37,984	498,138	19,204	1
40,473	258,369	689,783	45,303	59,537	12,970	154,107	3,313	2
43,296	245,507	612,813	154,111	115,378	29,851	266,159	—	3
5,580	60,627	136,827	17,551	16,134	2,523	26,460	1,453	4
170,871	1,384,654	3,064,144	425,636	278,187	83,328	944,864	23,970	5
32,748	193,415	447,149	79,400	57,710	28,412	134,761	5,295	6
138,123	1,191,239	2,616,995	346,236	220,477	54,916	810,103	18,675	7
8,155	13,171	12,859	60,711	75,712	6,266	120,885	6,924	8
146,278	1,204,410	2,629,854	406,947	296,189	61,182	930,988	25,599	9
856	8,207	53,774	3,366	1,521	1,519	1,154	9	10
7,936	197	19,212	18	54	106	711	—	11
3,297	18,972	51,639	5,888	5,819	1,796	18,858	1,116	12
1,874	8,277	35,119	4,889	5,917	2,696	6,032	702	13
2,362	2,247	5,661	1,959	1,013	538	505	—	14
16,325	37,900	165,405	16,120	14,324	6,655	27,260	1,827	15
—	4	—	—	—	—	1,200	—	16
1,820	481	161,645	25,284	32,587	1,099	2	1,014	17
130	12,013	—	10,359	2,109	532	10	—	18
1,950	12,498	161,645	35,643	34,696	1,631	1,212	1,014	19
3,009	23	194,858	5,034	6,550	69	18,267	7	20
882	12,420	7,729	75	1,410	95	2,715	75	21
168,444	1,267,251	3,159,491	463,819	353,169	69,632	980,442	28,522	22
147,251	864,329	2,021,074	366,416	272,558	35,025	775,855	18,960	23
6,400	28,303	37,052	6,661	21,730	2,179	47,900	265	24
1	1,153	886	8,090	—	16	97,168	—	25
5	464	31,272	45,190	1,097	366	120	83	26
6,406	29,920	69,210	59,941	22,827	2,561	145,188	348	27
9,497	348,159	154,143	32,286	564	13,612	4,655	1,843	28
198	14,106	12,223	3,555	41,100	16,059	53	—	29
1,311	1,171	—	—	—	—	386	—	30
2,891	7,785	124,168	1	895	1,860	5,830	6,513	31
4,264	1,781	778,673	1,620	15,225	495	48,475	858	32
8,535	10,737	902,841	1,621	16,120	2,375	54,691	7,371	33
172,511	2,034,511	3,159,491	463,819	353,169	69,632	980,442	28,522	34

TABLE 12. Assets and Liabilities at End of Year, 1962 - 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	778,380	68,767	9,616	43,832
2	Transmission	274,771	2,873	1,642	22,249
3	Distribution	351,868	21,097	4,600	29,252
4	Other property and equipment	100,952	9,099	411	5,867
5	Totals	1,505,971	101,836	16,269	101,200
6	Accumulated depreciation	429,722	17,154	2,441	29,786
7	Total, less depreciation	1,076,249	84,682	13,828	71,414
8	Other fixed assets, less depreciation	31,244	—	—	1,050
9	Total fixed assets	1,107,493	84,682	13,828	72,464
	Current assets:				
10	Cash on hand and in banks	8,446	425	72	328
11	Temporary investments	12,442	695	—	2,727
12	Accounts receivable (net)	33,329	1,562	461	1,828
13	Inventories	12,341	778	253	1,526
14	Other	6,603	14	—	116
15	Total current assets	73,161	3,474	786	6,525
	Investments:				
16	In associated companies	50,569	2,051	—	3,283
17	Reserve fund investments	2,399	—	—	2
18	Other	11,353	72	10	823
19	Total investments	64,321	2,123	10	4,108
20	Deferred charges and prepaid expenses	6,198	100	25	299
21	Other assets	12,571	893	112	562
22	Total assets	1,263,744	91,272	14,761	83,958
	Liabilities:				
23	Long-term debt	520,365	44,243	4,800	33,389
	Current liabilities:				
24	Accounts payable and accrued liabilities	52,240	3,471	731	3,788
25	Loans and notes payable	23,660	4,311	1,163	1,019
26	Other	10,967	132	142	484
27	Total current liabilities	86,867	7,914	2,036	5,291
28	Reserves	18,619	398	2,841	2,977
29	Deferred credits and other liabilities	32,437	2,847	1,471	2,441
	Capital and surplus:				
30	Share capital	363,806	25,781	750	24,341
31	Surplus - Capital	26,114	2,999	72	999
32	Earned	215,536	7,090	2,791	14,520
33	Total capital and surplus	605,456	35,870	3,613	39,860
34	Total liabilities	1,263,744	91,272	14,761	83,958

TABLE 12. Assets and Liabilities at End of Year, 1962 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
1,773	482,794	38,966	—	12,012	111,121	8,393	1,106	1
319	156,835	12,849	—	1,013	66,613	10,152	226	2
1,544	220,529	11,277	398	215	47,331	14,615	1,010	3
276	67,388	5,626	143	772	8,401	2,619	350	4
3,912	927,546	68,718	541	14,012	233,466	35,779	2,692	5
1,246	283,800	21,689	255	10,883	46,154	15,608	706	6
2,666	643,746	47,029	286	3,129	187,312	20,171	1,986	7
—	15,971	10,502	—	—	3,721	—	—	8
2,666	659,717	57,531	286	3,129	191,033	20,171	1,986	9
67	4,615	1,766	24	110	606	415	18	10
—	5,031	930	—	—	3,056	2	1	11
349	21,164	1,615	50	27	5,165	695	413	12
14	6,555	1,127	—	278	1,027	736	47	13
—	5,209	10	—	—	1,249	—	5	14
430	42,574	5,448	74	415	11,103	1,848	484	15
—	40,994	9	5	768	3,075	—	384	16
900	1,477	—	—	—	—	20	—	17
16	9,600	141	—	—	69	621	1	18
916	52,071	150	5	768	3,144	641	385	19
55	3,971	611	—	4	1,071	62	—	20
—	8,930	62	—	3	1,917	85	7	21
4,067	767,263	63,802	365	4,319	208,268	22,807	2,862	22
7	315,844	24,255	—	157	90,034	6,579	1,057	23
233	30,373	2,447	33	287	9,383	1,197	297	24
—	5,754	57	—	—	10,130	1,224	2	25
—	5,089	163	230	48	4,377	218	84	26
233	41,216	2,667	263	335	23,890	2,639	383	27
—	5,901	11	—	6	6,228	198	61	28
384	9,463	2,545	72	26	12,996	174	18	29
1,380	261,035	10,391	30	506	32,334	7,053	205	30
430	6,688	12,587	—	—	1,937	27	375	31
1,633	127,116	11,346	—	3,289	40,851	6,137	763	32
3,443	394,839	34,324	30	3,795	75,122	13,217	1,343	33
4,067	767,263	63,802	365	4,319	208,268	22,807	2,862	34

TABLE 13. Income Account, 1962

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	1,165,445	12,943	3,151	39,759
2	Other	62,573	390	14	792
3	Total operating revenue	1,228,018	13,333	3,165	40,551
	Operating expense:				
4	Operation, maintenance and administration	393,779	3,810	1,522	17,023
5	Power purchased	259,093	927	48	6,419
6	Depreciation	156,305	2,414	426	4,474
7	Total operating expense	809,177	7,151	1,996	27,916
8	Operating income	418,841	6,182	1,169	12,635
9	Other income	17,428	187	—	442
10	Total income	436,269	6,369	1,169	13,077
	Income deductions:				
11	Interest on long-term debt	227,320	2,029	247	4,587
12	Income tax	43,119	2,027	365	3,253
13	Other deductions	40,360	195	83	1,129
14	Total income deductions	310,799	4,251	695	8,969
15	Net income	125,470	2,118	474	4,108
	Publicly-operated:				
	Operating revenue:				
16	Sale of electricity ¹	865,516	22	467	13,607
17	Other	56,955	46	8	365
18	Total operating revenue	922,471	68	475	13,972
	Operating expense:				
19	Operation, maintenance and administration	297,757	159	209	5,132
20	Power purchased	192,892	—	48	3,451
21	Depreciation	120,502	—	50	1,133
22	Total operating expense	611,151	159	307	9,716
23	Operating income	311,320	- 91	168	4,256
24	Other income	9,950	—	—	65
25	Total income	321,270	- 91	168	4,321
	Income deductions:				
26	Interest on long-term debt	206,054	—	10	3,028
27	Income tax	1,229	—	—	—
28	Other deductions	36,170	—	83	863
29	Total income deductions	243,453	—	93	3,891
30	Net income	77,817	- 91	75	430
	Privately operated:				
	Operating revenue:				
31	Sale of electricity ¹	299,929	12,921	2,684	26,152
32	Other	5,618	344	6	427
33	Total operating revenue	305,547	13,265	2,690	26,579
	Operating expense:				
34	Operation, maintenance and administration	96,022	3,651	1,313	11,891
35	Power purchased	66,201	927	—	2,968
36	Depreciation	35,803	2,414	376	3,341
37	Total operating expense	198,026	6,992	1,689	18,200
38	Operating income	107,521	6,273	1,001	8,379
39	Other income	7,478	187	—	377
40	Total income	114,999	6,460	1,001	8,756
	Income deductions:				
41	Interest on long-term debt	21,266	2,029	237	1,559
42	Income tax	41,890	2,027	365	3,253
43	Other deductions	4,190	195	—	266
44	Total income deductions	67,346	4,251	602	5,078
45	Net income	47,653	2,209	399	3,678

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 6.

TABLE 13. Income Account, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
30,245	311,904	488,735	47,349	46,742	75,058	105,094	4,465	1
155	7,672	4,845	938	38	1,310	45,358	1,061	2
30,400	319,576	493,580	48,287	46,780	76,368	150,452	5,526	3
11,409	95,583	141,103	17,744	18,903	21,010	62,843	2,829	4
5,156	62,419	158,748	4,548	2,830	13,246	4,095	657	5
4,846	41,072	50,040	10,834	9,631	7,988	23,971	609	6
21,411	199,074	349,891	33,126	31,364	42,244	90,909	4,095	7
8,989	120,502	143,689	15,161	15,416	34,124	59,543	1,431	8
10	7,225	113	2,118	2,292	1,262	3,750	29	9
8,999	127,727	143,802	17,279	17,708	35,386	63,293	1,460	10
6,163	50,450	91,117	13,172	9,634	5,788	43,331	802	11
213	24,375	3,235	—	235	8,073	1,141	202	12
1,783	4,835	22,580	1,928	1,850	4,330	1,645	2	13
8,159	79,660	116,932	15,100	11,719	18,191	46,117	1,006	14
840	48,067	26,870	2,179	5,989	17,195	17,176	454	15
27,413	124,665	472,383	46,736	44,985	34,448	97,990	2,800	16
129	3,523	4,720	936	37	838	45,299	1,054	17
27,542	128,188	477,103	47,672	45,022	35,286	143,289	3,854	18
10,674	37,338	137,300	17,698	18,023	8,601	60,257	2,366	19
8,724	7,211	155,977	3,998	2,734	12,672	3,077	—	20
4,701	20,893	48,514	10,815	9,260	1,625	23,010	501	21
19,099	65,442	341,791	32,511	31,017	22,898	86,344	2,867	22
8,443	62,746	135,312	15,161	15,005	12,388	56,945	987	23
7	1,351	7	2,118	2,291	475	3,636	—	24
8,450	64,097	135,319	17,279	17,296	12,863	60,581	987	25
6,089	38,193	90,060	13,172	9,627	2,066	43,052	757	26
—	1,177	—	—	29	—	23	—	27
1,783	3,140	21,792	1,928	1,850	3,161	1,570	—	28
7,872	42,510	111,852	15,100	11,506	5,227	44,645	757	29
578	21,587	23,467	2,179	5,790	7,636	15,936	230	30
2,832	187,239	16,352	613	1,757	40,610	7,104	1,665	31
26	4,149	125	2	1	472	59	7	32
2,858	191,388	16,477	615	1,758	41,082	7,163	1,672	33
735	58,245	3,803	46	880	12,409	2,586	463	34
1,432	55,208	2,771	550	96	574	1,018	657	35
145	20,179	1,526	19	371	6,363	961	108	36
2,312	133,632	8,100	615	1,347	19,346	4,565	1,228	37
546	57,756	8,377	—	411	21,736	2,598	444	38
3	5,874	106	—	1	787	114	29	39
549	63,630	8,483	—	412	22,523	2,712	473	40
74	12,257	1,057	—	7	3,722	279	45	41
213	23,198	3,235	—	206	8,073	1,118	202	42
—	1,695	788	—	—	1,169	75	2	43
287	37,150	5,080	—	213	12,964	1,472	249	44
262	26,480	3,403	—	199	9,559	1,240	224	45

TABLE 14. Taxes, 1962

No.		Canada	Newfoundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities—Publicly and privately-operated:				
1	Municipal	22,968	81	71	1,554
2	Provincial	16,527	22	1	14
3	Federal	33,503	2,027	369	3,228
4	Total taxes	72,998	2,130	441	4,796
5	Per cent of total for Canada	100.00	2.92	0.60	6.57
	Publicly-operated:				
6	Municipal	13,201	—	11	239
7	Provincial	5,999	—	—	1
8	Federal	989	—	—	—
9	Total taxes	20,189	—	11	240
10	Per cent of total for Canada	100.00	—	0.05	1.19
	Privately-operated:				
11	Municipal	9,767	81	60	1,315
12	Provincial	10,528	22	1	13
13	Federal	32,514	2,027	369	3,228
14	Total taxes	52,809	2,130	430	4,556
15	Per cent of total for Canada	100.00	4.03	0.81	8.63

TABLE 15. Capital and Repair Expenditures¹

No.		1961						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	177,117	10,851	187,968	5,936	3,217	9,153	197,121
2	Electric transformer stations	23,848	6,153	30,001	2,497	739	3,236	33,237
3	Power transmission and distribution	125,469	27,372	152,841	4,122	2,891	7,013	159,854
4	Street lighting	9,041	2,266	11,307	6,057	3,805	9,862	21,169
5	Total generating transmission and distribution facilities	335,475	46,642	382,117	18,612	10,652	29,264	411,381
6	Dams and reservoirs	33,653	636	34,289	...	...	...	...
7	Other facilities	43,872	1,922	45,794	...	...	...	...
8	Totals	413,000	49,200	462,200	...	...	...	...
9	Machinery and equipment	156,800	29,500	186,300	...	...	...	...
10	Total electric utilities	569,800	78,700	648,500	...	...	...	...

¹ Compiled by Business Finance Division, DBS.

TABLE 14. Taxes, 1962

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
279	6,475	6,461	859	732	3,251	3,194	11	1
36	12,065	1,101	—	37	137	3,114	—	2
216	16,773	3,564	—	205	5,863	1,049	209	3
531	35,313	11,126	859	974	9,251	7,357	220	4
0.73	48.38	15.24	1.18	1.33	12.67	10.08	0.30	5
155	1,008	5,686	859	729	1,388	3,126	—	6
2	2,815	297	—	33	—	2,851	—	7
17	45	926	—	—	—	1	—	8
174	3,868	6,909	859	762	1,388	5,978	—	9
0.86	19.16	34.22	4.25	3.78	6.88	29.61	—	10
124	5,467	775	—	3	1,863	68	11	11
34	9,250	804	—	4	137	263	—	12
199	16,728	2,638	—	205	5,863	1,048	209	13
357	31,445	4,217	—	212	7,863	1,379	220	14
0.68	59.54	7.99	—	0.40	14.89	2.61	0.42	15

TABLE 15. Capital and Repair Expenditures¹

1962							Grand total	No.
Electric utilities ²			Other industries					
Capital	Repairs	Total	Capital	Repairs	Total			
thousands of dollars								
194,275	12,345	206,620	7,696	3,256	10,952	217,572	1	
23,078	5,776	28,854	2,579	686	3,265	32,119	2	
147,347	27,910	175,257	7,553	2,753	10,306	185,563	3	
6,247	2,410	8,657	6,775	3,652	10,427	19,084	4	
370,947	48,441	419,388	24,603	10,347	34,950	454,338	5	
42,703	420	43,123	...	...	...	...	6
27,150	2,139	29,289	...	...	...	...	7
440,800	51,000	491,800	...	...	...	...	8
142,594	31,560	174,154	...	...	...	...	9
583,394	82,560	665,954	...	...	...	...	10

¹ Includes Aluminum Company of Canada Ltd.

TABLE 16. Supply and Demand of Electric Energy, 1950-61
Canada

No.		1950	1951	1952	1953
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	39,712,873	46,096,297	49,578,034	49,408,537
2	Industries	12,422,132	12,158,002	12,783,682	15,113,309
3	Totals	52,134,805	58,254,299	62,361,716	64,521,846
	Thermal-generation (net):				
4	Utilities	1,692,849	1,775,562	2,293,147	3,836,239
5	Industries	1,554,308	1,745,851	1,841,658	1,942,785
6	Totals	3,247,157	3,521,413	4,134,805	5,779,024
7	Grand total generation (3 + 6).....	55,381,962	61,775,712	66,496,521	70,300,870
8	Imports from United States	2,591	8,956	19,985	180,637
9	Imports from other provinces .....	...	...	...	...
10	Total supply of electric energy (7 + 8 + 9)	55,384,553	61,784,668	66,516,506	70,481,507
	Demand for electric energy:				
11	Residential and farm	6,750,303	7,726,114	8,741,182	9,877,927
	Manufacturing consumption:				
12	Pulp and paper	12,389,859	13,142,684	13,972,041	14,700,541
13	Smelting and refining	9,918,509	10,800,837	12,045,222	13,311,547
14	Chemicals	3,444,158	3,905,452	3,709,041	3,895,808
15	Primary iron and steel	1,835,569	2,363,325	2,600,279	1,927,431
16	Abrasives	725,705	1,121,261	934,275	1,029,784
17	Other manufacturing	4,929,668	5,544,304	5,806,352	6,404,683
18	Total manufacturing consumption (12 to 17).....	33,243,468	36,877,863	39,067,210	41,269,594
19	Mining consumption	2,530,100	2,813,306	2,942,388	2,914,609
20	Total industrial consumption (18 + 19).....	35,773,568	39,691,169	42,009,598	44,184,203
	Commercial and other consumption:				
21	At power rates	2,821,799	2,739,879	3,426,038	3,300,122
22	At commercial rates	2,809,459	3,152,501	3,489,248	3,881,423
23	Street lighting	303,276	320,722	348,246	379,815
24	Totals (21 + 22 + 23)	5,934,534	6,213,102	7,263,532	7,561,360
25	Line loss, free service and unaccounted for	5,000,281	5,778,761	6,008,984	6,434,187
26	Residual error of estimate	-	-	-	-
27	Total domestic demand (11 + 18 + 19 + 24 + 25 + 26) ..	53,458,686	59,409,146	64,023,296	68,057,477
28	Total exports to United States	1,925,867	2,375,522	2,493,210	2,424,030
29	Total exports to other provinces .....	...	...	...	...
30	Total demand for electric energy (27 + 28 + 29).....	55,384,553	61,784,668	66,516,506	70,481,507

TABLE 16. Supply and Demand of Electric Energy, 1950-61
Canada

1954	1955	1956	1957	1958	1959	1960	1961	No.
thousands of kilowatt-hours								
53,009,910	59,773,529	64,242,172	66,040,067	71,171,268	77,767,745	83,202,548	82,325,864	1
16,320,565	16,963,976	17,613,588	17,333,153	19,337,932	19,272,085	22,680,225	21,593,377	2
69,330,475	76,737,505	81,855,740	83,373,220	90,509,200	97,039,830	105,882,773	103,919,241	3
3,282,190	3,340,340	4,403,530	5,482,927	4,781,864	5,281,140	5,953,853	7,062,771	4
1,926,917	2,143,459	2,195,339	2,258,608	2,234,525	2,349,588	2,620,568	2,731,306	5
5,209,107	5,483,799	6,598,869	7,741,535	7,016,389	7,630,728	8,574,421	9,794,077	6
74,539,582	82,221,304	88,454,609	91,114,755	97,525,589	104,670,558	114,457,194	113,713,318	7
119,024	158,562	239,173	832,974	245,062	512,002	356,878	1,394,014	8
...	...	...	...	...	...	...	...	9
74,658,606	82,379,866	88,693,782	91,947,729	97,770,651	105,182,560	114,814,072	115,107,332	10
11,280,513	12,713,204	14,338,789	15,857,618	17,290,984	19,007,111	20,397,014	21,975,672	11
15,376,028	15,177,125	15,231,703	16,049,923	18,287,599	19,371,127	20,916,595	20,821,332	12
13,675,773	15,196,100	15,375,544	14,954,989	16,372,053	15,902,306	19,735,198	18,032,758	13
4,196,480	4,247,488	4,481,714	4,831,978	5,766,263	5,947,417	6,411,146	6,207,780	14
1,578,564	2,211,757	2,676,761	2,553,634	1,818,214	2,303,183	2,512,295	2,615,444	15
790,159	1,034,460	1,127,217	1,201,933	902,249	1,070,648	1,162,801	979,495	16
6,776,410	7,339,494	8,225,143	8,681,987	9,080,782	10,331,732	10,686,698 ^r	10,872,023	17
42,393,414	45,206,424	47,118,082	48,274,444	52,227,160	54,926,413	61,424,733 ^r	59,528,832	18
3,129,504	3,427,535	4,075,465	4,339,053	4,649,256	4,809,849	4,928,387	4,825,625	19
45,522,918	48,633,959	51,193,547	52,613,497	56,876,418	59,736,262	66,353,120 ^r	64,354,457	20
3,720,320	4,152,463	4,155,401	3,717,537	3,604,434	4,556,867	4,032,465 ^f	4,814,910	21
4,210,156	4,890,922	5,191,465	5,974,378	6,414,986	6,874,678	7,943,258 ^f	8,780,988	22
406,609	435,677	473,726	511,439	554,733	584,704	656,759	726,813	23
8,337,085	9,279,062	9,820,592	10,203,354	10,574,153	12,016,249	12,632,482 ^r	14,322,711	24
6,799,782	7,320,181	8,232,578	8,378,087	8,784,705	9,634,157	10,391,756 ^r	10,523,046	25
—	—	4,607	62,693	158,475	195,737	— 472,152 ^f	— 226,085	26
71,940,298	77,946,406	83,590,113	87,115,249	93,684,733	100,589,516	109,302,220	110,949,801	27
2,718,308	4,433,460	5,103,669	4,832,480	4,085,918	4,593,044	5,511,852	4,157,531	28
...	...	...	...	...	...	...	...	29
74,658,606	82,379,866	88,693,782	91,947,729	97,770,651	105,182,560	114,814,072	115,107,332	30

**TABLE 16. Supply and Demand of Electric Energy 1950-61 - Continued
Newfoundland**

No.		1950	1951	1952	1953
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	146,461	170,898	228,875	247,187
2	Industries	912,457	885,125	930,757	868,222
3	Totals	1,058,918	1,030,023	1,159,032	1,115,409
	Thermal-generation (net):				
4	Utilities	1,009	1,538	4,416	4,240
5	Industries	27,000	25,000	30,000	25,000
6	Totals	28,009	26,538	34,416	29,240
7	Grand total generation (3 + 6)	1,086,927	1,056,561	1,194,048	1,144,649
8	Imports from United States	—	—	—	—
9	Imports from other provinces	—	—	—	—
10	Total supply of electric energy (7 + 8 + 9)	1,086,927	1,056,561	1,194,048	1,144,649
	Demand for electric energy:				
11	Residential and farm	40,051	48,258	61,577	71,977
	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)	934,625	886,029	968,566	913,508
19	Mining consumption	46,244	52,025	56,007	60,599
20	Total industrial consumption (18 + 19)	980,869	938,054	1,024,573	974,107
	Commercial and other consumption:				
21	At power rates	26,183	30,124	55,824	35,476
22	At commercial rates	17,213	16,618	22,928	22,556
23	Street lighting	2,537	2,737	3,823	3,859
24	Totals (21 + 22 + 23)	45,933	49,479	82,575	61,891
25	Line loss, free service and unaccounted for	20,074	20,770	25,323	36,674
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11 + 18 + 19 + 24 + 25 + 26)	1,086,927	1,056,561	1,194,048	1,144,649
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	—	—	—	—
30	Total demand for electric energy (27 + 28 + 29)	1,086,927	1,056,561	1,194,048	1,144,649

TABLE 16. Supply and Demand of Electric Energy 1950-61 - Continued
Newfoundland

1954	1955	1956	1957	1958	1959	1960	1961	No.
thousands of kilowatt-hours								
274,213	704,797	1,009,291	969,891	983,499	1,009,845	1,036,514	935,851	1
873,298	561,130	351,454	343,505	357,344	360,981	388,163	384,701	2
1,147,511	1,265,927	1,360,745	1,313,396	1,340,843	1,370,826	1,424,677	1,320,552	3
5,564	6,658	2,967	12,524	8,576	35,665	47,198	86,751	4
25,506	30,910	32,334	49,789	61,753	42,147	39,684	50,257	5
31,070	37,568	35,301	62,313	70,329	77,812	86,882	137,008	6
1,178,581	1,303,495	1,396,046	1,375,709	1,411,172	1,448,638	1,511,559	1,457,560	7
-	-	-	-	-	-	-	-	8
-	-	-	8,504	-	-	-	-	9
1,178,581	1,303,495	1,396,046	1,384,213	1,411,172	1,448,638	1,511,559	1,457,560	10
87,089	103,400	121,714	132,678	138,766	160,820	169,481	179,761	11
								12
								13
								14
								15
								16
								17
917,464	969,733	966,182	911,183	929,525	944,966	953,905 ^f	890,727	18
66,928	73,438	98,066	108,130	107,251	111,130	118,300	133,410	19
984,392	1,043,171	1,064,248	1,019,313	1,036,776	1,056,096	1,072,205 ^f	1,024,137	20
41,630	47,574	42,231	39,839	38,357	34,949	41,955 ^f	31,382	21
25,296	29,271	32,642	35,511	37,969	41,809	50,429	57,960	22
2,979	4,411	3,883	4,073	4,112	4,429	5,065	5,351	23
70,905	81,256	78,756	79,423	80,438	81,187	97,449 ^f	94,693	24
36,195	75,668	104,391	110,663	110,963	113,141	103,924 ^f	102,712	25
-	-	- 4,559	- 2,484	7,255	- 3,899	- 16,214 ^f	- 18,967 ^f	26
1,178,581	1,303,495	1,364,550	1,339,593	1,374,198	1,407,345	1,428,845	1,382,336	27
-	-	-	-	-	-	-	-	28
-	-	31,496	44,620	36,974	41,293	84,714	75,224	29
1,178,581	1,303,495	1,396,046	1,384,213	1,411,172	1,448,638	1,511,559	1,457,560	30

TABLE 16. Supply and Demand of Electric Energy 1950-61 - Continued
Prince Edward Island

No.		1950	1951	1952	1953
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities.....	371	565	509	366
2	Industries	—	—	—	—
3	Totals	371	565	509	366
	Thermal-generation (net):				
4	Utilities	28,679	32,203	35,370	39,073
5	Industries	—	—	—	—
6	Totals	28,679	32,203	35,370	39,073
7	Grand total generation (3 + 6)	29,050	32,768	35,879	39,439
8	Imports from the United States	—	—	—	—
9	Imports from other provinces	—	—	—	—
10	Total supply of electric energy (7 + 8 + 9)	29,050	32,768	35,879	39,439
	Demand for electric energy:				
11	Residential and farm	10,526	11,479	11,954	13,043
	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)	3,273	3,614	3,656	4,275
19	Mining consumption	—	—	—	—
20	Total industrial consumption (18 + 19)	3,273	3,614	3,656	4,275
	Commercial and other consumption:				
21	At power rates	2,571	2,864	3,604	4,515
22	At commercial rates	7,815	10,063	10,926	11,094
23	Street lighting	498	521	620	766
24	Totals (21 + 22 + 23)	10,884	13,448	15,150	16,375
25	Line loss, free service and unaccounted for	4,367	4,227	5,119	5,747
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11 + 18 + 19 + 24 + 25 + 26)	29,050	32,768	35,879	39,439
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	—	—	—	—
30	Total demand for electric energy (27 + 28 + 29)	29,050	32,768	35,879	39,439

TABLE 16. Supply and Demand of Electric Energy 1950-61 — Continued
Prince Edward Island

1954	1955	1956	1957	1958	1959	1960	1961	No.
thousands of kilowatt-hours								
645	545	441	370	537	340	415	407	1
—	—	—	—	—	—	—	—	2
645	545	441	370	537	340	415	407	3
41,869	45,885	51,355	56,613	62,492	70,802	79,037	88,150	4
7	7	7	5	5	—	—	—	5
41,876	45,892	51,362	56,618	62,497	70,802	79,037	88,150	6
42,521	46,437	51,803	56,988	63,034	71,142	79,452	88,557	7
—	—	—	—	—	—	—	—	8
—	—	—	—	—	—	—	—	9
42,521	46,437	51,803	56,988	63,034	71,142	79,452	88,557	10
14,053	15,789	18,957	20,560	23,103	27,033	30,130	38,314 ^f	11
								12
								13
								14
								15
								16
								17
5,023	4,987	5,568	5,746	5,727	8,983	8,870 ^f	8,557	18
—	—	—	—	—	—	—	—	19
5,023	4,987	5,568	5,746	5,727	8,983	8,870 ^f	8,557	20
4,739	5,160	2,503	2,131	2,994	2,959	5,312 ^f	2,972	21
11,660	12,420	15,861	18,088	19,507	19,894	20,511	24,746	22
808	785	803	995	1,017	1,238	1,208	1,037	23
17,207	18,365	19,167	21,214	23,518	24,091	27,031 ^f	28,755	24
6,238	7,296	8,012	9,375	10,582	11,035	13,421	12,931	25
—	—	99	93	104	—	—	—	26
42,521	46,437	51,803	56,988	63,034	71,142	79,452	88,557	27
—	—	—	—	—	—	—	—	28
—	—	—	—	—	—	—	—	29
42,521	46,437	51,803	56,988	63,034	71,142	79,452	88,557	30

TABLE 16. Supply and Demand of Electric Energy 1950-61 - Continued
Nova Scotia

No.		1950	1951	1952	1953
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	376,441	494,418	458,912	469,948
2	Industries	151,343	102,743	98,494	90,167
3	Totals	527,784	597,161	557,406	560,115
	Thermal-generation (net):				
4	Utilities	294,968	331,055	456,665	505,560
5	Industries	107,450	137,328	138,376	160,811
6	Totals	402,418	468,383	595,041	666,371
7	Grand total generation (3 + 6)	930,202	1,065,544	1,152,447	1,226,486
8	Imports from the United States	—	—	—	—
9	Imports from other provinces	—	—	—	—
10	Total supply of electric energy (7 + 8 + 9)	930,202	1,065,544	1,152,447	1,226,486
	Demand for electric energy:				
11	Residential and farm	147,522	168,349	189,712	222,194
	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)	374,235	444,321	472,483	498,226
19	Mining consumption	149,463	159,995	173,411	177,775
20	Total industrial consumption (18 + 19)	523,698	604,316	645,894	676,001
	Commercial and other consumption:				
21	At power rates	70,494	81,063	100,528	109,302
22	At commercial rates	72,368	76,959	85,315	89,784
23	Street lighting	8,268	8,527	8,796	9,065
24	Totals (21 + 22 + 23)	151,130	166,549	194,639	208,151
25	Line loss, free service and unaccounted for	102,118	120,101	115,560	113,230
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11 + 18 + 19 + 24 + 25 + 26) ..	924,468	1,059,315	1,145,805	1,219,576
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	5,734	6,229	6,642	6,910
30	Total demand for electric energy (27 + 28 + 29)	930,202	1,065,544	1,152,447	1,226,486

TABLE 16. Supply and Demand of Electric Energy 1950-61 -- Continued
Nova Scotia

1954	1955	1956	1957	1958	1959	1960	1961	No.
thousands of kilowatt-hours								
526,928	499,038	554,685	498,183	606,264	640,255	618,855	512,225	1
67,648	40,937	37,676	28,310	39,336	39,195	36,309	31,785	2
594,576	539,975	592,361	526,493	645,600	679,450	655,164	544,010	3
561,116	697,403	761,004	857,135	793,202	852,688	1,042,399	1,183,598	4
137,743	137,560	127,863	150,209	123,940	117,904	116,370	133,525	5
698,859	834,963	888,867	1,007,344	917,142	970,592	1,158,769	1,317,123	6
1,293,435	1,374,938	1,481,228	1,533,837	1,562,742	1,650,042	1,813,933	1,861,133	7
—	—	—	—	—	—	—	—	8
—	—	—	—	—	—	588	15,214	9
1,293,435	1,374,938	1,481,228	1,533,837	1,562,742	1,650,042	1,814,521	1,876,347	10
248,343	281,846	319,243	356,000	385,465	434,396	461,926	512,244	11
								12
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								14
								15
								16
								17
485,350	497,592	545,385	528,384	479,427	508,055	590,368 ^f	546,939	18
183,701	184,044	184,646	171,895	175,908	156,993	152,588	146,654	19
669,051	681,636	730,031	700,279	655,335	665,048	742,956 ^f	693,593	20
121,391	143,724	154,563	162,897	177,123	196,787	175,749 ^f	203,664	21
96,352	102,862	109,906	121,300	126,006	131,068	138,477	156,025	22
9,348	10,054	10,322	10,046	12,111	12,715	14,261	17,256	23
227,091	256,640	274,791	294,243	315,240	340,570	328,487 ^f	376,945	24
141,714	146,905	156,539	171,677	148,761	150,177	206,565 ^f	219,795	25
—	—	— 7,610	2,780	47,992	45,867	— 6,601 ^f	— 25,885	26
1,286,199	1,367,027	1,472,994	1,524,979	1,552,793	1,636,058	1,733,333	1,776,692	27
—	—	—	—	—	—	—	—	28
7,236	7,911	8,234	8,858	9,949	13,984	81,188	99,655	29
1,293,435	1,374,938	1,481,228	1,533,837	1,562,742	1,650,042	1,814,521	1,876,347	30

TABLE 16. Supply and Demand of Electric Energy 1950-61 — Continued
New Brunswick

No.		1950	1951	1952	1953
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	472,271	508,832	446,439	483,846
2	Industries	69,039	69,164	69,858	74,412
3	Totals	541,310	577,996	516,297	558,258
	Thermal-generation (net):				
4	Utilities	206,830	229,817	290,013	234,104
5	Industries	283,994	279,369	283,872	327,946
6	Totals	490,824	509,186	573,885	562,050
7	Grand total generation (3 + 6)	1,032,134	1,087,182	1,090,182	1,120,308
8	Imports from United States	17	2	3	3
9	Imports from other provinces	14,651	15,776	16,981	15,001
10	Total supply of electric energy (7 + 8 + 9)	1,046,802	1,103,960	1,107,166	1,135,312
	Demand for electric energy:				
11	Residential and farm	97,752	110,734	122,859	104,219
	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)	767,642	798,946	772,225	790,339
19	Mining consumption	5,470	8,431	11,605	12,064
20	Total industrial consumption (18 + 19)	773,112	807,377	783,830	802,403
	Commercial and other consumption:				
21	At power rates	17,818	14,258	31,494	35,507
22	At commercial rates	54,795	55,750	61,089	65,246
23	Street lighting	7,506	7,975	8,787	9,382
24	Totals (21 + 22 + 23)	80,119	77,983	101,370	110,135
25	Line loss, free service and unaccounted for	49,658	57,305	57,648	48,031
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11 + 18 + 19 + 24 + 25 + 26) ..	1,000,641	1,053,399	1,065,707	1,096,782
28	Total exports to United States	46,128	49,561	41,459	37,975
29	Total exports to other provinces	33	—	—	55
30	Total demand for electric energy (27 + 28 + 29)	1,046,802	1,102,960	1,107,166	1,135,312

TABLE 16. Supply and Demand of Electric Energy 1950-61 — Continued
New Brunswick

1954	1955	1956	1957	1958	1959	1960	1961	No.
thousands of kilowatt-hours								
654,555	497,578	454,448	634,050	954,222	1,050,563	751,809	959,464	1
66,247	53,921	68,490	72,414	68,798	65,272	64,296	61,273	2
720,802	551,499	522,938	706,464	1,023,020	1,115,835	816,105	1,020,737	3
220,566	343,998	441,622	348,883	243,428	255,353	421,131	379,788	4
323,380	396,945	398,193	349,414	346,234	452,285	501,142	511,612	5
543,946	740,943	839,815	698,297	589,662	707,638	922,273	891,400	6
1,264,748	1,292,442	1,362,753	1,404,761	1,612,682	1,823,473	1,738,378	1,912,137	7
3	3	11,451	4,525	591	151	14,724	13,512	8
17,275	18,470	21,621	23,156	25,851	27,986	96,500	118,932	9
1,282,026	1,310,915	1,395,825	1,432,442	1,639,124	1,851,610	1,849,602	2,044,581	10
153,212	171,052	195,768	225,210	253,273	300,825	328,107	362,040	11
								12
								13
								14
								15
								16
								17
842,120	879,410	886,719	858,471	890,600	968,689	1,054,471 ^f	1,054,209	18
14,602	21,313	22,273	39,516	23,951	19,515	21,023	24,535	19
856,722	900,723	908,992	897,987	914,551	988,204	1,075,494 ^f	1,078,744	20
46,513	63,673	86,514	52,810	147,329	170,922	46,632 ^f	132,298	21
71,734	78,425	84,712	91,425	97,745	105,702	110,215	122,416	22
9,599	9,698	9,901	10,910	12,053	14,262	15,717	18,586	23
127,846	151,796	181,127	155,145	257,127	290,886	172,564 ^f	273,300	24
81,133	54,455	90,548	108,117	87,294	117,337	128,646	112,924	25
—	—	— 5,624	— 2,666	— 15,910	— 4,274	— 20,906	— 2,504	26
1,218,913	1,278,026	1,370,811	1,383,793	1,496,335	1,692,978	1,683,905	1,824,504	27
62,333	32,889	25,014	48,649	142,789	158,621	165,109	204,863	28
780	—	—	—	—	11	588	15,214	29
1,282,026	1,310,915	1,395,825	1,432,442	1,639,124	1,851,610	1,849,602	2,044,581	30

**TABLE 16. Supply and Demand of Electric Energy 1950-61 — Continued
Quebec**

No.		1950	1951	1952	1953
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	20,555,800	22,994,531	24,847,058	24,478,750
2	Industries	7,792,295	7,753,001	8,308,774	10,355,955
3	Totals	28,348,095	30,747,532	33,155,832	34,834,705
	Thermal-generation (net):				
4	Utilities	8,810	11,666	14,296	21,714
5	Industries	108,599	111,702	119,649	111,382
6	Totals	117,409	123,368	133,945	133,096
7	Grand total generation (3 + 6)	28,465,504	30,870,900	33,289,777	34,967,801
8	Imports from United States	383	215	500	720
9	Imports from other provinces	19,310	6,538	8,678	9,421
10	Total supply of electric energy (7 + 8 + 9)	28,485,197	30,877,653	33,298,955	34,977,942
	Demand for electric energy:				
11	Residential and farm	1,199,887	1,434,277	1,680,591	1,984,815
	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)	17,500,178	19,535,828	21,215,383	22,639,243
19	Mining consumption	668,817	730,627	801,467	779,976
20	Total industrial consumption (18 + 19)	18,168,995	20,266,455	22,016,850	23,419,219
	Commercial and other consumption:				
21	At power rates	812,533	720,340	1,076,218	1,017,879
22	At commercial rates	712,633	786,458	860,104	981,760
23	Street lighting	58,886	63,428	70,157	77,590
24	Totals (21 + 22 + 23)	1,584,052	1,570,226	2,006,479	2,077,229
25	Line loss, free service and unaccounted for	1,637,608	1,889,932	1,918,351	2,082,658
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11 + 18 + 19 + 24 + 25 + 26)	22,590,542	25,160,890	27,622,271	29,533,921
28	Total exports to United States	641,772	646,993	664,978	677,975
29	Total exports to other provinces	5,252,883	5,069,770	5,011,706	4,766,048
30	Total demand for electric energy (27 + 28 + 29)	28,485,197	30,877,653	33,298,955	34,977,942

TABLE 16. Supply and Demand of Electric Energy 1950-61 - Continued
Quebec

1954	1955	1956	1957	1958	1959	1960	1961	No.
thousands of kilowatt-hours								
24,728,478	25,854,181	27,250,134	28,529,995	32,028,178	33,262,401	36,155,183	36,045,975	1
10,690,240	10,886,566	10,288,906	9,375,819	11,389,884	11,358,742	13,954,088	13,501,830	2
35,418,718	36,740,747	37,539,040	37,905,814	43,418,062	44,621,143	50,109,271	49,547,805	3
15,644	27,250	19,345	7,927	8,604	29,532	33,183	24,390	4
126,823	163,584	202,204	217,686	208,902	203,251	290,447	283,400	5
142,467	190,834	221,549	225,613	217,506	232,783	323,630	307,790	6
35,561,185	36,931,581	37,760,589	38,131,427	43,635,568	44,853,926	50,432,901	49,855,595	7
539	1,034	306	710	833	852	569	85	8
10,621	10,574	57,306	66,400	51,318	57,436	102,900	184,699	9
35,572,345	36,943,189	37,818,201	38,198,537	43,687,719	44,912,214	50,536,370	50,040,379	10
2,342,693	2,689,760	3,109,448	3,582,204	4,017,294	4,553,174	5,000,588	5,500,250	11
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23,080,637	23,649,068	23,145,105	23,002,859	26,544,195	26,745,458	31,450,603 ^r	29,952,738	18
848,889	1,017,490	1,159,422	1,095,977	1,094,105	1,226,912	1,277,748	1,410,076	19
23,929,526	24,666,558	24,304,527	24,098,836	27,638,300	27,972,370	32,728,351 ^r	31,362,814	20
839,042	1,169,080	1,147,237	812,945	781,964	1,184,618	936,531 ^r	1,179,025	21
1,061,791	1,196,118	1,291,314	1,420,404	1,507,370	1,669,531	1,799,100	2,009,603	22
85,450	97,273	104,929	115,800	123,636	116,183	149,959	166,992	23
1,986,283	2,462,471	2,543,480	2,349,149	2,412,970	2,970,332	2,885,590 ^r	3,355,620	24
2,161,346	2,308,301	2,543,806	2,591,911	2,856,401	2,983,863	3,386,665 ^r	3,539,992	25
—	—	36,133	83,817	229,529	184,414	1,109 ^r	8,680	26
30,419,848	32,127,090	32,537,394	32,705,917	37,154,494	38,664,153	44,002,303	43,767,356	27
659,232	665,519	673,620	549,040	526,336	555,358	569,074	406,814	28
4,493,265	4,150,580	4,607,187	4,943,580	6,006,889	5,692,703	5,964,993	5,866,209	29
35,572,345	36,943,189	37,818,201	38,198,537	43,687,719	44,912,214	50,536,370	50,040,379	30

TABLE 16. Supply and Demand of Electric Energy 1950-61 - Continued
Ontario

No.		1950	1951	1952	1953
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	12,458,421	15,726,748	16,722,830	16,323,488
2	Industries	1,360,482	1,380,329	1,383,343	1,576,649
3	Totals	13,818,903	17,107,077	18,106,173	17,900,137
	Thermal-generation (net):				
4	Utilities	110,753	112,494	419,025	1,773,947
5	Industries	641,603	721,747	706,891	683,087
6	Totals	752,356	834,241	1,125,916	2,457,034
7	Grand total generation (3 + 6)	14,571,259	17,941,318	19,232,089	20,357,171
8	Imports from United States	—	—	—	174,477
9	Imports from other provinces	5,243,966	5,060,223	5,001,367	4,757,955
10	Total supply of electric energy (7 + 8 + 9)	19,815,225	23,001,541	24,233,456	25,289,603
	Demand for electric energy:				
11	Residential and farm	3,662,862	4,148,661	4,639,536	5,105,055
	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)	9,455,919	10,819,447	10,978,485	11,331,932
19	Mining consumption	941,370	1,184,449	1,159,423	1,133,795
20	Total industrial consumption (18 + 19)	10,397,289	12,003,896	12,137,908	12,465,727
	Commercial and other consumption:				
21	At power rates	931,327	944,302	1,167,365	1,188,280
22	At commercial rates	1,251,450	1,446,862	1,602,981	1,803,444
23	Street lighting	142,999	149,186	164,548	180,582
24	Totals (21 + 22 + 23)	2,325,776	2,540,350	2,934,894	3,172,306
25	Line loss, free service and unaccounted for	2,364,007	2,811,382	2,935,719	3,077,341
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11 + 18 + 19 + 24 + 25 + 26)	18,749,934	21,504,289	22,648,057	23,881,430
28	Total exports to United States	1,046,014	1,490,714	1,576,721	1,399,307
29	Total exports to other provinces	19,277	6,538	8,678	8,866
30	Total demand for electric energy (27 + 28 + 29)	19,815,225	23,001,541	24,233,456	25,289,603

TABLE 16. Supply and Demand of Electric Energy 1950-61 - Continued
Ontario

1954	1955	1956	1957	1958	1959	1960	1961	No.
thousands of kilowatt-hours								
18,994,868	23,754,155	25,971,079	26,535,041	26,583,550	30,972,971	33,454,943	32,261,822	1
1,678,798	1,376,480	1,507,118	1,423,996	1,429,023	1,413,849	1,493,568	1,475,304	2
20,673,666	25,130,635	27,478,197	27,959,037	28,012,573	32,386,820	34,948,511	33,737,126	3
962,697	426,131	938,168	1,464,648	607,039	347,909	181,862	532,842	4
666,058	712,251	640,577	696,144	633,103	648,776	684,691	683,622	5
1,628,755	1,138,382	1,578,745	2,160,792	1,240,142	996,685	866,553	1,216,464	6
22,302,421	28,269,017	29,056,942	30,119,829	29,252,715	33,383,505	35,815,064	34,953,590	7
113,039	133,494	174,435	285,472	226,510	481,462	287,436	1,362,298	8
4,483,226	4,140,021	4,709,305	5,071,120	6,024,335	5,804,206	6,044,706	6,001,888	9
26,898,686	30,542,532	33,940,682	35,476,421	35,503,560	39,669,173	42,147,206	42,317,776	10
5,722,569	6,360,522	7,045,900	7,594,393	8,189,413	8,780,654	9,318,141	9,887,316	11
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11,133,582	11,994,908	12,844,362	13,422,568	13,310,293	15,012,867	15,579,234 ^f	15,673,250	18
1,196,133	1,242,794	1,634,423	1,907,547	2,299,372	2,300,703	2,286,664	2,041,911	19
12,329,715	13,237,702	14,478,785	15,330,115	15,600,665	17,313,570	17,865,898 ^f	17,715,161	20
1,597,660	1,688,961	1,643,276	1,753,977	1,437,461	1,892,136	2,095,230 ^f	2,288,658	21
1,931,122	2,145,430	2,418,518	2,609,398	2,833,584	3,067,538	3,365,929	3,765,600	22
192,095	200,000	212,535	228,684	244,962	264,160	281,023	301,341	23
3,720,877	4,034,391	4,274,329	4,592,059	4,516,007	5,223,834	5,742,182 ^f	6,355,599	24
3,269,025	3,311,105	3,781,393	3,750,744	3,813,302	4,346,858	4,388,383 ^f	4,328,292	25
-	-	- 51,042	- 36,431	- 79,431	- 52,352	- 157,497 ^f	- 9,632	26
25,042,186	26,943,720	29,529,365	31,230,860	32,048,956	35,612,564	37,157,107	38,276,736	27
1,846,659	3,588,238	4,385,356	4,222,225	3,404,051	3,865,099	4,759,717	3,526,310	28
9,841	10,574	25,961	23,316	50,553	191,510	230,382	514,730	29
26,898,686	30,542,532	33,940,682	35,476,421	35,503,560	39,669,173	42,147,206	42,317,776	30

TABLE 16. Supply and Demand of Electric Energy 1950-61 - Continued
Manitoba

No.		1950	1951	1952	1953
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	2,445,263	2,560,322	2,694,924	2,750,270
2	Industries	1,050	875	1,376	7,537
3	Totals	2,446,313	2,561,197	2,696,300	2,757,807
	Thermal-generation (net):				
4	Utilities	4,120	4,215	4,322	3,669
5	Industries	5,632	6,689	4,632	6,655
6	Totals	9,752	10,904	8,954	10,324
7	Grand total generation (3+6)	2,456,065	2,572,101	2,705,254	2,768,131
8	Imports from United States	528	664	723	804
9	Imports from other provinces	474,458	483,608	501,723	508,517
10	Total supply of electric energy (7+8+9)	2,931,051	3,056,373	3,207,700	3,277,452
	Demand for electric energy:				
11	Residential and farm	689,335	759,478	825,457	828,878
	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)	875,534	92,286	1,006,346	1,005,029
19	Mining consumption	134,297	120,816	149,834	128,345
20	Total industrial consumption (18+19)	1,009,831	1,053,102	1,156,180	1,133,374
	Commercial and other consumption:				
21	At power rates	456,182	406,874	411,033	322,447
22	At commercial rates	185,802	198,226	216,755	230,186
23	Street lighting	26,838	28,005	28,498	29,116
24	Totals (21+22+23)	668,822	633,105	656,286	581,749
25	Line loss, free service and unaccounted for	295,275	317,387	301,361	317,023
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11+18+19+24+25+26)	2,663,263	2,763,072	2,939,284	2,931,022
28	Total exports to United States	1	6	6	6
29	Total exports to other provinces ¹	267,787	293,295	268,410	346,424
29	Total demand for electric energy (27+28+29)	2,931,051	3,056,373	3,207,700	3,277,452

¹ Includes re-exports to Saskatchewan.

TABLE 16. Supply and Demand of Electric Energy 1950-61 — Continued
Manitoba

1954	1955	1956	1957	1958	1959	1960	1961	No.
thousands of kilowatt-hours								
3,004,268	3,099,880	3,330,439	3,331,922	3,080,140	3,540,427	3,614,725	3,536,544	1
22,557	24,928	15,955	18,474	33,026	40,000	45,195	52,698	2
3,026,825	3,124,808	3,346,394	3,350,396	3,113,166	3,580,427	3,659,920	3,589,242	3
6,455	4,056	3,249	9,099	133,878	57,996	75,761	249,614	4
8,361	8,225	15,661	17,894	5,976	4,820	6,230	7,753	5
14,816	12,281	18,910	26,993	139,854	62,816	81,991	257,367	6
3,041,641	3,137,089	3,365,304	3,377,389	3,253,020	3,643,243	3,741,911	3,846,609	7
868	993	817	—	—	—	—	—	8
516,115	524,890	555,617	505,855	540,238	728,451	789,259	1,030,184	9
3,558,624	3,662,972	3,921,738	3,883,244	3,793,258	4,371,694	4,531,170	4,876,793	10
1,003,027	1,079,155	1,172,579	1,247,563	1,337,932	1,388,330	1,454,613	1,611,758	11
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1,036,504	1,066,054	1,138,891	1,016,260	979,199	1,177,449	1,243,263 ^r	1,363,354	18
143,433	168,078	147,384	150,394	125,725	167,849	206,729	226,920	19
1,179,937	1,234,132	1,286,275	1,166,654	1,104,924	1,345,298	1,449,992 ^r	1,590,274	20
394,652	254,720	290,720	125,461	87,385	110,406	65,625 ^r	224,319	21
250,374	264,359	275,652	428,508	456,589	488,694	527,969	566,209	22
29,617	29,888	31,952	33,943	35,876	39,802	43,382	49,323	23
674,643	548,967	598,324	587,912	579,850	638,902	636,976 ^r	839,851	24
346,325	460,793	401,298	387,540	395,804	512,991	573,794 ^r	464,498	25
—	—	— 8,373	— 11,214	— 820	— 1,892	— 94,395 ^r	614	26
3,203,932	3,323,047	3,450,103	3,378,455	3,417,690	3,883,629	4,020,980	4,506,995	27
6	6	8	22	28	36	34	38	28
354,686	339,919	471,627	504,767	375,540	488,029	510,156	369,760	29
3,558,624	3,662,972	3,921,738	3,883,244	3,793,258	4,371,694	4,531,170	4,876,793	30

TABLE 16. Supply and Demand of Electric Energy 1950-61 - Continued
Saskatchewan

No.		1950	1951	1952	1953
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	500,720	516,142	544,447	553,459
2	Industries	946	1,760	1,738	1,170
3	Totals	501,666	517,902	546,185	554,629
	Thermal-generation (net):				
4	Utilities	402,424	462,631	534,862	620,672
5	Industries	2,330	19,526	27,789	40,353
6	Totals	404,754	482,157	562,651	661,025
7	Grand total generation (3 + 6).....	906,420	1,000,059	1,108,836	1,215,654
8	Imports from United States	87	99	104	123
9	Imports from other provinces ¹	267,787	293,295	268,410	346,424
10	Total supply of electric energy (7 + 8 + 9).....	1,174,294	1,293,453	1,377,350	1,562,201
	Demand for electric energy:				
11	Residential and farm	128,221	152,010	184,974	226,507
	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)	207,839	260,945	309,487	381,941
19	Mining consumption	136,833	136,129	88,049	110,835
20	Total industrial consumption (18 + 19)	344,672	397,074	397,536	492,776
	Commercial and other consumption:				
21	At power rates	68,815	76,322	71,439	78,938
22	At commercial rates	76,114	84,000	96,839	106,340
23	Street lighting	9,993	11,058	11,592	13,104
24	Totals (21 + 22 + 23)	154,922	171,380	179,870	198,382
25	Line loss, free service and unaccounted for	72,021	89,381	113,247	136,019
26	Residual error of estimate	-	-	-	-
27	Total provincial demand (11 + 18 + 19 + 24 + 25 + 26)	699,836	809,845	875,627	1,053,684
28	Total exports to United States	-	-	-	-
29	Total exports to other provinces	474,458	483,608	501,723	508,517
30	Total demand for electric energy (27 + 28 + 29)	1,174,294	1,293,453	1,377,350	1,562,201

¹ Includes re-imports.

TABLE 16. Supply and Demand of Electric Energy 1950-61 - Continued
Saskatchewan

1954	1955	1956	1957	1958	1959	1960	1961	No.
thousands of kilowatt-hours								
559,300	569,401	555,466	546,148	548,272	562,072	585,888	620,052	1
4,186	—	15,772	19,872	20,208	25,294	35,941	39,919	2
563,486	569,401	571,238	566,020	568,480	587,366	621,829	659,971	3
732,979	866,566	995,520	1,132,269	1,261,298	1,436,325	1,596,454	1,801,718	4
40,995	38,263	69,504	103,598	126,383	117,389	64,803	83,415	5
773,974	940,142	1,065,024	1,235,867	1,387,681	1,553,714	1,661,257	1,885,133	6
1,337,460	1,509,543	1,636,262	1,801,887	1,956,161	2,141,080	2,283,086	2,545,104	7
182	232	258	316	365	401	414	429	8
354,686	339,919	356,122	354,425	346,397	367,560	417,751	214,804	9
1,692,328	1,849,694	1,992,642	2,156,628	2,302,923	2,508,981	2,701,251	2,760,337	10
282,542	327,369	400,215	470,075	515,158	600,526	651,391	697,207	11
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415,115	437,993	447,746	462,924	463,001	502,914	577,552 ^f	404,708	18
114,160	127,400	211,523	219,398	250,036	273,391	242,710	204,418	19
530,275	565,393	659,269	682,322	713,037	776,305	820,262 ^f	609,126	20
83,781	103,696	88,054	121,051	164,352	89,938	126,487 ^f	261,737	21
126,999	133,891	158,358	166,344	163,257	277,904	290,093	252,081	22
15,187	15,772	19,291	19,725	21,006	20,536	20,469	22,187	23
225,967	253,359	265,703	307,120	348,615	388,378	437,049 ^f	536,005	24
137,429	178,683	114,718	195,400	228,263	195,262	248,658 ^f	323,227	25
—	—	— 2,729	— 2,608	— 6,179	— 4,562	— 33,172 ^f	— 30,157	26
1,176,213	1,324,804	1,437,176	1,652,309	1,798,894	1,955,909	2,124,188	2,135,408	27
—	—	—	—	—	—	—	—	28
516,115	524,890	555,466	504,319	504,029	553,072	577,063	624,929	29
1,692,328	1,849,694	1,992,642	2,156,628	2,302,923	2,508,981	2,701,251	2,760,337	30

TABLE 16. Supply and Demand of Electric Energy 1950-61 - Continued
Alberta

No.		1950	1951	1952	1953
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	340,884	501,027	760,296	796,106
2	Industries	—	—	—	—
3	Totals	340,884	501,027	760,296	796,106
	Thermal-generation (net):				
4	Utilities	528,180	495,918	413,706	543,821
5	Industries	30,009	28,460	30,093	42,509
6	Totals	558,189	524,378	443,799	586,330
7	Grand total generation (3+6)	899,073	1,025,405	1,204,095	1,382,436
8	Imports from the United States	226	299	345	345
9	Imports from other provinces	16,430	10,932	3,521	—
10	Total supply of electric energy (7+8+9)	915,729	1,036,636	1,207,961	1,382,781
	Demand for electric energy:				
11	Residential and farm	164,205	199,287	233,236	282,152
	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)	303,592	334,373	364,851	424,786
19	Mining consumption	73,229	85,545	92,653	91,572
20	Total industrial consumption (18+19)	376,821	419,918	457,504	516,358
	Commercial and other consumption:				
21	At power rates	128,165	141,719	179,992	226,279
22	At commercial rates	120,235	137,446	154,751	167,527
23	Street lighting	13,830	16,107	16,811	17,805
24	Totals (21+22+23)	262,230	295,272	351,554	411,611
25	Line loss, free service and unaccounted for	112,473	118,609	159,306	172,120
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11+18+19+24+25+26)	915,729	1,033,086	1,201,600	1,382,241
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	—	3,550	6,361	540
30	Total demand for electric energy (27+28+29)	915,729	1,036,636	1,207,961	1,382,781

TABLE 16. Supply and Demand of Electric Energy 1950-61 - Continued
Alberta

1954	1955	1956	1957	1958	1959	1960	1961	No.
thousands of kilowatt-hours								
857,150	935,943	979,157	807,253	990,457	842,259	886,595	1,017,731	1
-	-	-	-	-	-	-	-	2
857,150	935,943	979,157	807,253	990,457	842,259	886,595	1,017,731	3
641,335	793,011	1,041,343	1,442,160	1,483,227	1,987,787	2,239,686	2,433,511	4
59,023	80,167	122,973	182,489	254,071	267,420	317,127	319,234	5
700,358	873,178	1,164,316	1,624,649	1,737,298	2,255,207	2,556,813	2,752,745	6
1,557,508	1,809,121	2,143,473	2,431,902	2,727,755	3,097,466	3,443,408	3,770,476	7
-	573	-	573	604	617	633	684	8
15,970	31,803	28,512	24,297	25,520	34,287	33,885	23,570	9
1,573,478	1,841,497	2,171,985	2,456,772	2,753,879	3,132,370	3,477,926	3,794,730	10
355,643	418,970	501,260	564,048	646,048	787,492	867,319	971,567	11
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469,292	542,453	639,347	786,001	870,053	920,010	988,708 ^r	1,052,618	18
82,300	86,718	105,712	109,222	102,944	130,380	171,398	148,645	19
551,592	629,171	745,059	895,223	972,997	1,050,390	1,160,106 ^r	1,201,263	20
259,441	314,442	376,553	436,366	511,040	540,839	613,565 ^r	636,067	21
189,067	215,617	245,244	276,551	299,204	340,339	380,560	523,249	22
18,476	22,992	25,585	29,853	38,393	47,696	53,733	63,170	23
466,984	553,051	647,382	742,770	848,637	928,874	1,047,858 ^r	1,222,486	24
199,259	240,305	255,191	260,902	290,851	350,373	424,389 ^r	435,626	25
-	-	23,093	- 9,310	- 10,940	10,264	- 27,390 ^r	- 37,125	26
1,573,478	1,841,497	2,171,985	2,453,633	2,747,593	3,127,393	3,472,282	3,793,817	27
-	-	-	-	-	-	-	-	28
-	-	-	3,139	6,286	4,977	5,644	913	29
1,573,478	1,841,497	2,171,985	2,456,772	2,753,879	3,132,370	3,477,926	3,794,730	30

TABLE 16. Supply and Demand of Electric Energy 1950-51 - Continued
British Columbia

No.		1950	1951	1952	1953
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	2,389,310	2,592,052	2,835,736	3,252,495
2	Industries	2,087,976	1,943,994	1,937,981	2,092,634
3	Totals	4,477,286	4,536,046	4,773,717	5,345,129
	Thermal-generation (net):				
4	Utilities	106,064	92,750	119,162	87,998
5	Industries	337,148	405,703	489,640	534,182
6	Totals	443,212	498,453	608,802	622,180
7	Grand total generation (3+6)	4,920,498	5,034,499	5,382,519	5,967,309
8	Imports from the United States	1,350	7,677	18,310	4,165
9	Imports from other provinces	—	3,550	6,361	540
10	Total supply of electric energy (7+8+9)	4,921,848	5,045,726	5,407,190	5,972,014
	Demand for electric energy:				
11	Residential and farm	607,427	690,904	788,168	902,341
	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)	2,820,059	2,861,704	2,974,929	3,279,168
19	Mining consumption	315,213	277,412	327,924	328,842
20	Total industrial consumption (18+19)	3,135,272	3,139,116	3,302,853	3,608,010
	Commercial and other consumption:				
21	At power rates	290,382	300,197	320,547	275,662
22	At commercial rates	309,356	337,972	374,645	399,621
23	Street lighting	31,771	32,930	34,421	38,346
24	Totals (21+22+23)	631,509	671,099	729,613	713,629
25	Line loss, free service and unaccounted for	339,258	345,427	372,989	439,267
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11+18+19+24+25+26)	4,713,466	4,846,546	5,193,623	5,663,247
28	Total exports to United States	191,952	188,248	210,046	308,767
29	Total exports to other provinces	16,430	10,932	3,521	—
30	Total demand for electric energy (27+28+29)	4,921,848	5,045,726	5,407,190	5,972,014

TABLE 16. Supply and Demand of Electric Energy 1950-61 - Continued
British Columbia

1954	1955	1956	1957	1958	1959	1960	1961	No.
thousands of kilowatt-hours								
3,354,547	3,797,185	4,074,749	4,118,052	5,308,059	5,781,342	5,985,887	6,302,285	1
2,876,739	3,952,138	5,275,809	5,998,284	5,946,684	5,919,897	6,614,607	5,997,345	2
6,231,286	7,749,323	9,350,558	10,116,336	11,254,743	11,701,239	12,600,494	12,299,630	3
92,073	126,123	147,084	147,422	172,629	195,391	219,158	256,143	4
520,541	540,857	573,086	460,279	455,331	476,587	588,731	648,680	5
612,614	666,980	720,170	607,701	627,960	671,978	807,889	904,823	6
6,843,900	8,416,303	10,070,728	10,724,037	11,882,703	12,373,217	13,408,383	13,204,453	7
4,393	22,233	51,906	541,378	16,159	28,519	53,102	17,006	8
-	-	-	3,139	2,081	1,803	3,024	913	9
6,848,293	8,438,536	10,122,634	11,268,554	11,900,943	12,403,539	13,464,509	13,222,372	10
1,063,647	1,256,002	1,445,059	1,657,619	1,775,996	1,963,660	2,102,048	2,199,441	11
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4,005,886	5,162,816	6,497,356	7,278,259	7,753,154	8,134,543	8,975,544 ^r	8,579,821	18
383,618	398,147	408,014	420,969	342,878	312,097	340,675	370,518	19
4,389,504	5,560,963	6,905,370	7,699,228	8,096,032	8,446,640	9,316,219 ^r	8,950,339	20
325,118	354,597	321,351	208,764	247,973	294,944	- 110,622 ^r	- 195,032	21
443,823	510,228	556,576	798,711	867,938	718,117	1,245,836 ^r	1,293,005	22
41,826	44,592	54,296	57,218	61,353	63,485	71,680	81,348	23
810,767	909,417	932,223	1,064,693	1,177,264	1,076,546	1,206,894 ^r	1,179,321	24
418,327	533,543	767,651	789,310	830,092	841,531	904,696 ^r	958,835	25
-	-	24,148	20,863	- 16,675	25,142	- 117,151 ^r	- 108,640	26
6,682,245	8,259,925	10,074,451	11,231,713	11,862,709	12,353,519	13,412,706	13,179,296	27
150,078	146,808	19,671	12,544	12,714	13,930	17,918	19,506	28
15,970	31,803	28,512	24,297	25,520	34,287	33,885	23,570	29
6,848,293	8,438,536	10,122,634	11,268,554	11,900,943	12,401,736	13,464,509	13,222,372	30

**TABLE 16. Supply and Demand of Electric Energy 1950-61 - Concluded
Yukon and Northwest Territories**

No.		1950	1951	1952	1953
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	26,731	30,762	38,008	52,622
2	Industries	46,544	47,011	51,361	46,563
3	Totals	73,275	77,773	89,369	99,185
	Thermal-generation (net):				
4	Utilities	1,012	1,275	1,310	1,441
5	Industries	10,543	10,327	10,716	10,860
6	Totals	11,555	11,602	12,026	12,301
7	Grand total generation (3 + 6)	84,830	89,375	101,395	111,486
8	Imports from United States	—	—	—	—
9	Imports from other provinces	—	—	—	—
10	Total supply of electric energy (7 + 8 + 9)	84,830	89,375	101,395	111,486
	Demand for electric energy:				
11	Residential and farm	2,515	2,677	3,118	3,554
	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)	572	370	799	1,147
19	Mining consumption	59,164	57,877	82,015	90,806
20	Total industrial consumption (18 + 19)	59,736	58,247	82,814	91,953
	Commercial and other consumption:				
21	At power rates	17,329	21,816	7,994	5,837
22	At commercial rates	1,678	2,147	2,915	3,865
23	Street lighting	150	248	193	200
24	Totals (21 + 22 + 23)	19,157	24,211	11,102	9,902
25	Line loss, free service and unaccounted for	3,422	4,240	4,361	6,077
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11 + 18 + 19 + 24 + 25 + 26)	84,830	89,375	101,395	111,486
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	—	—	—	—
30	Total demand for electric energy (27 + 28 + 29)	84,830	89,375	101,395	111,486

TABLE 16. Supply and Demand of Electric Energy 1950-61 — Concluded
Yukon and Northwest Territories

1954	1955	1956	1957	1958	1959	1960	1961	No.
thousands of kilowatt-hours								
54,958	60,826	62,283	69,162	88,090	105,270	111,734	133,508	1
48,445	54,771	52,388	52,479	53,629	48,855	48,058	48,522	2
103,403	115,597	114,671	121,641	141,719	154,125	159,792	182,030	3
1,892	3,259	1,873	4,247	7,491	11,692	17,984	26,266	4
10,887	12,482	12,937	31,101	18,827	19,009	11,343	9,808	5
12,779	15,741	14,810	35,348	26,318	30,701	29,327	36,074	6
116,182	131,338	129,481	156,989	168,037	184,826	189,119	218,104	7
—	—	—	—	—	—	—	—	8
—	—	—	—	—	—	—	—	9
116,182	131,338	129,481	156,989	168,037	184,826	189,119	218,104	10
7,695	9,339	8,646	7,268	8,536	10,201	13,270	15,774	11
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								17
1,441	1,410	1,421	1,789	1,986	2,479	2,215 ^r	1,911	18
95,740	108,113	104,002	116,005	127,086	110,879	110,552	118,538	19
97,181	109,523	105,423	117,794	129,072	113,358	112,767 ^r	120,449	20
6,353	6,836	2,399	1,296	8,456	38,369	36,001 ^r	49,820	21
1,938	2,301	2,682	8,138	5,817	14,082	14,139	10,094	22
224	212	229	192	214	198	262	222	23
8,515	9,349	5,310	9,626	14,487	52,649	50,402 ^r	60,136	24
2,791	3,127	9,031	2,448	12,392	11,589	12,615 ^r	24,214	25
—	—	1,071	19,853	3,550	— 2,971	65 ^r	— 2,469	26
116,182	131,338	129,481	156,989	168,037	184,826	189,119	218,104	27
—	—	—	—	—	—	—	—	28
—	—	—	—	—	—	—	—	29
116,182	131,338	129,481	156,989	168,037	184,826	189,119	218,104	30

STATE OF TEXAS
COUNTY OF []

No.	Name	Age	Sex	Color	Profession	Marital Status	Religion	Education	Value
1	John Doe	35	M	W	Farmer	Married	Methodist	High School	\$10,000
2	Jane Smith	28	F	W	Teacher	Single	Baptist	College	\$5,000
3	Robert Johnson	42	M	W	Merchant	Married	Catholic	College	\$20,000
4	Mary White	55	F	W	Homemaker	Married	Presbyterian	High School	\$8,000
5	William Brown	60	M	W	Retired	Married	Anglican	College	\$15,000
6	Elizabeth Green	30	F	W	Nurse	Single	Methodist	College	\$6,000
7	James Black	45	M	W	Engineer	Married	Baptist	College	\$18,000
8	Sarah Gray	25	F	W	Student	Single	Catholic	College	\$3,000
9	Thomas King	50	M	W	Doctor	Married	Methodist	College	\$25,000
10	Anna Lee	40	F	W	Business	Married	Baptist	High School	\$12,000



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