

CATALOGUE No.

57-202

ANNUAL



ELECTRIC POWER STATISTICS

1961

STATISTICS CANADA / STATISTIQUE CANADA
NOV 6 1978
LIBRARY / BIBLIOTHÈQUE

DOMINION BUREAU OF STATISTICS

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

ELECTRIC POWER STATISTICS

1961

Published by Authority of
The Minister of Trade and Commerce

February 1964
8506-510

Price: 75 cents

Reports Published by the
Public Finance and Transportation Division
dealing with

ELECTRIC POWER

Catalogue number	Title	Price
Annual		
57-201	Electric and Gas Meter Registrations. Approx. 242 pp. Meter registrations by province, county or census division, company and place served, by type of service.....	\$2.50
57-202	Electric Power Statistics. Approx. 43 pp. Summary and detailed analyses of generation and use of electric power in Canada, power plant equipment, customers, employees, salaries and wages and financial statistics .....	.75
57-203	Electricity Bills for Domestic, Commercial and Small Power Service. Approx. 15 pp. Includes an annual index of electricity bills for domestic service and bills for light and power in cities and representative municipalities .....	.50
57-204	Electric Power Survey of Capability and Load. Approx. 45 pp. Current and projected data of capability and load of major producers of electric energy in Canada.....	.75
Monthly		
57-001	Electric Power Statistics. Approx. 4 pp. Production by utilities and industrial establishments, imports and exports, power made available for use in Canada, amount used in electric boilers, by provinces..... per copy, 10¢; per year	1.00
Occasional		
57-502	Inventory of Prime Mover and Electric Generating Equipment. Approx. 120 pp. A list of generating plants in Canada by ownership, showing the location, year of installation, name-plate rating and other details of each unit, as at December 31, 1961	1.50

Subscription orders should be sent to the Publications Distribution Unit, Financial Control Section, Dominion Bureau of Statistics, Ottawa, Canada, with enclosed remittances made payable to the Receiver General of Canada.

TABLE OF CONTENTS

Introduction	Page 5
--------------------	-----------

Electric Utilities and Industrial Establishments

Table

1. Installed Generating Capacity at End of Year, 1961	8
2. Generation of Energy, 1961	10
3. Energy Made Available, 1961	12
4. Disposal of Energy, 1961	12
5. Customers at End of Year, 1961	16
6. Revenue from Sale of Electricity, 1961	18
7. Domestic and Farm Service, 1939-61	22

Electric Utilities

8. Pole Line Mileage at End of Year, 1961	24
9. Circuit Mileage of Electric Line at End of Year, 1961	24
10. Fuel Used to Generate Electricity, 1961	26
11. Employees, Wages and Salaries, 1961	30
12. Assets and Liabilities at End of Year, 1961	32
13. Income Account, 1961	38
14. Taxes, 1961	40
15. Capital and Repair Expenditures, 1959-61	40

Historic Statistics

16. Supply and Demand of Electric Energy, 1949-60	42
---	----

SYMBOLS

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

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

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

In 1956, because of the difficulty of separating line losses of industrial producers into losses relating to sales and losses relating to energy produced for own use, total industrial losses were presented under "Disposal of Energy" in Table 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 1961 amounted to 24,091,368 kilowatts, 4.5 per cent more than the revised total of 23,048,677 kilowatts in 1960. Utilities accounted for 19,492,142 kilowatts compared with 18,432,424 kilowatts in 1960, while industry had a capacity of 4,599,226 kilowatts and 4,616,253 kilowatts in 1961 and 1960 respectively. Hydraulic installations accounted for

78.9 per cent of the total and thermal plants, 21.1 per cent, as compared to 80.9 and 19.1 respectively, in 1960. New thermal installations in 1961 exceeded new hydraulic installations for the first time in history.

Quebec had the largest generating capacity at 9,138,934 kilowatts or 37.9 per cent of the national total, followed by Ontario with 32 per cent and British Columbia with 13 per cent. The largest increase in generating capacity was in Ontario, where the increase amounted to 638,486 kilowatts. Quebec increased its capacity by 218,587 kilowatts, Manitoba by 45,342, New Brunswick by 39,963, British Columbia by 36,894 and Saskatchewan by 23,996 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 40 per cent, Saskatchewan and Alberta with 13 per cent each, British Columbia with 9 per cent and Nova Scotia with 7 per cent.

In Ontario, one unit of 200,000 kilowatts and one unit of 300,000 kilowatts were added to the Richard L. Hearn and Lakeview thermal plants respectively. A 47,500 kilowatt unit was installed in the Courtenay Bay plant in New Brunswick.

The largest increase in hydraulic capacity was in Quebec where the third stage of the Beauharnois development was completed with the addition of two 55,250 kilowatt units in 1961. Two 43,700 kilowatt units were installed in the Otter Rapids plant in Ontario.

Net generation (total generation less energy used in generating station service) decreased 0.6 per cent in 1961 to 113,713,318 thousand kilowatt-hours from 114,457,194^f thousand kilowatt-hours one year earlier. Generation by electric utilities increased 0.3 per cent to 89,388,635 thousand kilowatt-hours from 89,156,401^f thousand but accounted for 78.6 per cent of total production compared with 77.9 per cent in 1960. Generation by industry went down to 24,324,683 thousand kilowatt-hours from 25,300,793 thousand a year earlier. This decline reflects the mild recession experienced in 1961 and the three month shut-down of the Kitimat plant in British Columbia. Consumption in electric boilers decreased 18.4 per cent from 7,357,708 thousand kilowatt-hours in 1960 to 6,002,738 thousand kilowatt-hours in 1961. The industry's share of net generation decreased to 21.4 per cent in 1961 from 22.1 per cent in 1960. Generation from hydraulic facilities amounted to 91.4 per cent while thermal was 8.6 per cent. Although Quebec had 37.9 per cent of the total generating capacity in Canada, it accounted for 44 per cent of the total generation, followed by Ontario with 31 per cent and British Columbia with 12 per cent.

Electric Energy consumption increased 1.5 per cent, although total generation decreased 0.6 per cent. As a result, imports were increased to 1,394,014 thousand kilowatt-hours from 356,878 thousand and exports decreased 24.3 per cent to 4,157,531 thousand kilowatt-hours from 5,495,572^f thousand.

Of the total reported available for use in Canada in 1961, some 22,392,037,000 kilowatt-hours, including 678,274,000 estimated as losses, represented generation by industrial establishments for own use. This compares with 22,861,155,000 kilowatt-hours in 1960 and reflects a decrease of 469,118,000 kilowatt-hours or 2.1 per cent.

Total sales of electricity to ultimate customers increased 3.9 per cent in 1961 to 79,874,233 kilowatt-hours from the 1960 total of 76,862,953^f. Power customers purchased 48,500,464,000 kilowatt-hours or 60.7 per cent of the total (62.9^f per cent in 1960); domestic and farm customers, 21,979,672,000 or 27.7 per cent (26.5^f in 1960); and commercial customers, 8,667,284,000 or 10.8 per cent (9.8^f). Street lighting accounted for the remaining 726,813,000 kilowatt-hours of electricity sold. In addition, some 8,697,643,000 kilowatt-hours of energy available for disposal were reported lost and unaccounted for. This compares with 9,594,392,000^f kilowatt-hours in 1960.

A 3.5 per cent rise in ultimate customers brought the total to 5,375,445 from 5,188,252 in 1960. Domestic and farm customers increased 3.8 per cent to 4,716,819 from 4,542,780, while the number of commercial customers showed a moderate rise to 548,112 from 534,691^f. Power customers dropped 1.0 per cent in 1961 to 104,332 from 105,398^f.

Revenue received from sales to ultimate customers totalled \$858,878,000, up 6.5 per cent from the 1960 total of \$806,697,000^f. Domestic and farm customers produced revenues of \$346,807,000 versus \$326,543,000^f; commercial customers, \$166,666,000 versus \$147,318,000^f; power customers, \$327,461,000 versus \$316,650,000^f and street lighting customers, \$17,944,000 versus \$16,186,000^f. Revenue obtained from export sales amounted to \$9,552,000 compared with \$14,351,000 in 1960.

There was little change in the average domestic and farm service revenue per kilowatt-hour, which was 1.58 cents.

The average annual bill for domestic and farm customers rose 2.3 per cent in 1961 to \$73.53 from \$71.88^f in 1960. The increase was due to a rise in average consumption of 3.8 per cent to 4,660 kilowatt-hours from 4,490^f. Averages varied widely from province to province, the low of 1,934 kilowatt-hours being recorded in Prince Edward Island and the high of 6,535 kilowatt-hours being registered in Manitoba. While many utilities do not distinguish between farm and domestic customers in their records, those that have reported farm service separately show an

average rise of 7.1 per cent to 4,654 kilowatt-hours from 4,345 in consumption and an increase in the average annual bill to \$99.52 from \$96.52^f. The average cost of farm service dropped from 2.22 to 2.14 cents per kilowatt-hour.

Electric utilities reported an expenditure of \$24,673,199 on fuel for thermal electric plants in 1961, an increase of 13.8 per cent from the \$21,679,446^f reported one year earlier. The amount spent on oil increased 8.2 per cent to \$6,924,415 from \$6,397,083^f and on natural gas 22.4 per cent to \$6,323,906 from \$5,168,443^f. At the same time, expenditure for coal rose 12.9 per cent to \$11,424,878 from \$10,113,920^f.

Coal accounted for 41.6 per cent to total thermal generation in 1961 against 39.1^f per cent in 1960, while natural gas was responsible for 43.5 per cent compared with 45.3 per cent, one year earlier. Production based on petroleum fuels increased 11.2 per cent over the 1960 figure.

Wages and salaries paid by the electric utility industry amounted to \$198,416,000 in 1961, a rise of 4.3 per cent over the \$190,204,000^f reported in 1960. Publicly-operated utilities reported wages and salaries totalling \$146,828,000 in 1961, up 4.3 per cent from the \$140,758,000^f in 1960, while privately-operated utilities paid \$51,588,000 as against \$49,446,000^f. Employees, excluding construction workers, showed a decline in number to 39,389 from 41,034^f in 1960. A total of 28,884 were employed by publicly-operated utilities versus 30,534^f in 1960, and 10,505 by privately-operated utilities versus 10,500 one year earlier.

Total assets of the electric utility industry stood at \$7,599,953,000 at the end of 1961 compared with \$7,282,285,000^f one year earlier, a rise of \$317,668,000 or 4.4 per cent. Total electric utility fixed assets after depreciation amounted to \$6,456,858,000 as against \$6,180,891,000^f in 1960, an increase of \$275,967,000. This increase in fixed assets was financed by an increase of \$360,748,000 in long term debt.

Operating revenues of electric utilities were 5.8 per cent higher in 1961, rising to \$1,149,547,000 from the 1960 total of \$1,086,983,000^f. Operating expenses rose 7.4 per cent to \$744,649,000 from \$693,227,000^f and operating income increased 2.8 per cent to a new high of \$404,898,000. Net income in 1961, therefore, rose 15.6 per cent to \$118,210,000 from \$102,219,000^f.

Federal, provincial and municipal taxes paid by electric utilities in 1961 amounted to \$75,487,000, a decrease of 1.6 per cent from the \$76,676,000^f paid in 1960. Federal taxes decreased to \$39,943,000 from \$44,060,000^f in 1960, provincial taxes, however, increased to \$15,294,000 from \$13,999,000 and municipal taxes increased to \$20,250,000 in 1961 from \$18,617,000^f in 1960.

Utilities' expenditures on capital and repair projects for generating, transmission and distribution facilities (Table 15) showed an increase of 60 million dollars to 382 million in 1961 from 322 million in 1960 as compared to 365 million in 1959.

Table 16 gives an historical summary of supply and demand for the years 1949-60. The 1960 publication contained an all-Canada supply and demand tabulation. This year the tabulation has been revised and expanded to include supply and demand figures for each province.

The industrial consumption of electric energy is based, in part, on data collected by the Industry and Merchandising Division of the Dominion Bureau of Statistics. Since Industry and Merchandising 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 Industry and Merchandising reports but as produced for own use in the Electric Power Statistics reports.

In order to bring the different concepts to a common basis, the "generated for own use" and "purchased" figures are adjusted from the figures published by the Industry and Merchandising Division and are in conformity with the figures used in Electric Power Statistics.

Consumption of electric energy in each province by the various manufacturing groups is of a confidential nature. As a result, only the total manufacturing consumption has been shown in the provincial tabulations in Table 16.

In the eleven years, 1949-60, total generation has increased at an annual compound rate of 7.6 per cent. The largest increase is 13.8 per cent in Alberta followed by British Columbia, Nova Scotia and Prince Edward Island with increases of 12.0 per cent.

Net hydro generation increased at an annual compound rate of 7.0 per cent between 1949 and 1960 while net thermal generation was increasing at a 10.4 per cent rate. The latter increase was due mainly to the large thermal installations in Ontario.

Increased residential and farm usage of electric energy resulted in a 12.3 per cent compound growth rate. Of the individual manufacturing industries, mining and smelting showed the largest growth rate (7.2 per cent) compared with a total industrial consumption increase of 6.5 per cent.

Commercial and other consumption rose from 5,426,113 thousand kilowatt-hours, in 1949 to 12,385,046 thousand kilowatt-hours in 1960, an increase of 7.8 per cent. Included in the commercial category "consumption at power rates" are such establishments as large stores, hotels, street railways, radio stations etc.

TABLE 1. Installed Generating Capacity at End of Year, 1961

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
		nameplate rating in kilowatts			
	Electric utilities and industrial establishments:				
	Hydro:				
1	Water-wheels and turbines	19,018,807	259,210	155	142,930
	Thermal:				
2	Steam engines and turbines	4,310,475	45,000	32,500	367,028
3	Internal combustion engines	378,509	18,027	4,741	10,290
4	Gas turbines	383,577	—	—	—
5	Total thermal	5,072,561	63,027	37,241	377,318
6	Total installed generating capacity	24,091,368	322,237	37,396	520,248
7	Per cent of total for Canada	100.00	1.34	0.16	2.16
	Electric utilities:				
	Publicly and privately-operated:				
	Hydro:				
8	Water-wheels and turbines	15,180,154	194,330	155	137,580
	Thermal:				
9	Steam engines and turbines	3,627,925	35,000	32,500	326,250
10	Internal combustion engines	308,923	13,577	4,741	9,890
11	Gas turbines	375,140	—	—	—
12	Total thermal	4,311,988	48,577	37,241	336,140
13	Total installed generating capacity	19,492,142	242,907	37,396	473,720
14	Per cent of total for Canada	100.00	1.25	0.19	2.43
	Publicly-operated:				
	Hydro:				
15	Water-wheels and turbines	9,976,758	—	—	97,768
	Thermal:				
16	Steam engines and turbines	3,096,175	—	—	60,000
17	Internal combustion engines	243,490	7,890	4,641	7,970
18	Gas turbines	248,640	—	—	—
19	Total thermal	3,588,305	7,890	4,641	67,970
20	Total installed generating capacity	13,565,063	7,890	4,641	165,738
21	Per cent of total for Canada	100.00	0.06	0.03	1.22
	Privately-operated:				
	Hydro:				
22	Water-wheels and turbines	5,203,396	194,330	155	39,812
	Thermal:				
23	Steam engines and turbines	531,750	35,000	32,500	266,250
24	Internal combustion engines	65,433	5,687	100	1,920
25	Gas turbines	126,500	—	—	—
26	Total thermal	723,683	40,687	32,600	268,170
27	Total installed generating capacity	5,927,079	235,017	32,755	307,982
28	Per cent of total for Canada	100.00	3.96	0.55	5.20
	Industrial establishments:				
	Hydro:				
29	Water-wheels and turbines	3,838,653	64,880	—	5,350
	Thermal:				
30	Steam engines and turbines	682,550	10,000	—	40,778
31	Internal combustion engines	69,586	4,450	—	400
32	Gas turbines	8,437	—	—	—
33	Total thermal	760,573	14,450	—	41,178
34	Total installed generating capacity	4,599,226	79,330	—	46,528
35	Per cent of total for Canada	100.00	1.73	—	1.01

TABLE 1. Installed Generating Capacity at End of Year, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
nameplate rating in kilowatts								
188,695	8,968,029	5,716,090	746,750	119,040	290,790	2,541,718	45,400	1
244,199	72,728	2,002,720	321,600	579,450	499,550	145,100	600	2
8,806	62,177	41,951	19,609	43,397	32,052	118,153	19,306	3
—	36,000	—	—	43,400	109,137	195,040	—	4
253,005	170,905	2,044,671	341,209	666,247	640,739	458,293	19,906	5
441,700	9,138,934	7,760,761	1,087,959	785,287	931,529	3,000,011	65,306	6
1.83	37.93	32.21	4.52	3.26	3.87	12.45	0.27	7
175,575	6,650,419	5,471,930	736,400	106,740	290,790	1,384,245	31,990	8
139,750	—	1,764,000	314,000	571,450	444,375	—	600	9
8,806	49,777	32,836	12,622	32,235	26,317	104,376	13,746	10
—	36,000	—	—	43,400	100,700	195,040	—	11
148,556	85,777	1,796,836	326,622	647,085	571,392	299,416	14,346	12
324,131	6,736,196	7,268,766	1,063,022	753,825	862,182	1,683,661	46,336	13
1.86	34.56	37.29	5.45	3.87	4.42	8.64	0.24	14
165,535	3,473,190	5,156,006	736,400	—	—	317,519	30,340	15
139,750	—	1,764,000	314,000	571,450	246,375	—	600	16
7,806	36,540	27,261	12,622	31,585	2,206	95,068	4,901	17
—	36,000	—	—	43,400	82,200	87,040	—	18
147,556	72,540	1,791,261	326,622	646,435	330,781	182,108	10,501	19
313,091	3,545,730	6,947,267	1,063,022	646,435	330,781	499,627	40,841	20
2.31	26.14	51.21	7.84	4.77	2.44	3.68	0.30	21
10,040	3,177,229	315,924	—	106,740	290,790	1,066,726	1,650	22
—	—	—	—	—	198,000	—	—	23
1,000	13,237	5,575	—	650	24,111	9,308	3,845	24
—	—	—	—	—	18,500	108,000	—	25
1,000	13,237	5,575	—	650	240,611	117,308	3,845	26
11,040	3,190,466	321,499	—	107,390	531,401	1,184,034	5,495	27
0.19	53.83	5.42	—	1.81	8.97	19.98	0.09	28
13,120	2,317,610	244,160	10,350	12,300	—	1,157,473	13,410	29
104,449	72,728	238,720	7,600	8,000	55,175	145,100	—	30
—	12,400	9,115	6,987	11,162	5,735	13,777	5,560	31
—	—	—	—	—	8,437	—	—	32
104,449	85,128	247,835	14,587	19,162	69,347	158,877	5,560	33
117,569	2,402,738	491,995	24,937	31,462	69,347	1,316,350	18,970	34
2.56	52.24	10.70	0.54	0.68	1.51	28.62	0.41	35

TABLE 2. Generation of Energy, 1961

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	103,919,241	1,320,552	407	544,010
	Thermal:				
2	Steam engines and turbines	8,996,767	126,367	80,873	1,317,052
3	Internal combustion engines	532,908	10,641	7,277	71
4	Gas turbines	264,402	—	—	—
5	Total thermal	9,794,077	137,008	88,150	1,317,123
6	Total energy generated	113,713,318	1,457,560	88,557	1,861,133
7	Per cent of total for Canada	100.00	1.28	0.08	1.64
	Electric utilities:				
	Publicly and privately-operated:				
	Hydro:				
8	Water-wheels and turbines	82,325,864	935,851	407	512,225
	Thermal:				
9	Steam engines and turbines	6,392,626	76,871	80,873	1,183,527
10	Internal combustion engines	446,443	9,880	7,277	71
11	Gas turbines	223,702	—	—	—
12	Total thermal	7,062,771	86,751	88,150	1,183,598
13	Total energy generated	89,388,635	1,022,602	88,557	1,695,823
14	Per cent of total for Canada	100.00	1.14	0.10	1.90
	Publicly-operated:				
	Hydro:				
15	Water-wheels and turbines	55,170,410	—	—	337,442
	Thermal:				
16	Steam engines and turbines	4,048,735	—	—	251,674
17	Internal combustion engines	359,631	175	7,269	21
18	Gas turbines	161,101	—	—	—
19	Total thermal	4,569,467	175	7,269	251,695
20	Total energy generated	59,739,877	175	7,269	589,137
21	Per cent of total for Canada	100.00	—	0.01	0.99
	Privately-operated:				
	Hydro:				
22	Water-wheels and turbines	27,155,454	435,851	407	174,783
	Thermal:				
23	Steam engines and turbines	2,343,891	76,871	80,873	931,853
24	Internal combustion engines	86,812	9,705	8	50
25	Gas turbines	62,601	—	—	—
26	Total thermal	2,493,304	86,576	80,881	931,903
27	Total energy generated	29,648,758	1,022,427	81,288	1,106,686
28	Per cent of total for Canada	100.00	3.43	0.28	3.73
	Industrial establishments:				
	Hydro:				
29	Water-wheels and turbines	21,593,377	384,701	—	31,785
	Thermal:				
30	Steam engines and turbines	2,604,141	49,496	—	133,525
31	Internal combustion engines	86,465	761	—	—
32	Gas turbines	40,700	—	—	—
33	Total thermal	2,731,306	50,257	—	133,525
34	Total energy generated	24,324,683	434,958	—	165,310
35	Per cent of total for Canada	100.00	1.79	—	0.68

¹ Kilowatt-hours generated after deducting station service.

TABLE 2. Generation of Energy, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	
thousands of kilowatt-hours ¹								
1,020,737	49,547,805	33,737,126	3,589,242	659,971	1,017,731	12,299,630	182,030	1
873,613	281,606	1,184,441	244,845	1,715,773	2,536,174	628,562	7,461	2
17,787	16,132	32,023	12,522	80,231	54,680	272,931	28,613	3
—	10,052	—	—	89,129	161,891	3,330	—	4
891,400	307,790	1,216,464	257,367	1,885,133	2,752,745	904,823	36,074	5
1,912,137	49,855,595	34,953,590	3,846,609	2,545,104	3,770,476	13,204,453	218,104	6
1.68	43.84	30.74	3.38	2.24	3.32	11.61	0.19	7
959,464	36,045,975	32,261,822	3,536,544	620,052	1,017,731	6,302,285	133,508	8
362,001	—	513,536	238,839	1,651,843	2,276,977	6,436	1,723	9
17,787	14,338	19,306	10,775	60,746	35,343	246,377	24,543	10
—	10,052	—	—	89,129	121,191	3,330	—	11
379,788	24,390	532,842	249,614	1,801,718	2,433,511	256,143	26,266	12
1,339,252	36,070,365	32,794,664	3,786,158	2,421,770	3,451,242	6,558,428	159,774	13
1.50	40.35	36.69	4.23	2.71	3.86	7.34	0.18	14
895,667	17,882,382	30,802,004	3,536,544	—	—	1,590,076	126,295	15
362,001	—	513,536	238,839	1,651,843	1,029,119	—	1,723	16
17,787	4,016	5,240	10,775	60,559	—	235,108	18,681	17
—	10,052	—	—	89,129	61,920	—	—	18
379,788	14,068	518,776	249,614	1,801,531	1,091,039	235,108	20,404	19
1,275,455	17,896,450	31,320,780	3,786,158	1,801,531	1,091,039	1,825,184	146,699	20
2.13	29.96	52.43	6.34	3.02	1.83	3.05	0.24	21
63,797	18,163,593	1,459,818	—	620,052	1,017,731	4,712,209	7,213	22
—	—	—	—	—	1,247,858	6,436	—	23
—	10,322	14,066	—	187	35,343	11,269	5,862	24
—	—	—	—	—	59,271	3,330	—	25
—	10,322	14,066	—	187	1,342,472	21,035	5,862	26
63,797	18,173,915	1,473,884	—	620,239	2,360,203	4,733,244	13,075	27
0.22	61.30	4.97	—	2.09	7.96	15.97	0.05	28
61,273	13,501,830	1,475,304	52,698	39,919	—	5,997,345	48,522	29
511,612	281,606	670,905	6,006	63,930	259,197	622,126	5,738	30
—	1,794	12,717	1,747	19,485	19,337	26,544	4,070	31
—	—	—	—	—	40,700	—	—	32
511,612	283,400	683,622	7,753	83,415	319,234	648,680	9,808	33
572,885	13,785,230	2,158,926	60,451	123,334	319,234	6,646,025	58,330	34
2.35	56.67	8.88	0.25	0.51	1.31	27.32	0.24	35

TABLE 3. Energy Made Available, 1961

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
	Electric utilities and industrial establishments:	thousands of kilowatt-hours ¹			
1	Total generated (Table 2)¹	113, 713, 318	1, 457, 560	88, 557	1, 861, 133
2	Per cent of total for Canada	100.00	1.28	0.08	1.64
	Energy imported:				
3	From other provinces .....	...	—	—	15, 214
4	From United States	1, 394, 014	—	—	—
5	Total imported	1, 394, 014	—	—	15, 214
	Energy exported:				
6	To other provinces .....	...	75, 224	—	99, 655
7	To United States	4, 157, 531	—	—	—
8	Total exported	4, 157, 531	75, 224	—	99, 655
9	Total made available in Canada	110, 949, 801	1, 382, 336	88, 557	1, 776, 692
10	Per cent of total for Canada	100.00	1.24	0.08	1.60
	Generated for use in own plant:				
11	Excluding consumption in electric boilers	19, 960, 641	350, 403	—	135, 947
12	Consumption in electric boilers	1, 753, 122	1, 555	—	—
13	Losses	678, 274	5, 500	—	—
14	Total generated for own use	22, 392, 037	357, 458	—	135, 947
15	Total available for disposal in Canada	88, 557, 764	1, 024, 878	88, 557	1, 640, 745
16	Per cent of total for Canada	100.00	1.16	0.10	1.85

¹ Kilowatt-hours after deducting station service.

TABLE 4. Disposal of Energy, 1961

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
	Electric utilities and industrial establishments:	thousands of kilowatt-hours			
	To ultimate customers in Canada:				
1	Domestic and farm ¹	21, 979, 672	179, 761	42, 314	512, 244
2	Commercial	8, 667, 284	57, 960	24, 746	156, 025
3	Power—Excluding deliveries to electric boilers	44, 250, 848	688, 093	7, 529	737, 385
4	Deliveries to electric boilers	4, 249, 616	4, 085	—	—
5	Street lighting	726, 813	5, 351	1, 037	17, 256
6	Total sold to ultimate customers	79, 874, 233	935, 250	75, 626	1, 422, 910
7	Losses and unaccounted for	8, 697, 643	89, 628	12, 931	217, 835
8	Total disposed of in Canada	88, 571, 876	1, 024, 878	88, 557	1, 640, 745
9	Per cent of total for Canada	100.00	1.16	0.10	1.85
	Exported:				
10	To other provinces—Primary .....	...	75, 224	—	99, 655
11	Secondary .....	...	—	—	—
12	To United States—Primary	1, 192, 343	—	—	—
13	Secondary	2, 964, 924	—	—	—
14	Total exported	4, 157, 267	75, 224	—	99, 655
	Electric utilities:				
	Publicly and privately-operated:				
	To ultimate customers in Canada:				
15	Domestic and farm ¹	21, 923, 353	179, 012	42, 314	512, 244
16	Commercial	8, 635, 465	57, 531	24, 746	156, 025
17	Power—Excluding deliveries to electric boilers	44, 069, 677	687, 614	7, 529	733, 071
18	Deliveries to electric boilers	4, 248, 976	4, 085	—	—
19	Street lighting	723, 952	5, 336	1, 037	17, 256
20	Total sold to ultimate customers	79, 601, 423	933, 578	75, 626	1, 418, 596
21	Losses and unaccounted for	8, 664, 468	89, 628	12, 931	217, 835
22	Total disposed of in Canada	88, 265, 891	1, 023, 206	88, 557	1, 636, 431
23	Per cent of total for Canada	100.00	1.16	0.10	1.85
	Exported:				
24	To other provinces—Primary .....	...	—	—	99, 655
25	Secondary .....	...	—	—	—
26	To United States—Primary	1, 077, 105	—	—	—
27	Secondary	2, 964, 924	—	—	—
28	Total exported	4, 042, 029	—	—	99, 655

See footnote at end of table.

TABLE 3. Energy Made Available, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours ¹								
1,912,137	49,855,595	34,953,590	3,846,609	2,545,104	3,770,476	13,204,453	218,104	1
1.68	43.84	30.74	3.38	2.24	3.32	11.61	0.19	2
118,932	184,699	6,001,888	1,060,917	4,163	23,570	—	—	3
13,512	85	1,362,298	—	429	684	17,006	—	4
132,444	184,784	7,364,186	1,060,917	4,592	24,254	17,006	—	5
15,214	5,866,209	514,730	159,119	655,662	—	23,570	—	6
204,863	406,814	3,526,310	38	—	—	19,506	—	7
220,077	6,273,023	4,041,040	159,157	655,662	—	43,076	—	8
1,824,504	43,767,356	38,276,736	4,748,369	1,894,034	3,794,730	13,178,383	218,104	9
1.64	39.45	34.50	4.28	1.71	3.42	11.88	0.20	10
460,421	10,810,526	1,711,757	86,471	88,211	316,917	5,961,219	38,769	11
919	1,294,836	203,307	600	—	—	241,719	10,186	12
4,700	394,153	57,421	1,220	1,890	33	211,357	2,000	13
466,040	12,499,515	1,972,485	88,291	90,101	316,950	6,414,295	50,955	14
1,358,464	31,267,841	36,304,251	4,660,078	1,803,933	3,477,780	6,764,088	167,149	15
1.53	35.31	40.99	5.26	2.04	3.93	7.64	0.19	16

TABLE 4. Disposal of Energy, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours								
362,040	5,500,250	9,887,316	1,611,758	697,207	971,567	2,199,441	15,774	1
122,416	2,009,603	3,765,600	566,209	252,081	523,249	1,179,301	10,094	2
748,847	17,711,796	17,666,853	1,912,884	541,337	1,484,872	2,661,586	89,666	3
—	3,733,361	420,148	56,626	—	—	—	35,396	4
18,586	166,992	301,341	49,323	22,187	63,170	81,348	222	5
1,251,889	29,122,002	32,041,258	4,196,800	1,512,812	3,042,858	6,121,676	151,152	6
106,575	2,145,839	4,262,993	463,278	291,121	434,922	656,524	15,997	7
1,358,464	31,267,841	36,304,251	4,660,078	1,803,933	3,477,780	6,778,200	167,149	8
1.53	35.31	40.99	5.26	2.04	3.93	7.64	0.19	9
15,214	4,016,559	19,997	159,119	655,662	—	23,306	—	10
—	1,849,650	494,733	—	—	—	264	—	11
182,642	345,322	645,099	38	—	—	19,242	—	12
22,221	61,492	2,881,211	—	—	—	—	—	13
220,077	6,273,023	4,041,040	159,157	655,662	—	42,812	—	14
362,040	5,487,301	9,873,841	1,608,112	696,682	971,073	2,175,191	15,543	15
112,648	2,005,073	3,762,066	564,733	251,590	521,357	1,169,602	10,094	16
748,847	17,696,109	17,611,948	1,912,819	541,337	1,484,872	2,562,392	83,139	17
—	3,732,721	420,148	56,626	—	—	—	35,396	18
18,586	166,274	300,663	49,244	22,187	63,159	79,988	222	19
1,242,121	29,087,478	31,968,666	4,191,534	1,511,796	3,040,461	5,987,173	144,394	20
106,575	2,142,386	4,259,153	463,119	291,121	434,922	631,928	14,870	21
1,348,696	31,229,864	36,227,819	4,654,653	1,802,917	3,475,383	6,619,101	159,264	22
1.53	35.39	41.05	5.27	2.04	3.94	7.49	0.18	23
15,214	4,016,559	19,997	159,119	624,929	—	23,306	—	24
—	1,849,650	494,733	—	—	—	264	—	25
106,142	345,322	606,361	38	—	—	19,242	—	26
22,221	61,492	2,881,211	—	—	—	—	—	27
143,577	6,273,023	4,002,302	159,157	624,929	—	42,812	—	28

TABLE 4. Disposal of Energy, 1961 - Concluded

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
			thousands of kilowatt-hours		
	Electric utilities - Concluded:				
	Publicly-operated:				
	To ultimate customers in Canada:				
1	Domestic and farm ¹	16,027,906	129	4,260	155,843
2	Commercial	6,424,819	-	5,420	59,961
3	Power - Excluding deliveries to electric boilers ..	26,643,715	-	-	277,785
4	Deliveries to electric boilers	652,152	-	-	-
5	Street lighting	549,227	-	427	5,633
6	Total sold to ultimate customers	50,297,819	129	10,107	499,222
7	Losses and unaccounted for	6,379,206	28	974	85,082
8	Total disposed of in Canada	56,677,025	157	11,081	584,304
9	Per cent of total for Canada	100.00	0.00	0.02	1.03
	Exported:				
10	To other provinces - Primary .....	...	-	-	40,314
11	Secondary .....	...	-	-	-
12	To United States - Primary	691,963	-	-	-
13	Secondary	2,789,382	-	-	-
14	Total exported	3,481,345	-	-	40,314
	Privately-operated:				
	To ultimate customers in Canada:				
15	Domestic and farm ¹	5,895,447	178,883	38,054	356,401
16	Commercial	2,210,646	57,531	19,326	96,064
17	Power - Excluding deliveries to electric boilers ..	17,425,962	687,614	7,529	455,286
18	Deliveries to electric boilers	3,596,824	4,085	-	-
19	Street lighting	174,725	5,336	610	11,628
20	Total sold to ultimate customers	29,303,604	933,449	65,519	919,374
21	Losses and unaccounted for	2,285,262	89,600	11,957	132,753
22	Total disposed of in Canada	31,588,866	1,023,049	77,476	1,052,127
23	Per cent of total for Canada	100.00	3.24	0.25	3.33
	Exported:				
24	To other provinces - Primary .....	...	-	-	59,341
25	Secondary .....	...	-	-	-
26	To United States - Primary	385,142	-	-	-
27	Secondary	175,542	-	-	-
28	Total exported	560,684	-	-	59,341
	Industrial establishments:				
	To ultimate customers in Canada:				
29	Domestic and farm ¹	56,319	749	-	-
30	Commercial	31,819	429	-	-
31	Power - Excluding deliveries to electric boilers	181,171	479	-	4,314
32	Deliveries to electric boilers	640	-	-	-
33	Street lighting	2,861	15	-	-
34	Total sold to ultimate customers	272,810	1,672	-	4,314
35	Losses and unaccounted for	33,175	-	-	-
36	Total disposed of in Canada	305,985	1,672	-	4,314
37	Per cent of total for Canada	100.00	0.55	-	1.41
	Exported:				
38	To other provinces - Primary .....	...	75,224	-	-
39	Secondary .....	...	-	-	-
40	To United States - Primary	115,238	-	-	-
41	Secondary	-	-	-	-
42	Total exported	115,238	75,224	-	-

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

TABLE 4. Disposal of Energy, 1961 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of kilowatt-hours								
326,321	2,569,767	9,677,332	1,583,554	692,049	507,662	507,417	3,572	1
89,273	1,135,092	3,677,794	558,018	250,008	385,412	259,981	3,860	2
734,500	5,174,181	16,590,231	1,375,389	541,125	623,262	1,252,704	74,538	3
—	139,982	420,148	56,626	—	—	—	35,396	4
16,867	91,991	294,233	47,549	21,877	48,459	22,161	30	5
1,166,961	9,111,013	30,659,738	3,621,136	1,505,059	1,564,795	2,042,263	117,396	6
99,561	1,126,560	4,128,416	424,051	281,221	105,003	117,127	11,183	7
1,266,522	10,237,573	34,788,154	4,045,187	1,786,280	1,669,798	2,159,390	128,579	8
2.23	18.06	61.38	7.14	3.15	2.95	3.81	0.23	9
15,214	1,373,742	19,997	154,956	14,644	—	—	—	10
—	1,807,909	494,733	—	—	—	264	—	11
61,812	340,038	290,075	38	—	—	—	—	12
4	—	2,789,378	—	—	—	—	—	13
77,030	3,521,689	3,594,183	154,994	14,644	—	264	—	14
35,719	2,917,534	196,509	24,558	4,633	463,411	1,667,774	11,971	15
23,375	869,981	84,272	6,715	1,582	135,940	909,621	6,234	16
14,347	12,521,928	1,021,717	537,430	212	861,610	1,309,688	8,601	17
—	3,592,739	—	—	—	—	—	—	18
1,719	74,283	6,430	1,695	310	14,700	57,827	192	19
75,160	19,976,465	1,308,928	570,398	6,737	1,475,666	3,944,910	26,998	20
7,014	1,015,826	130,737	39,068	9,900	329,919	514,801	3,687	21
82,174	20,992,291	1,439,665	609,466	16,637	1,805,585	4,459,711	30,685	22
0.26	66.48	4.56	1.93	0.05	5.72	14.08	0.10	23
—	2,642,817	—	4,163	610,285	—	23,306	—	24
—	41,741	—	—	—	—	—	—	25
44,330	5,284	316,286	—	—	—	19,242	—	26
22,217	61,492	91,833	—	—	—	—	—	27
66,547	2,751,334	408,119	4,163	610,285	—	42,548	—	28
—	12,949	13,475	3,646	525	494	24,250	231	29
9,768	4,530	3,534	1,476	491	1,892	9,699	—	30
—	15,687	54,905	65	—	—	99,194	6,527	31
—	640	—	—	—	—	—	—	32
—	718	678	79	—	11	1,360	—	33
9,768	34,524	72,592	5,266	1,016	2,397	134,503	6,758	34
—	3,453	3,840	159	—	—	24,596	1,127	35
9,768	37,977	76,432	5,425	1,016	2,397	159,099	7,885	36
3.19	12.41	24.98	1.77	0.33	0.78	52.00	2.58	37
—	—	—	—	30,733	—	—	—	38
—	—	—	—	—	—	—	—	39
76,500	—	38,738	—	—	—	—	—	40
—	—	—	—	—	—	—	—	41
76,500	—	38,738	—	30,733	—	—	—	42

TABLE 5. Customers at End of Year, 1961

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
Electric utilities and industrial establishments:					
Ultimate customers in Canada:					
1	Domestic and farm ¹	4,716,819	63,195	21,883	174,775
2	Commercial	548,111	6,754	1,645	20,899
3	Power	104,333	775	8	8,573
4	Street lighting	6,182	26	5	364
5	Total ultimate customers	5,375,445	70,750	23,541	204,611
6	Per cent of total for Canada	100.00	1.32	0.44	3.81
Electric utilities:					
Publicly and privately-operated:					
Ultimate customers in Canada:					
7	Domestic and farm ¹	4,707,887	62,755	21,883	174,775
8	Commercial	547,398	6,739	1,645	20,899
9	Power	104,299	772	8	8,571
10	Street lighting	6,158	25	5	364
11	Total ultimate customers	5,365,742	70,291	23,541	204,609
12	Per cent of total for Canada	100.00	1.31	0.44	3.81
Publicly-operated:					
Ultimate customers in Canada:					
13	Domestic and farm ¹	3,325,923	212	2,330	71,782
14	Commercial	371,664	—	490	9,101
15	Power	69,489	—	—	1,368
16	Street lighting	3,615	—	2	296
17	Total ultimate customers	3,770,691	212	2,822	82,547
18	Per cent of total for Canada	100.00	0.01	0.07	2.19
Privately-operated:					
Ultimate customers in Canada:					
19	Domestic and farm ¹	1,381,964	62,543	19,553	102,993
20	Commercial	175,734	6,739	1,155	11,798
21	Power	34,810	772	8	7,203
22	Street lighting	2,543	25	3	68
23	Total ultimate customers	1,595,051	70,079	20,719	122,062
24	Per cent of total for Canada	100.00	4.39	1.30	7.65
Industrial establishments:					
Ultimate customers in Canada:					
25	Domestic and farm ¹	8,932	440	—	—
26	Commercial	713	15	—	—
27	Power	34	3	—	—
28	Street lighting	24	1	—	—
29	Total ultimate customers	9,703	459	—	—
30	Per cent of total for Canada	100.00	4.73	—	0.02

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

TABLE 5. Customers at End of Year, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
145,246	1,279,564	1,816,679	246,642	224,045	301,317	439,087	4,386	1
7,723	152,677	168,114	40,837	30,833	47,998	69,552	1,079	2
2,464	21,388	26,613	12,217	9,303	18,035	4,753	204	3
777	1,820	792	538	910	591	342	17	4
156,210	1,455,449	2,012,198	300,234	265,091	367,941	513,734	5,686	5
2.91	27.08	37.43	5.58	4.93	6.84	9.56	0.10	6
145,246	1,277,175	1,814,759	246,211	223,964	301,064	435,749	4,306	7
7,721	152,457	167,997	40,794	30,829	47,985	69,253	1,079	8
2,464	21,385	26,605	12,216	9,303	18,035	4,737	203	9
777	1,812	787	537	910	590	334	17	10
156,208	1,452,829	2,010,148	299,758	265,006	367,674	510,073	5,605	11
2.91	27.08	37.46	5.59	4.94	6.85	9.51	0.10	12
134,244	597,630	1,778,557	242,762	222,857	163,612	110,938	997	13
6,011	75,890	164,125	40,448	30,692	26,615	17,839	453	14
2,201	10,812	26,307	12,158	9,294	4,990	2,340	19	15
768	140	763	534	906	13	186	7	16
143,224	684,474	1,969,752	295,902	263,749	195,230	131,303	1,476	17
3.80	18.15	52.24	7.85	6.99	5.18	3.48	0.04	18
11,002	679,543	36,202	3,449	1,107	137,452	324,811	3,309	19
1,710	76,567	3,872	346	137	21,370	51,414	626	20
263	10,573	298	58	9	13,045	2,397	184	21
9	1,672	24	3	4	577	148	10	22
12,984	768,355	40,396	3,856	1,257	172,444	378,770	4,129	23
0.82	48.17	2.53	0.24	0.08	10.81	23.75	0.26	24
—	2,389	1,920	431	81	253	3,338	80	25
2	220	117	43	4	13	299	—	26
—	3	8	1	—	—	16	1	27
—	8	5	1	—	1	8	—	28
2	2,620	2,050	476	85	267	3,661	81	29
0.02	27.00	21.13	4.91	0.88	2.75	37.73	0.83	30

TABLE 6. Revenue from Sale of Electricity, 1961

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	346,807	4,232	1,811	13,276
2	Commercial	166,666	1,784	781	5,504
3	Power—Excluding deliveries to electric boilers	320,605	5,063	167	11,269
4	Deliveries to electric boilers	6,856	6	—	—
5	Street lighting	17,944	179	53	725
6	Total revenue from ultimate customers	858,878	11,264	2,812	30,774
7	Per cent of total for Canada	100.00	1.31	0.33	3.58
	Revenue from electricity exported:				
8	To other provinces—Primary .....	...	241	—	868
9	Secondary .....	...	—	—	—
10	To United States—Primary	5,769	—	—	—
11	Secondary	3,783	—	—	—
12	Total revenue from exports	9,552	241	—	868
13	Totals (Ultimate customers and exports).....	868,430	11,505	2,812	31,642
	Electric utilities:				
	Publicly and privately-operated:				
	Revenue from ultimate customers in Canada:				
14	Domestic and farm ¹	345,974	4,214	1,811	13,276
15	Commercial	166,226	1,776	781	5,504
16	Power—Excluding deliveries to electric boilers ..	319,560	5,056	167	11,243
17	Deliveries to electric boilers	6,854	6	—	—
18	Street lighting	17,895	179	53	725
19	Total revenue from ultimate customers	856,509	11,231	2,812	30,748
20	Per cent of total for Canada	100.00	1.31	0.33	3.59
	Revenue from electricity exported:				
21	To other provinces—Primary .....	...	—	—	868
22	Secondary .....	...	—	—	—
23	To United States—Primary	4,778	—	—	—
24	Secondary	3,783	—	—	—
25	Total revenue from exports	8,561	—	—	868
26	Totals (Ultimate customers and exports).....	865,070	11,231	2,812	31,616
	Publicly-operated:				
	Revenue from ultimate customers in Canada:				
27	Domestic and farm ¹	235,680	18	182	4,337
28	Commercial	111,475	—	205	1,901
29	Power—Excluding deliveries to electric boilers ..	206,639	—	—	2,749
30	Deliveries to electric boilers	1,166	—	—	—
31	Street lighting	12,591	—	22	206
32	Total revenue from ultimate customers	567,551	18	409	9,193
33	Per cent of total for Canada	100.00	0.00	0.07	1.62

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

TABLE 6. Revenue From Sale of Electricity, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
11,330	78,716	130,382	18,458	20,454	21,127	46,216	205	1
3,276	38,403	54,543	8,694	7,820	15,374	29,789	698	2
8,044	101,043	128,437	12,670	9,965	19,308	22,350	2,289	3
—	5,039	601	68	—	—	—	142	4
654	3,845	7,238	982	907	1,661	1,678	22	5
23,304	228,046	321,201	40,872	39,146	57,470	100,033	3,956	6
2.71	26.55	37.40	4.76	4.56	6.69	11.65	0.46	7
38	11,668	191	264	1,581	—	161	—	8
—	2,611	823	—	—	—	5	—	9
1,706	629	3,406	1	—	—	27	—	10
236	252	3,295	—	—	—	—	—	11
1,980	15,160	7,715	265	1,581	—	193	—	12
25,284	243,206	328,916	41,137	40,727	57,470	100,226	3,956	13
11,330	78,491	130,212	18,417	20,448	21,108	45,881	786	14
3,203	38,306	54,486	8,688	7,814	15,337	29,633	698	15
8,044	100,979	128,163	12,670	9,965	19,308	21,690	2,275	16
—	6,037	601	68	—	—	—	142	17
654	3,833	7,234	982	907	1,660	1,646	22	18
23,231	227,646	320,696	40,825	39,134	57,413	98,850	3,923	19
2.71	26.58	37.44	4.77	4.57	6.70	11.54	0.46	20
38	11,668	191	264	1,581	—	161	—	21
—	2,611	823	—	—	—	5	—	22
979	629	3,142	1	—	—	27	—	23
236	252	3,295	—	—	—	—	—	24
1,253	15,160	7,451	265	1,581	—	193	—	25
24,484	242,806	328,147	41,090	40,715	57,413	99,043	3,923	26
10,400	33,282	127,558	18,075	20,323	9,800	11,437	268	27
2,530	21,025	53,149	8,554	7,746	9,156	6,927	282	28
7,700	34,655	121,781	11,425	9,955	6,838	9,705	1,831	29
—	355	601	68	—	—	—	142	30
597	1,375	7,080	968	902	948	488	5	31
21,227	90,692	310,169	39,090	38,926	26,742	28,557	2,528	32
3.74	15.98	54.65	6.89	6.86	4.71	5.03	0.45	33

TABLE 6. Revenue from Sale of Electricity, 1961 - 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 .....	...	-	-	428
2	Secondary .....	...	-	-	-
3	To United States - Primary	2,643	-	-	-
4	Secondary	2,999	-	-	-
5	Total revenue from exports	5,642	-	-	428
6	Totals (Ultimate customers and exports)	573,193	18	409	9,621
	Privately-operated:				
	Revenue from ultimate customers in Canada:				
7	Domestic and farm ¹	110,294	4,196	1,629	8,939
8	Commercial	54,751	1,776	576	3,603
9	Power - Excluding deliveries to electric boilers ..	112,921	5,056	167	8,494
10	Deliveries to electric boilers	5,688	6	-	-
11	Street lighting	5,304	179	31	519
12	Total revenue from ultimate customers	288,958	11,213	2,403	21,555
13	Per cent of total for Canada	100.00	3.88	0.83	7.46
	Revenue from electricity exported:				
14	To other provinces - Primary .....	...	-	-	440
15	Secondary .....	...	-	-	-
16	To United States - Primary	2,135	-	-	-
17	Secondary	784	-	-	-
18	Total revenue from exports	2,919	-	-	440
19	Totals (Ultimate customers and exports)	291,877	11,213	2,403	21,995
	Industrial establishments:				
	Revenue from ultimate customers in Canada:				
20	Domestic and farm ¹	833	18	-	-
21	Commercial	440	8	-	-
22	Power - Excluding deliveries to electric boilers	1,045	7	-	26
23	Deliveries to electric boilers	2	-	-	-
24	Street lighting	49	-	-	-
25	Total revenue from ultimate customers	2,369	33	-	26
26	Per cent of total for Canada	100.00	1.39	-	1.10
	Revenue from electricity exported:				
27	To other provinces - Primary .....	...	241	-	-
28	Secondary .....	...	-	-	-
29	To United States - Primary	991	-	-	-
	Secondary	-	-	-	-
31	Total revenue from exports	991	241	-	-
32	Totals (Ultimate customers and exports)	3,360	274	-	26

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

TABLE 6. Revenue From Sale of Electricity, 1961 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
38	3,370	191	212	36	—	—	—	1
—	2,549	823	—	—	—	5	—	2
522	554	1,566	1	—	—	—	—	3
—	—	2,999	—	—	—	—	—	4
560	6,473	5,579	213	36	—	5	—	5
21,787	97,165	315,748	39,303	38,962	26,942	28,562	2,528	6
930	45,209	2,654	342	125	11,308	34,444	518	7
673	17,281	1,337	134	68	6,181	22,706	416	8
344	66,324	6,382	1,245	10	12,470	11,985	444	9
—	5,682	—	—	—	—	—	—	10
57	2,458	154	14	5	712	1,158	17	11
2,004	136,954	10,527	1,735	208	30,671	70,293	1,395	12
0.69	47.40	3.64	0.60	0.07	10.62	24.33	0.48	13
—	8,298	—	52	1,545	—	161	—	14
—	62	—	—	—	—	—	—	15
457	75	1,576	—	—	—	27	—	16
236	252	296	—	—	—	—	—	17
693	8,687	1,872	52	1,545	—	188	—	18
2,697	145,641	12,399	1,787	1,753	30,671	70,481	1,395	19
—	225	170	41	6	19	335	19	20
73	97	57	6	6	37	156	—	21
—	64	274	—	—	—	660	14	22
—	2	—	—	—	—	—	—	23
—	12	4	—	—	1	32	—	24
73	400	505	47	12	57	1,183	33	25
3.08	16.88	21.32	1.98	0.51	2.41	49.94	1.39	26
—	—	—	—	—	—	—	—	27
—	—	—	—	—	—	—	—	28
727	—	264	—	—	—	—	—	29
—	—	—	—	—	—	—	—	30
727	—	264	—	—	—	—	—	31
800	400	769	47	12	57	1,183	33	32

TABLE 7. Domestic and Farm Service, 1939-61

No.			Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities and industrial establish- ments:					
	Customers:					
1	1939	No.	1,623,672	..	5,067	62,034
2	1945	"	1,987,360	..	6,387	84,011
3	1950	"	2,797,378	30,311	10,298	124,860
4	1960	"	4,542,780	59,929	18,542	168,625
5	1961	"	4,716,819	63,195	21,883	174,775
	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	1960	"	20,397,014 ^f	169,481	30,130	461,926
10	1961	"	21,979,672	179,761	42,314	512,244
	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	1960	"	326,543 ^f	3,901	1,352	12,727
15	1961	"	346,807	4,232	1,811	13,275
	Kilowatt-hours per customer:					
16	1939	kwh.	1,423	..	574	630
17	1945	"	1,693	..	817	834
18	1950	"	2,413	1,321	1,022	1,181
19	1960	"	4,490 ^f	2,828	1,625	2,739
20	1961	"	4,660	2,845	1,934	2,931
	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	1960	\$	71.88 ^f	65.09	72.38	75.48
25	1961	\$	73.53	66.97	82.76	75.96
	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	1960	"	1.60	2.30	4.49	2.76
30	1961	"	1.58	2.35	4.28	2.59
	Farm service, 1961 ¹					
31	Customers	No.	497,994	4,716	13,914	29,426
32	Kilowatt-hours sold	'000 kwh.	2,317,672	6,444	25,090	39,202
33	Revenue received	\$'000	49,562	331	1,167	1,351
34	Kilowatt-hours per customer	No.	4,654	1,366	1,803	1,332
35	Average annual bill	\$	99.52	70.19	83.87	45.91
36	Revenue per kilowatt-hour	cents	2.14	5.14	4.65	3.45

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, 1939-61

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
46,485	434,825	719,871	81,091	49,980	68,267	156,052	..	1
62,175	558,865	839,968	94,673	61,285	87,005	192,991	..	2
95,540	778,878	1,104,317	144,122	94,734	134,132	278,417	1,769	3
141,283	1,225,796	1,755,369	235,732	215,732	290,140	428,418	3,707	4
145,246	1,279,564	1,816,679	246,642	224,045	301,317	439,087	4,386	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
328,107	5,000,588	9,318,141	1,454,613	651,391 ^f	867,319	2,102,048	13,270	9
362,040	5,500,250	9,887,316	1,611,758	697,207	971,567	2,199,441	15,774	10
1,308	9,167	19,658	3,312	2,004	2,145	4,327	..	11
1,883	11,926	23,699	4,238	2,566	2,932	5,967	..	12
3,747	23,821	44,724	7,939	4,871	5,385	12,525	163	13
10,601	72,571	124,933	16,722	19,400 ^f	19,280	44,365	691	14
11,330	78,716	130,382	18,458	20,454	21,127	46,216	805	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
2,322	4,079	5,308	6,184	3,019 ^f	2,989	4,907	3,580	19
2,493	4,299	5,443	6,535	3,112	3,224	5,009	3,596	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
75.03	59.20	71.17	71.09	89.93 ^f	66.45	103.56	186.40	24
78.01	61.52	71.77	74.84	91.29	70.12	105.25	183.54	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
3.23	1.45	1.34	1.16	2.98 ^f	2.22	2.11	4.67	29
3.13	1.43	1.32	1.15	2.93	2.17	2.10	5.10	30
20,950	110,016	141,475	39,326	62,260	52,316	23,595	..	31
48,974	377,851	917,378	235,767	220,237	230,380	216,349	..	32
1,649	7,621	17,370	4,140	7,666	4,998	3,269	..	33
2,338	3,435	6,484	5,995	3,537	4,404	9,169	..	34
78.71	69.27	122.78	105.27	123.13	95.53	138.55	..	35
3.37	2.02	1.89	1.76	3.48	2.17	1.51	..	36

TABLE 8. Pole Line Mileage at End of Year, 1961

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
	Electric utilities – Publicly and privately-operated:				
1	Steel – Towers	11,900	66	–	89
2	Poles	202	47	–	1
3	Aluminum – Towers	–	–	–	–
4	Poles	23	–	–	–
5	Wood pole – Transmission	50,147	486	146	1,841
6	Distribution	261,780	2,685	1,918	9,351
7	Concrete pole	668	–	–	–
8	Cable (under ground and – Under 69 kv. submarine)	5,172	10	–	24
9	69 kv. and over	366	–	–	11
10	Other	55	–	–	–
11	Total pole line mileage	330,313	3,294	2,064	11,317
12	Per cent of total for Canada	100.00	1.00	0.62	3.43

TABLE 9. Circuit Mileage of Electric Line at End of Year, 1961

No.		Canada	New-foundland	Prince Edward Island	Nova Scotia
	Electric utilities – Publicly and privately-operated:				
1	20,000- 49,999 volts	27,934	392	146	1,080
2	50,000- 99,999 “	13,226	117	–	833
3	100,000- 149,999 “	15,736	–	–	153
4	150,000- 199,999 “	987	–	–	–
5	200,000- 249,999 “	5,752	–	–	–
6	250,000- 299,999 “	–	–	–	–
7	300,000- 349,999 “	2,125	–	–	–
8	350,000 volts and over	205	–	–	–
9	Total circuit mileage¹	65,965	509	146	2,066
10	Per cent of total for Canada	100.00	0.77	0.22	3.13

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, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
664	3,509	5,726	946	95	90	715	—	1
—	58	70	3	23	—	—	—	2
—	—	—	—	—	—	—	—	3
—	—	23	—	—	—	—	—	4
1,163	5,747	10,465	4,115	10,050	12,607	3,353	174	5
8,714	35,662	58,862	29,394	58,745	42,881	13,411	157	6
12	5	650	—	1	—	—	—	7
14	1,822	2,221	180	87	436	377	1	8
—	76	37	14	4	13	211	—	9
25	—	30	—	—	—	—	—	10
10,592	46,879	78,084	34,652	69,005	56,027	18,067	332	11
3.21	14.19	23.64	10.49	20.89	16.96	5.47	0.10	12

TABLE 9. Circuit Mileage of Electric Line at End of Year, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
133	3,042	6,835	1,842	7,147	6,929	358	30	1
1,166	2,342	219	1,916	1,940	2,222	2,439	32	2
528	2,481	6,847	2,077	871	1,431	1,250	98	3
—	814	—	—	173	—	—	—	4
—	1,072	4,330	—	—	—	350	—	5
—	—	—	—	—	—	—	—	6
—	2,125	—	—	—	—	—	—	7
—	—	—	1	—	—	204	—	8
1,827	11,876	18,231	5,836	10,131	10,582	4,601	160	9
2.77	18.00	27.64	8.85	15.36	16.04	6.98	0.24	10

TABLE 10. Fuel Used to Generate Electricity, 1961

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities – Publicly and privately-operated:				
	Quantity of fuel:				
	Coal:				
1	Bituminous – Canadian short ton	691,696	–	–	504,071
2	Imported “	259,111	–	–	–
3	Sub-bituminous “	232,407	–	–	–
4	Saskatchewan lignite “	1,070,184	–	–	–
5	Other “	–	–	–	–
6	Total coal “	2,253,398	–	–	504,071
	Petroleum fuels:				
7	Furnace fuel oil – Light Imp. gallon	2,812,870	–	–	154,314
8	Heavy “	73,010,073	5,764,063	7,465,383	19,170,238
9	Diesel fuel oil “	11,118,214	612,129	219,204	5,557
10	Other “	295,696	–	–	–
11	Total petroleum fuels “	87,236,853	6,376,192	7,684,587	19,330,109
	Gas:				
12	Natural M. cu. ft.	41,253,192	–	–	–
13	Manufactured “	–	–	–	–
14	Total gas “	41,253,192	–	–	–
15	Other fuels “	–	–	–	–
	Cost of fuel:				
	Coal:				
16	Bituminous – Canadian \$	7,175,519	–	–	5,393,919
17	Imported \$	1,973,825	–	–	–
18	Sub-bituminous \$	393,814	–	–	–
19	Saskatchewan lignite \$	1,881,720	–	–	–
20	Other \$	–	–	–	–
21	Total coal \$	11,424,878	–	–	5,393,919
	Petroleum fuels:				
22	Furnace fuel oil – Light \$	323,144	–	–	22,676
23	Heavy \$	4,553,326	389,831	478,183	1,209,642
24	Diesel fuel oil \$	2,020,378	116,595	32,596	1,066
25	Other \$	27,567	–	–	–
26	Total petroleum fuels \$	6,924,415	506,426	510,779	1,233,384
	Gas:				
27	Natural \$	6,323,906	–	–	–
28	Manufactured \$	–	–	–	–
29	Total gas \$	6,323,906	–	–	–
30	Other fuels \$	–	–	–	–
31	Total all fuels \$	24,673,199	506,426	510,779	6,627,303
32	Per cent of total for Canada \$	100.00	2.05	2.07	26.86

¹ Fuel oil used in coal-fired stations for initial steam-raising; no resulting generation.

TABLE 10. Fuel Used to Generate Electricity, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
167,814	—	13,004	320	—	6,487	—	—	1
—	—	259,111	—	—	—	—	—	2
—	—	—	—	9,439	222,968	—	—	3
—	—	—	115,634	954,550	—	—	—	4
—	—	—	—	—	—	—	—	5
167,814	—	272,115	115,954	963,989	229,455	—	—	6
331,455	—	1,621,673	215,670	238,244	16,156	—	235,358	7
8,458,395	—	—	—	28,333,954	2,650,068	119,546	1,048,426	8
489,022	2,936,700	651,090	776,005	239,528	411,824	4,293,069	484,086	9
—	—	—	—	—	—	295,696	—	10
9,278,872	2,936,700	2,272,763	991,675	28,811,726	3,078,048	4,708,311	1,767,870	11
—	—	114,928	1,674,707	9,270,157	28,058,763	2,134,637	—	12
—	—	—	—	—	—	—	—	13
—	—	114,928	1,674,707	9,270,157	28,058,763	2,134,637	—	14
—	—	—	—	—	—	—	—	15
1,632,814	—	109,234	4,528	—	35,024	—	—	16
—	—	1,973,825 ¹	—	—	—	—	—	17
—	—	—	—	53,312	340,502	—	—	18
—	—	—	470,720	1,411,000	—	—	—	19
—	—	—	—	—	—	—	—	20
1,632,814	—	2,083,059	475,248	1,464,312	375,526	—	—	21
51,020	—	135,070	30,873	35,302	2,741	—	45,462	22
573,289	—	—	—	1,548,406	90,102	19,571	244,302	23
85,920	458,449	114,174	135,344	44,303	89,743	795,973	146,215	24
—	—	—	—	—	—	27,567	—	25
710,229	458,449	249,244	166,217	1,628,011	182,586	843,111	435,979	26
—	—	40,608	270,039	1,378,699	4,081,333	553,227	—	27
—	—	—	—	—	—	—	—	28
—	—	40,608	270,039	1,378,699	4,081,333	553,227	—	29
—	—	—	—	—	—	—	—	30
2,343,043	458,449	2,372,911	911,504	4,471,022	4,639,445	1,396,338	435,979	31
9.50	1.86	9.62	3.69	18.12	18.80	5.66	1.77	32

TABLE 10. Fuel Used to Generate Electricity, 1961 - 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	12,705	-	-	12,998
2	Imported "	12,417	-	-	-
3	Sub-bituminous "	8,462	-	-	-
4	Saskatchewan lignite "	6,576	-	-	-
5	Other "	-	-	-	-
	Petroleum fuels:				
6	Furnace fuel oil - Light per Imp. gal.	169,932	-	-	184,337
7	Heavy "	178,813	180,582	182,506	180,495
8	Diesel fuel oil "	165,327	167,629	172,180	167,888
9	Other "	158,487	-	-	-
	Gas:				
10	Natural per stand. cu. ft. ²	1,015	-	-	-
11	Manufactured "	-	-	-	-
	Energy generated: ³				
	By coal:				
12	Bituminous - Canadian '000 kwh.	1,199,516	-	-	900,308
13	Imported "	488,995	-	-	-
14	Sub-bituminous "	256,599	-	-	-
15	Saskatchewan lignite "	994,228	-	-	-
16	Other "	-	-	-	-
17	Total coal "	2,939,338	-	-	900,308
	By petroleum fuels:				
18	Furnace fuel oil - Light "	10,332	-	-	1,063
19	Heavy "	910,892	76,871	84,726	282,156
20	Diesel fuel oil "	129,065	9,880	3,424	71
21	Other "	2,769	-	-	-
22	Total petroleum fuels "	1,053,058	86,751	88,150	283,290
	By gas:				
23	Natural "	3,070,375	-	-	-
24	Manufactured "	-	-	-	-
25	Total gas "	3,070,375	-	-	-
26	By other fuels "	-	-	-	-
27	Total all fuels "	7,062,771	86,751	88,150	1,183,598
28	Per cent of total for Canada ..	100.00	1.23	1.25	16.76

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

TABLE 10. Fuel Used to Generate Electricity, 1961 - Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
11,873	-	12,417	13,400	-	12,000	-	-	1
-	-	12,417	-	-	-	-	-	2
-	-	-	-	8,644	8,454	-	-	3
-	-	-	7,199	6,500	-	-	-	4
-	-	-	-	-	-	-	-	5
166,000	-	168,505	165,000	176,000	165,000	-	174,640	6
181,256	-	-	-	175,741	182,382	180,000	166,200	7
166,472	163,218	167,000	168,831	169,227	165,964	165,106	164,371	8
-	-	-	-	-	-	158,487	-	9
-	-	1,030	1,035	1,015	1,014	1,003	-	10
-	-	-	-	-	-	-	-	11
267,980	-	24,541	285	-	6,402	-	-	12
-	-	488,995	-	-	-	-	-	13
-	-	-	-	13,142	243,457	-	-	14
-	-	-	115,065	879,163	-	-	-	15
-	-	-	-	-	-	-	-	16
267,980	-	513,536	115,350	892,305	249,859	-	-	17
-	-	-	1,005	3,242	-	-	5,022	18
105,275	-	-	-	311,425	33,524	1,533	15,382	19
6,533	24,390	7,179	10,775	3,184	6,036	51,731	5,862	20
-	-	-	-	-	-	2,769	-	21
111,808	24,390	7,179	11,780	317,851	39,560	56,033	26,266	22
-	-	12,127	122,484	591,562	2,144,092	200,110	-	23
-	-	-	-	-	-	-	-	24
-	-	12,127	122,484	591,562	2,144,092	200,110	-	25
-	-	-	-	-	-	-	-	26
379,788	24,390	532,842	249,614	1,801,718	2,433,511	256,143	26,266	27
5.38	0.34	7.54	3.53	25.51	34.46	3.63	0.37	28

¹ Net output after deducting station service.

TABLE 11. Employees, Wages, and Salaries, 1961

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
	Electric utilities — Publicly and privately-operated:				
	Employees (excluding construction employees):				
1	Administrative	No. 17,575	196	18	548
2	Operating	" 21,814	404	159	1,019
3	Total employees	" 39,389	600	177	1,567
4	Per cent of total for Canada	100.00	1.52	0.45	3.98
	Wages and salaries (excluding construction employees):				
5	Administrative	\$'000 91,429	858	123	2,298
6	Operating	" 106,987	1,439	552	4,232
7	Total wages and salaries	" 198,416	2,297	675	6,530
8	Per cent of total for Canada	100.00	1.16	0.34	3.29
	Publicly-operated:				
	Employees (excluding construction employees):				
9	Administrative	No. 13,115	—	7	189
10	Operating	" 15,769	2	20	438
11	Total employees	" 28,884	2	27	627
12	Per cent of total for Canada	100.00	—	0.09	2.17
	Wages and salaries (excluding construction employees):				
13	Administrative	\$'000 67,649	—	39	775
14	Operating	" 79,179	5	63	1,651
15	Total wages and salaries	" 146,828	5	102	2,426
16	Per cent of total for Canada	100.00	—	0.07	1.65
	Privately-operated:				
	Employees (excluding construction employees):				
17	Administrative	No. 4,460	196	11	359
18	Operating	" 6,045	402	139	581
19	Total employees	" 10,505	598	150	940
20	Per cent of total for Canada	100.00	5.69	1.43	8.95
	Wages and salaries (excluding construction employees):				
21	Administrative	\$'000 23,780	858	84	1,523
22	Operating	" 27,808	1,434	489	2,581
23	Total wages and salaries	" 51,588	2,292	573	4,104
24	Per cent of total for Canada	100.00	4.44	1.11	7.96

TABLE 11. Employees, Wages, and Salaries, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
504	5,250	7,332	1,196	852	620	999	60	1
740	5,115	8,838	1,324	1,598	1,117	1,336	164	2
1,244	10,365	16,170	2,520	2,450	1,737	2,335	224	3
3.16	26.31	41.05	6.40	6.22	4.41	5.93	0.57	4
1,997	26,529	40,855	5,852	3,291	3,372	5,898	356	5
2,692	22,350	46,402	5,848	8,633	5,727	8,213	899	6
4,689	48,879	87,257	11,700	11,924	9,099	14,111	1,255	7
2.36	24.63	43.98	5.90	6.01	4.59	7.11	0.63	8
486	2,745	7,205	1,193	837	180	223	50	9
703	2,110	8,543	1,324	1,510	447	547	125	10
1,189	4,855	15,748	2,517	2,347	627	770	175	11
4.12	16.81	54.52	8.71	8.13	2.17	2.67	0.61	12
1,913	13,133	40,177	5,840	3,200	1,034	1,248	290	13
2,535	9,713	44,858	5,848	8,200	2,372	3,252	682	14
4,448	22,846	85,035	11,688	11,400	3,406	4,500	972	15
3.03	15.56	57.92	7.96	7.76	2.32	3.07	0.66	16
18	2,505	127	3	15	440	776	10	17
37	3,005	295	—	88	670	789	39	18
55	5,510	422	3	103	1,110	1,565	49	19
0.52	52.45	4.02	0.03	0.98	10.56	14.90	0.47	20
84	13,396	678	12	91	2,338	4,650	66	21
157	12,637	1,544	—	433	3,355	4,961	217	22
241	26,033	2,222	12	524	5,693	9,611	283	23
0.47	50.46	4.31	0.02	1.02	11.03	18.63	0.55	24

TABLE 12. Assets and Liabilities at End of Year, 1961

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities – Publicly and privately-operated:				
	Assets:				
	Fixed assets:				
	Electric utility (at original cost):				
1	Generating plant	3,863,354	66,527	7,152	75,896
2	Transmission	1,400,281	3,011	1,086	28,437
3	Distribution	1,688,824	21,405	4,678	50,377
4	Other property and equipment	505,775	8,261	421	22,401
5	Totals	7,458,234	99,204	13,337	177,111
6	Accumulated depreciation	1,276,694	14,696	2,588	31,315
7	Total, less depreciation	6,181,540	84,508	10,749	145,796
8	Other fixed assets, less depreciation	275,318	—	2,605	1,459
9	Total fixed assets	6,456,858	84,508	13,354	147,255
	Current assets:				
10	Cash on hand and in banks	73,306	396	141	991
11	Temporary investments	93,773	601	—	3,473
12	Accounts receivable (net)	139,435	1,490	462	4,493
13	Inventories	76,943	773	334	2,476
14	Other	21,793	17	67	551
15	Total current assets	405,250	3,277	1,004	11,984
	Investments:				
16	In associated companies	52,698	1,755	—	2,805
17	Reserve fund investments	320,025	—	25	10,703
18	Other	25,291	128	45	81
19	Total investments	398,014	1,883	70	13,589
20	Deferred charges and prepaid expenses	263,089	386	147	831
21	Other assets	76,742	989	4	630
22	Total assets	7,599,953	91,043	14,579	174,289
	Liabilities:				
23	Long-term debt	4,916,665	44,961	5,054	93,570
	Current liabilities:				
24	Accounts payable and accrued liabilities	200,695	2,873	334	6,068
25	Loans and notes payable	46,467	3,056	550	1,110
26	Other	90,476	100	918	1,651
27	Total current liabilities	337,638	6,029	1,802	8,829
28	Reserves	681,275	274	2,752	23,352
29	Deferred credits and other liabilities	128,068	2,507	495	3,008
	Capital and surplus:				
30	Share capital	363,413	28,164	785	25,431
31	Surplus – Capital	160,922	2,963	1,037	4,316
32	Earned	1,011,972	6,145	2,654	15,783
33	Total capital and surplus	1,536,307	37,272	4,476	45,530
34	Total liabilities	7,599,953	91,043	14,579	174,289

TABLE 12. Assets and Liabilities at End of Year, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
68,270	1,182,061	1,605,589	209,066	87,700	37,873	486,498	26,722	1
35,647	393,635	666,749	39,266	55,945	15,148	157,893	3,464	2
41,932	436,934	586,634	136,225	111,274	36,102	262,337	926	3
3,095	100,807	131,134	25,597	13,530	169,206	29,569	1,754	4
148,944	2,113,437	2,990,106	410,154	278,449	258,329	936,297	32,866	5
29,535	444,758	427,439	72,147	60,928	58,224	129,897	5,167	6
119,409	1,668,679	2,562,667	338,007	217,521	200,105	806,400	27,699	7
17,015	31,859	22,143	29,663	49,097	9,738	111,699	40	8
136,424	1,700,538	2,584,810	367,670	266,618	209,843	918,099	27,739	9
712	6,621	56,679	3,489	335	956	2,896	90	10
3	43,693	31,535	1,019	5,087	4,064	4,297	1	11
3,960	39,763	50,912	5,675	5,686	6,142	19,079	1,773	12
1,967	14,127	35,489	4,812	5,842	3,611	6,951	561	13
9,138	1,956	4,081	1,811	919	710	2,542	1	14
15,780	106,160	178,696	16,806	17,869	15,483	35,765	2,426	15
27	44,263	—	5	215	3,232	42	357	16
1,248	1,592	283,143	22,350	—	965	—	—	17
46	9,099	241	10,655	620	95	3,274	1,004	18
1,321	54,954	283,383	33,010	835	4,292	3,316	1,361	19
3,693	16,224	210,678	4,500	6,244	778	19,588	20	20
78	19,236	5,990	76	28,091	1,685	19,881	82	21
157,296	1,897,112	3,263,557	422,062	319,657	232,081	996,649	31,628	22
136,708	1,092,219	2,024,416	329,969	237,578	103,675	821,626	26,889	23
6,041	66,291	36,409	5,801	23,825	11,570	41,011	472	24
4	5,982	1,292	8,090	433	7,219	18,681	50	25
23	4,516	31,898	43,282	316	5,679	1,954	139	26
6,068	76,789	69,599	57,173	24,574	24,468	61,646	661	27
6,831	320,358	280,162	30,427	794	6,657	7,772	1,896	28
317	42,193	9,588	3,485	38,876	24,583	2,999	17	29
1,380	257,392	9,885	31	506	32,199	7,435	205	30
2,957	6,959	132,294	43	896	3,643	5,439	375	31
3,035	101,202	737,613	934	16,433	36,856	89,732	1,585	32
7,372	365,553	879,792	1,008	17,835	72,698	102,606	2,165	33
157,296	1,897,112	3,263,557	422,062	319,657	232,081	996,649	31,628	34

TABLE 12. Assets and Liabilities at End of Year, 1961 - Continued

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities - Publicly operated:				
	Assets:				
	Fixed assets:				
	Electric utility (at original cost):				
1	Generating plant	2,882,580	106	926	42,778
2	Transmission	1,088,391	260	-	12,068
3	Distribution	1,194,688	1,973	681	23,410
4	Other property and equipment	221,467	17	-	1,843
5	Totals	5,387,126	2,356	1,607	80,099
6	Accumulated depreciation	791,570	-	351	4,407
7	Total, less depreciation	4,595,556	2,356	1,256	75,692
8	Other fixed assets, less depreciation	132,208	-	-	342
9	Total fixed assets	4,727,764	2,356	1,256	76,034
	Current assets:				
10	Cash on hand and in banks	63,176	1	-	386
11	Temporary investments	69,733	-	-	803
12	Accounts receivable (net)	90,358	18	48	1,995
13	Inventories	60,451	-	30	1,016
14	Other	18,101	-	62	382
15	Total current assets	301,819	19	140	4,582
	Investments:				
16	In associated companies	-	-	-	-
17	Reserve fund investments	318,850	-	-	10,703
18	Other	12,389	-	-	80
19	Total investments	331,239	-	-	10,783
20	Deferred charges and prepaid expenses	241,735	-	-	98
21	Other assets	64,047	102	-	62
22	Total assets	5,666,604	2,477	1,396	91,559
	Liabilities:				
23	Long-term debt	3,794,929	-	227	58,780
	Current liabilities:				
24	Accounts payable and accrued liabilities	117,842	39	105	2,705
25	Loans and notes payable	29,651	-	-	530
26	Other	79,165	-	-	1,105
27	Total current liabilities	226,658	39	105	4,340
28	Reserves	665,619	-	35	20,526
29	Deferred credits and other liabilities	84,192	-	62	553
	Capital and surplus:				
30	Share capital	4,366	2,438	-	1,150
31	Surplus - Capital	141,379	-	967	3,357
32	Earned	749,461	-	-	2,853
33	Total capital and surplus	895,206	2,438	967	7,360
34	Total liabilities	5,666,604	2,477	1,396	91,559

TABLE 12. Assets and Liabilities at End of Year, 1961 - Continued

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
66,518	710,019	1,566,846	209,066	85,689	20,291	154,647	25,694	1
35,173	248,653	655,877	39,266	54,932	118	38,785	3,259	2
39,033	232,126	577,241	135,839	111,063	26,720	46,602	—	3
2,757	43,669	126,846	25,454	12,760	2,532	4,154	1,435	4
143,481	1,234,467	2,926,810	409,625	264,444	49,661	244,188	30,388	5
27,776	174,518	406,792	71,911	50,415	17,611	33,226	4,563	6
115,705	1,059,949	2,520,018	337,714	214,029	32,050	210,962	25,825	7
17,015	15,262	11,457	29,663	49,097	6,015	3,317	40	8
132,720	1,075,211	2,531,475	367,377	263,126	38,065	214,279	25,865	9
570	1,260	56,140	3,468	252	30	1,057	12	10
3	31,143	30,916	1,019	5,087	752	10	—	11
3,888	18,503	48,586	5,625	5,659	1,470	3,095	1,471	12
1,925	8,220	35,112	4,812	5,568	1,612	1,639	517	13
9,138	973	4,077	1,811	919	639	100	—	14
15,524	60,099	174,831	16,735	17,485	4,503	5,901	2,000	15
—	—	—	—	—	—	—	—	16
1,248	442	283,142	22,350	—	965	—	—	17
3	7	—	10,654	620	21	—	1,004	18
1,251	449	283,142	33,004	620	986	—	1,004	19
3,677	11,563	210,020	4,500	6,237	3	5,620	17	20
78	9,998	5,905	76	28,091	95	19,565	75	21
153,250	1,157,320	3,205,373	421,692	315,559	43,652	245,365	28,961	22
135,738	780,198	2,000,097	329,969	237,399	20,713	205,945	25,863	23
5,880	37,913	34,296	5,770	23,589	1,639	5,712	194	24
4	1,101	1,092	8,090	433	181	18,170	50	25
23	209	31,795	43,046	269	1,694	922	102	26
5,907	39,233	67,183	56,906	24,291	3,514	24,804	346	27
6,720	317,286	280,150	30,427	790	2,041	5,805	1,839	28
314	14,935	7,908	3,415	38,847	15,191	2,967	—	29
—	285	132	—	—	1	360	—	30
2,503	4,113	122,414	43	896	1,648	5,438	—	31
2,068	1,280	727,489	932	13,336	544	46	913	32
4,571	5,678	850,035	975	14,232	2,193	5,844	913	33
153,250	1,157,320	3,205,373	421,692	315,559	43,652	245,365	28,961	34

TABLE 12. Assets and Liabilities at End of Year, 1961 - 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	980,774	66,421	6,226	33,118
2	Transmission	311,890	2,751	1,086	16,369
3	Distribution	494,136	19,432	3,997	26,967
4	Other property and equipment	284,308	8,244	421	20,558
5	Totals	2,071,108	96,848	11,730	97,012
6	Accumulated depreciation	485,124	14,696	2,237	26,908
7	Total, less depreciation	1,585,984	82,152	9,493	70,104
8	Other fixed assets, less depreciation	143,110	-	2,605	1,117
9	Total fixed assets	1,729,094	82,152	12,098	71,221
	Current assets:				
10	Cash on hand and in banks	10,130	395	141	605
11	Temporary investments	24,040	601	-	2,670
12	Accounts receivable (net)	49,077	1,472	414	2,498
13	Inventories	16,492	773	304	1,460
14	Other	3,692	17	5	169
15	Total current assets	103,431	3,258	864	7,402
	Investments:				
16	In associated companies	52,698	1,755	-	2,805
17	Reserve fund investments	1,175	-	25	-
18	Other	12,902	128	45	1
19	Total investments	66,775	1,883	70	2,806
20	Deferred charges and prepaid expenses	21,354	386	147	733
21	Other assets	12,695	887	4	568
22	Total assets	1,933,349	88,566	13,183	82,730
	Liabilities:				
23	Long-term debt	1,121,736	44,961	4,827	34,790
	Current liabilities:				
24	Accounts payable and accrued liabilities	82,853	2,834	229	3,363
25	Loans and notes payable	16,816	3,056	550	580
26	Other	11,311	100	918	546
27	Total current liabilities	110,980	5,990	1,697	4,489
28	Reserves	15,656	274	2,717	2,826
29	Deferred credits and other liabilities	43,876	2,507	433	2,455
	Capital and surplus:				
30	Share capital	359,047	25,726	785	24,281
31	Surplus - Capital	19,543	2,963	70	959
32	Earned	262,511	6,145	2,654	12,930
33	Total capital and surplus	641,101	34,834	3,509	38,170
34	Total liabilities	1,933,349	88,566	13,183	82,730

TABLE 12. Assets and Liabilities at End of Year, 1961 — Concluded

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
1,752	472,042	38,743	—	12,011	17,582	331,851	1,028	1
474	144,982	10,872	—	1,013	15,030	119,108	205	2
2,899	204,808	9,393	386	211	9,382	215,735	926	3
338	57,138	4,288	143	770	166,674	25,415	319	4
5,463	878,970	63,296	529	14,005	208,668	692,109	2,478	5
1,759	270,240	20,647	236	10,513	40,613	96,671	604	6
3,704	608,730	42,649	293	3,492	168,055	595,438	1,874	7
—	16,597	10,686	—	—	3,723	108,382	—	8
3,704	625,327	53,335	293	3,492	171,778	703,820	1,874	9
142	5,361	539	21	83	926	1,839	78	10
—	12,550	619	—	—	3,312	4,287	1	11
72	21,260	2,326	50	27	4,672	15,984	302	12
42	5,907	377	—	274	1,999	5,312	44	13
—	983	4	—	—	71	2,442	1	14
336	46,061	3,865	71	384	10,980	29,864	426	15
27	44,260	—	5	215	3,232	42	357	16
—	1,150	—	—	—	—	—	—	17
43	9,095	241	1	—	74	3,274	—	18
70	54,505	241	6	215	3,306	3,316	357	19
16	4,661	658	—	7	775	13,968	3	20
—	9,238	85	—	—	1,590	316	7	21
4,046	739,792	58,184	370	4,098	188,429	751,284	2,667	22
970	312,021	24,319	—	179	82,962	615,681	1,026	23
161	28,378	2,113	31	236	9,931	35,299	278	24
—	4,881	200	—	—	7,038	511	—	25
—	4,307	103	236	47	3,985	1,032	37	26
161	37,566	2,416	267	283	20,954	36,842	315	27
111	3,072	12	—	4	4,616	1,967	57	28
3	27,258	1,680	70	29	9,392	32	17	29
1,380	257,107	9,753	31	506	32,198	7,075	205	30
454	2,846	9,880	—	—	1,995	1	375	31
967	99,922	10,124	2	3,097	36,312	89,686	672	32
2,801	359,875	29,757	33	3,603	70,505	96,762	1,252	33
4,046	739,792	58,184	370	4,098	188,429	751,284	2,667	34

TABLE 13. Income Account, 1961

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	1,094,009	12,026	2,870	37,291
2	Other	55,538	338	12	848
3	Total operating revenue	1,149,547	12,364	2,882	38,139
	Operating expense:				
4	Operation, maintenance and administration	356,200	3,602	1,446	16,525
5	Power purchased	239,464	847	64	5,900
6	Depreciation	148,985	2,241	410	4,171
7	Total operating expense	744,649	6,690	1,920	26,596
8	Operating income	404,898	5,674	962	11,543
9	Other income	19,876	168	3	353
10	Total income	424,774	5,842	965	11,896
	Income deductions:				
11	Interest on long-term debt	200,784	2,014	227	4,414
12	Income tax	47,182	1,690	286	2,850
13	Other deductions	58,598	233	39	1,044
14	Total income deductions	306,564	3,937	552	8,308
15	Net income	118,210	1,905	413	3,588
	Publicly-operated:				
	Operating revenue:				
16	Sale of electricity ¹	746,814	18	409	12,560
17	Other	10,185	28	6	417
18	Total operating revenue	756,999	46	415	12,977
	Operating expense:				
19	Operation, maintenance and administration	219,714	38	209	4,745
20	Power purchased	181,018	—	37	3,300
21	Depreciation	98,280	—	43	957
22	Total operating expense	499,012	38	289	9,002
23	Operating income	257,987	8	126	3,975
24	Other income	8,266	—	—	60
25	Total income	266,253	8	126	4,035
	Income deductions:				
26	Interest on long-term debt	155,136	—	11	2,815
27	Income tax	—	—	—	—
28	Other deductions	54,334	—	39	886
29	Total income deductions	209,470	—	50	3,701
30	Net income	56,783	8	76	334
	Privately-operated:				
	Operating revenue:				
31	Sale of electricity ¹	347,195	12,008	2,461	24,731
32	Other	45,353	310	6	431
33	Total operating revenue	392,548	12,318	2,467	25,162
	Operating expense:				
34	Operation, maintenance and administration	136,486	3,564	1,237	11,780
35	Power purchased	58,446	847	27	2,600
36	Depreciation	50,705	2,241	367	3,214
37	Total operating expense	245,637	6,652	1,631	17,594
38	Operating income	146,911	5,666	836	7,568
39	Other income	11,610	168	3	293
40	Total income	158,521	5,834	839	7,861
	Income deductions:				
41	Interest on long-term debt	45,648	2,014	216	1,599
42	Income tax	47,182	1,690	286	2,850
43	Other deductions	4,264	233	—	158
44	Total income deductions	97,094	3,937	502	4,607
45	Net income	61,427	1,897	337	3,254

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, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
27,606	290,100	460,560	45,455	43,039	68,913	101,528	4,621	1
150	6,359	3,664	823	33	1,536	40,817	958	2
27,756	296,459	464,224	46,278	43,072	70,449	142,345	5,579	3
10,932	85,434	124,297	17,941	17,529	18,751	57,259	2,484	4
5,148	54,506	149,120	5,202	2,667	11,905	3,404	701	5
3,830	39,493	47,435	10,462	9,213	8,143	22,746	841	6
19,910	179,433	320,852	33,605	29,409	38,799	83,409	4,026	7
7,846	117,026	143,372	12,673	13,663	31,650	58,936	1,553	8
12	8,704	60	2,037	2,221	650	5,402	266	9
7,858	125,730	143,432	14,710	15,884	32,300	64,338	1,819	10
5,639	38,357	87,342	12,557	9,878	4,791	34,744	821	11
191	23,685	2,803	—	182	7,572	7,768	155	12
1,267	15,262	32,846	1,995	1,564	3,386	962	—	13
7,097	77,304	122,991	14,552	11,624	15,749	43,474	976	14
761	48,426	20,441	158	4,260	16,551	20,864	843	15
24,977	114,445	445,249	44,885	41,295	31,897	28,043	3,036	16
127	3,032	3,547	822	31	1,028	195	952	17
25,104	117,477	448,796	45,707	41,326	32,925	28,238	3,988	18
10,228	31,896	120,457	17,894	16,654	7,447	8,096	2,050	19
3,836	6,229	146,347	4,699	2,566	11,343	2,661	—	20
3,696	19,885	45,962	10,442	8,812	2,158	5,585	740	21
17,760	58,010	312,766	33,035	28,032	20,948	16,342	2,790	22
7,344	59,467	136,030	12,672	13,294	11,977	11,896	1,198	23
11	2,914	5	2,037	2,217	16	761	245	24
7,355	62,381	136,035	14,709	15,511	11,993	12,657	1,443	25
5,570	26,411	86,268	12,557	9,869	1,851	9,009	775	26
—	—	—	—	—	—	—	—	27
1,267	13,716	32,248	1,995	1,564	2,546	73	—	28
6,837	40,127	118,516	14,552	11,433	4,397	9,082	775	29
518	22,254	17,519	157	4,078	7,596	3,575	668	30
2,629	175,655	15,311	570	1,744	37,016	73,485	1,585	31
23	3,327	117	1	2	508	40,622	6	32
2,652	178,982	15,428	571	1,746	37,524	114,107	1,591	33
704	53,538	3,840	47	875	11,304	49,163	434	34
1,312	48,277	2,773	503	101	562	743	701	35
134	19,608	1,473	20	401	5,985	17,161	101	36
2,150	121,423	8,086	570	1,377	17,851	67,067	1,236	37
502	57,559	7,342	1	369	19,673	47,040	355	38
1	5,790	55	—	4	634	4,641	21	39
503	63,349	7,397	1	373	20,307	51,661	376	40
69	11,946	1,074	—	9	2,940	25,735	46	41
191	23,685	2,803	—	182	7,572	7,768	155	42
—	1,546	598	—	—	840	889	—	43
260	37,177	4,475	—	191	11,352	34,392	201	44
243	26,172	2,922	1	182	8,955	17,289	175	45

TABLE 14. Taxes, 1961

No.		Canada	New- foundland	Prince Edward Island	Nova Scotia
		thousands of dollars			
	Electric utilities — Publicly and privately-operated:				
1	Municipal	20,250	66	71	1,461
2	Provincial	15,294	23	1	2
3	Federal	39,943	1,690	227	2,853
4	Total taxes	75,487	1,779	299	4,316
5	Per cent of total for Canada	100.00	2.36	0.40	5.72
	Publicly-operated:				
6	Municipal	9,623	—	11	203
7	Provincial	3,062	—	—	1
8	Federal	1,375	—	—	3
9	Total taxes	14,060	—	11	207
10	Per cent of total for Canada	100.00	—	0.08	1.47
	Privately-operated:				
11	Municipal	10,627	66	60	1,258
12	Provincial	12,232	23	1	1
13	Federal	38,568	1,690	227	2,850
14	Total taxes	61,427	1,779	288	4,109
15	Per cent of total for Canada	100.00	2.90	0.47	6.69

TABLE 15. Capital and Repair Expenditure¹

No.		1959						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	145,808	8,049	153,857	5,413	2,482	7,895	161,752
2	Electric transformer stations	36,935	6,832	43,767	1,790	291	2,081	45,848
3	Power transmission and distribution	137,422	22,879	160,301	8,415	2,936	11,351	171,652
4	Street lighting	5,077	2,062	7,139	5,500	2,938	8,438	15,577
5	Total generating transmission and distribution facilities	325,242	39,822	365,064	21,118	8,647	29,765	394,829
6	Dams and reservoirs	26,340	892	27,232	...	...	...	...
7	Other facilities	35,718	2,386	38,104	...	...	...	...
8	Totals	387,300	43,100	430,400	...	...	...	...
9	Machinery and equipment	186,400	26,100	212,500	...	...	...	...
10	Total electric utilities	573,700	69,200	642,900	...	...	...	...

¹ Compiled by Business Finance Division, DBS.

TABLE 14. Taxes, 1961

New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon and N.W.T.	No.
thousands of dollars								
214	6,023	5,866	691	485	2,588	2,775	10	1
29	12,153	880	—	3	97	2,106	—	2
204	17,538	3,411	—	182	6,439	7,237	162	3
447	35,714	10,157	691	670	9,124	12,118	172	4
0.59	47.31	13.45	0.91	0.89	12.09	16.05	0.23	5
108	791	5,162	691	480	1,849	328	—	6
3	2,800	245	—	—	—	13	—	7
23	101	998	—	—	—	250	—	8
134	3,692	6,405	691	480	1,849	591	—	9
0.95	26.26	45.55	4.92	3.41	13.15	4.20	—	10
106	5,232	704	—	5	739	2,447	10	11
26	9,353	635	—	3	97	2,093	—	12
181	17,437	2,413	—	182	6,439	6,987	162	13
313	32,022	3,752	—	190	7,275	11,527	172	14
0.51	52.13	6.11	—	0.31	11.84	18.76	0.28	15

TABLE 15. Capital and Repair Expenditures¹

1960						1961				No.
Electric utilities ²			Other industries			Grand total	Electric utilities			
Capital	Repairs	Total	Capital	Repairs	Total		Capital	Repairs	Total	
thousands of dollars										
110,000	9,253	119,253	6,971	2,753	9,724	128,977	177,117	10,851	187,968	1
34,173	6,534	40,707	1,936	913	2,849	43,556	23,848	6,153	30,001	2
129,917	23,144	153,061	3,498	3,119	6,617	159,678	125,469	27,372	152,841	3
7,408	2,056	9,464	4,715	2,487	7,202	16,666	9,041	2,266	11,307	4
281,498	40,987	322,485	17,120	9,272	26,392	348,877	335,475	46,642	382,117	5
52,734	649	53,383	—	—	—	—	33,653	636	34,289	6
37,268	1,764	39,032	—	—	—	—	43,872	1,922	45,794	7
371,500	43,400	414,900	—	—	—	—	413,000	49,200	462,200	8
161,300	30,700	192,000	—	—	—	—	156,800	29,500	186,300	9
532,800	74,100	606,900	—	—	—	—	569,800	78,700	648,500	10

² Includes Aluminum Company of Canada Ltd.

TABLE 16. Supply and Demand of Electric Energy, 1949 - 60
Canada

No.		1949	1950	1951	1952
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	35,991,689	39,712,673	46,096,297	49,578,034
2	Industries	11,999,500	12,422,132	12,158,002	12,783,682
3	Totals	47,991,189	52,134,805	58,254,299	62,361,716
	Thermal-generation (net):				
4	Utilities	1,444,883	1,692,849	1,775,562	2,293,147
5	Industries	1,454,121	1,554,308	1,745,851	1,841,658
6	Totals	2,899,004	3,247,157	3,521,413	4,134,805
7	Grand total generation (3 + 6)	50,890,193	55,381,962	61,775,712	66,496,521
8	Imports from United States	31,205	2,591	8,956	19,985
9	Imports from other Provinces .....	...	...	...	...
10	Total supply of electric energy (7 + 8 + 9)	50,921,398	55,384,553	61,784,668	66,516,506
	Demand for electric energy:				
11	Residential and farm	5,678,847	6,750,303	7,726,114	8,741,182
	Manufacturing consumption:				
12	Pulp and paper	11,729,722	12,389,859	13,142,684	13,972,041
13	Smelting and refining	9,228,040	9,918,509	10,800,837	12,045,222
14	Chemicals	3,092,400	3,444,158	3,905,452	3,709,041
15	Primary iron and steel	1,877,428	1,835,569	2,363,325	2,600,279
16	Abrasives	719,187	725,705	1,121,261	934,275
17	Other manufacturing	4,463,475	4,929,668	5,544,304	5,806,352
18	Total manufacturing consumption (12 to 17)	31,110,252	33,243,468	36,877,863	39,067,210
19	Mining consumption	2,293,906	2,530,100	2,813,306	2,942,388
20	Total industrial consumption (18 + 19)	33,404,158	35,773,568	39,691,169	42,009,598
	Commercial and other consumption:				
21	At power rates	2,722,775	2,821,799	2,739,879	3,426,038
22	At commercial rates	2,418,203	2,809,459	3,152,501	3,489,248
23	Street lighting	285,135	303,276	320,722	348,246
24	Total (21 + 22 + 23)	5,426,113	5,934,534	6,213,102	7,263,532
25	Line loss, free service and unaccounted for	4,655,528	5,000,281	5,778,761	6,008,984
26	Residual error of estimate	—	—	—	—
27	Total domestic demand (11 + 18 + 19 + 24 + 25)	49,164,646	53,458,686	59,409,146	64,023,296
28	Total exports to United States	1,756,752	1,925,867	2,375,522	2,493,210
29	Total exports to other provinces .....	...	...	...	...
30	Total demand for electric energy (27 + 28 + 29)	50,921,398	55,384,553	61,784,668	66,516,506

TABLE 16. Supply and Demand of Electric Energy, 1949 - 60
Canada

1953	1954	1955	1956	1957	1958	1959	1960	No.
thousands of kilowatt-hours								
49,408,537	53,009,910	59,773,529	64,242,172	66,040,067	71,171,268	77,767,745	83,202,548	1
15,113,309	16,320,565	16,963,976	17,613,568	17,333,153	19,337,932	19,272,085	22,680,225	2
64,521,846	69,330,475	76,737,505	81,855,740	83,373,220	90,509,200	97,039,830	105,882,773	3
3,836,239	3,282,190	3,340,340	4,403,530	5,482,927	4,781,864	5,281,140	5,953,853	4
1,942,785	1,926,917	2,143,459	2,195,339	2,258,608	2,234,525	2,349,588	2,620,568	5
5,779,024	5,209,107	5,483,799	6,598,869	7,741,535	7,016,389	7,630,728	8,574,421	6
70,300,870	74,539,582	82,221,304	88,454,609	91,114,755	97,525,589	104,670,558	114,457,194	7
180,637	119,024	158,562	239,173	832,974	245,062	512,002	356,878	8
...	...	...	...	...	...	...	...	9
70,481,507	74,658,606	82,379,866	88,693,782	91,947,729	97,770,651	105,182,560	114,814,072	10
9,877,727	11,280,513	12,713,204	14,338,789	15,857,618	17,290,984	19,007,111	20,397,014	11
14,700,541	15,376,028	15,177,125	15,231,703	16,049,923	18,287,599	19,371,127	20,916,595	12
13,311,547	13,675,773	15,196,100	15,375,544	14,954,989	16,372,053	15,902,306	19,735,198	13
3,895,608	4,196,480	4,247,488	4,481,714	4,831,978	5,766,263	5,947,417	6,411,146	14
1,927,431	1,578,564	2,211,757	2,676,761	2,553,634	1,818,214	2,303,183	2,512,295	15
1,029,784	790,159	1,034,460	1,127,217	1,201,933	902,249	1,070,648	1,162,801	16
6,404,683	6,776,410	7,339,494	8,225,143	8,681,987	9,080,782	10,331,732	10,934,134	17
41,269,594	42,393,414	45,206,424	47,118,082	48,274,444	52,227,160	54,926,413	61,672,169	18
2,914,609	3,129,504	3,427,535	4,075,465	4,339,053	4,649,256	4,809,849	4,928,387	19
44,184,203	45,522,918	48,633,959	51,193,547	52,613,497	56,876,416	59,736,262	66,600,556	20
3,300,122	3,720,320	4,152,463	4,155,401	3,717,537	3,604,434	4,558,867	4,239,462	21
3,881,423	4,210,156	4,690,922	5,191,465	5,974,378	6,414,986	6,874,678	7,488,825	22
379,815	406,609	435,677	473,726	511,439	554,733	584,704	656,759	23
7,561,360	8,337,085	9,279,062	9,820,592	10,203,354	10,574,153	12,016,249	12,385,046	24
6,434,187	6,799,782	7,320,181	8,232,578	8,378,087	8,784,705	9,634,157	10,304,075	25
—	—	—	4,607	62,693	158,475	195,737	384,471	26
68,057,477	71,940,298	77,946,406	83,590,113	87,115,249	93,684,733	100,589,516	109,302,220	27
2,424,030	2,718,308	4,433,460	5,103,669	4,832,480	4,085,918	4,593,044	5,511,852	28
...	...	...	...	...	...	...	...	29
70,481,507	74,658,606	82,379,866	88,693,782	91,947,729	97,770,651	105,182,560	114,814,072	30

TABLE 16. Supply and Demand of Electric Energy 1949-60 — Continued
Newfoundland

No.		1949	1950	1951	1952
		thousands of kilowat-hours			
	Supply of Electric energy:				
	Hydro-generation (net):				
1	Utilities	129,202	146,461	170,898	228,875
2	Industries	866,610	912,457	885,125	930,757
3	Totals	995,812	1,058,918	1,030,023	1,159,032
	Thermal-generation (net):				
4	Utilities	736	1,009	1,538	4,416
5	Industries	25,000	27,000	25,000	30,000
6	Totals	25,736	28,009	26,538	34,416
7	Grand total generation (3+6)	1,021,548	1,086,927	1,056,561	1,194,048
8	Imports from United States	—	—	—	—
9	Imports from other provinces	—	—	—	—
10	Total supply of electric energy (7+8+9)	1,021,548	1,086,927	1,056,561	1,194,048
	Demand for electric energy:				
11	Residential and farm	21,936	40,051	45,258	61,577
	Manufacturing consumption:				
12	Pulp and paper				
13	Smelting and refining				
14	Chemicals				
15	Primary iron and steel				
16	Abrasives				
17	Other manufacturing				
18	Total manufacturing consumption (12 to 17)	886,448	934,625	886,029	968,566
19	Mining consumption	46,469	46,244	52,025	56,007
20	Total industrial consumption (18 + 19)	932,917	980,869	938,054	1,024,573
	Commercial and other consumption:				
21	At power rates	23,691	26,183	30,124	55,824
22	At commercial rates	13,151	17,213	16,618	22,928
23	Street lighting	2,418	2,537	2,737	3,823
24	Totals (21+22+23)	39,260	45,933	49,479	82,575
25	Line loss, free service and unaccounted for	17,465	20,074	20,770	25,323
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11 + 18 + 19 + 24 + 25)	1,021,548	1,086,927	1,056,561	1,194,048
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	—	—	—	—
30	Total demand for electric energy (27 + 28 + 29)	1,021,548	1,086,927	1,056,561	1,194,048

TABLE 16. Supply and Demand of Electric Energy 1949-60 - Continued
Newfoundland

1953	1954	1955	1956	1957	1958	1959	1960	No.
thousands of kilowatt-hours								
247,187	274,213	704,797	1,009,291	969,891	983,499	1,009,845	1,036,514	1
868,222	873,298	561,130	351,454	343,505	357,344	360,981	388,163	2
1,115,409	1,147,511	1,265,927	1,360,745	1,313,396	1,340,843	1,370,826	1,424,677	3
4,240	5,564	6,658	2,967	12,524	8,576	35,665	47,198	4
25,000	25,506	30,910	32,334	49,789	61,753	42,147	39,684	5
29,240	31,070	37,568	35,301	62,313	70,329	77,812	86,882	6
1,144,649	1,178,581	1,303,495	1,396,046	1,375,709	1,411,172	1,448,638	1,511,559	7
-	-	-	-	-	-	-	-	8
-	-	-	-	8,504	-	-	-	9
1,144,649	1,178,581	1,303,495	1,396,046	1,384,213	1,411,172	1,448,638	1,511,559	10
71,977	87,089	103,400	121,714	132,678	138,766	160,820	169,481	11
								12
								13
								14
								15
								16
								17
913,508	917,464	969,733	966,182	911,183	929,525	944,966	955,413	18
60,599	66,928	73,438	98,066	108,130	107,251	111,130	118,300	19
974,107	984,392	1,043,171	1,064,248	1,019,313	1,036,776	1,056,096	1,073,713	20
35,476	41,630	47,574	42,231	39,839	38,357	34,949	40,447	21
22,556	25,296	29,271	32,642	35,511	37,969	41,809	50,429	22
3,859	3,979	4,411	3,883	4,073	4,112	4,429	5,065	23
61,891	70,905	81,256	78,756	79,423	80,438	81,187	95,941	24
36,674	36,195	75,668	104,391	110,663	110,963	113,141	101,510	25
-	-	-	- 4,559	- 2,484	7,255	- 3,899	- 13,800	26
1,144,649	1,178,581	1,303,495	1,364,550	1,339,593	1,374,198	1,407,345	1,426,845	27
-	-	-	-	-	-	-	-	28
-	-	-	31,496	44,620	36,974	41,293	84,714	29
1,144,649	1,178,581	1,303,495	1,396,046	1,384,213	1,411,172	1,448,638	1,511,559	30

TABLE 16. Supply and Demand of Electric Energy 1949-60 - Continued
Prince Edward Island

No		1949	1950	1951	1952
		thousands of kilowatt-hours			
	Supply of Electric Energy:				
	Hydro-generation (net):				
1	Utilities	462	371	565	509
2	Industries	—	—	—	—
3	Totals	462	371	565	509
	Thermal-generation (net):				
4	Utilities	24,488	28,679	32,203	35,370
5	Industries	—	—	—	—
6	Totals	24,488	28,679	32,203	35,370
7	Grand total generation (3+6)	24,950	29,050	32,768	35,879
8	Imports from the United States	—	—	—	—
9	Imports from other provinces	—	—	—	—
10	Total supply of electric energy (7+8+9)	24,950	29,050	32,768	35,879
	Demand for Electricity Energy:				
11	Residential and farm	9,433	10,526	11,479	11,954
	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)	2,660	3,273	3,614	3,656
19	Mining consumption	—	—	—	—
20	Total industrial consumption (18+19)	2,660	3,273	3,614	3,656
	Commercial and other consumption:				
21	At power rates	2,206	2,571	2,864	3,604
22	At commercial rates	6,425	7,815	10,063	10,926
23	Street lighting	470	498	521	620
24	Totals (21+22+23)	9,101	10,884	13,448	15,150
25	Line Loss, free service and unaccounted for	3,756	4,367	4,227	5,119
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11+18+19+24+25)	24,950	29,050	32,768	35,879
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	—	—	—	—
30	Total demand for electricity energy (27+28+29)	24,950	29,050	32,768	35,879

TABLE 16. Supply and Demand of Electric Energy 1949 - 60 — Continued
Prince Edward Island

1953	1954	1955	1956	1957	1958	1959	1960	No.
thousands of kilowatt-hours								
366	645	545	441	370	537	340	415	1
—	—	—	—	—	—	—	—	2
366	645	545	441	370	537	340	415	3
39,073	41,869	45,885	51,355	56,613	62,492	70,802	79,037	4
—	7	7	7	5	5	—	—	5
39,073	41,876	45,892	51,362	56,618	62,497	70,802	79,037	6
39,439	42,521	46,437	51,803	56,988	63,034	71,142	79,452	7
—	—	—	—	—	—	—	—	8
—	—	—	—	—	—	—	—	9
39,439	42,521	46,437	51,803	56,988	63,034	71,142	79,452	10
13,042	14,053	15,789	18,957	20,560	23,103	27,033	30,130	11
								12
								13
								14
								15
								16
								17
4,275	5,023	4,987	5,568	5,746	5,727	8,983	9,693	18
—	—	—	—	—	—	—	—	19
4,275	5,023	4,987	5,568	5,746	5,727	8,983	9,693	20
4,515	4,739	5,160	2,503	2,131	2,994	2,959	4,489	21
11,094	11,660	12,420	15,861	18,088	19,507	19,894	20,511	22
766	808	785	803	995	1,017	1,238	1,208	23
16,375	17,207	18,365	19,167	21,214	23,518	24,091	26,208	24
5,747	6,238	7,296	8,012	9,375	10,582	11,035	13,421	25
—	—	—	99	93	104	—	—	26
39,439	42,521	46,437	51,803	56,988	63,034	71,142	79,452	27
—	—	—	—	—	—	—	—	28
—	—	—	—	—	—	—	—	29
39,439	42,521	46,437	51,803	56,988	63,034	71,142	79,452	30

TABLE 16. Supply and Demand of Electric Energy 1949-60 - Continued
Nova Scotia

No.		1949	1950	1951	1952
		thousands of kilowatt-hours			
	Supply of Electric Energy:				
	Hydro-generation (net):				
1	Utilities	367,671	376,441	494,418	458,912
2	Industries	149,552	151,343	102,743	98,494
3	Totals	517,223	527,784	597,161	557,406
	Thermal-generation (net):				
4	Utilities	258,450	294,968	331,055	456,665
5	Industries	102,990	107,450	137,328	138,376
6	Totals	361,440	402,418	468,383	595,041
7	Grand total generation (3+6)	878,663	930,202	1,065,544	1,152,447
8	Imports from the United States	—	—	—	—
9	Imports from other provinces	—	—	—	—
10	Total supply of electric energy (7+8+9)	878,663	930,202	1,065,544	1,152,447
	Demand for Electric Energy:				
11	Residential and farm	127,666	147,522	168,349	189,712
	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)	367,384	374,235	444,321	472,483
19	Mining consumption	153,675	149,463	159,995	173,411
20	Total industrial consumption (18 + 19)	521,059	523,698	604,316	645,894
	Commercial and other consumption:				
21	At power rates	48,442	70,494	81,063	100,528
22	At commercial rates	64,534	72,368	76,959	85,315
23	Street lighting	7,439	8,268	8,527	8,796
24	Totals (21+22+23)	120,415	151,130	166,549	194,639
25	Line loss, free service and unaccounted for	104,106	102,118	120,101	115,560
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11+18+19+24+25)	873,246	924,468	1,059,315	1,145,805
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	5,417	5,734	6,229	6,642
30	Total demand for electric energy (27+28+29)	878,663	930,202	1,065,544	1,152,447

TABLE 16. Supply and Demand of Electric Energy 1949-60 — Continued
Nova Scotia

1953	1954	1955	1956	1957	1958	1959	1960	No.
thousands of kilowatt-hours								
469,948	526,928	499,038	554,685	498,183	606,264	640,255	618,855	1
90,167	67,648	40,937	37,676	28,310	39,336	39,195	36,309	2
560,115	594,576	539,975	592,361	526,493	645,600	679,450	655,164	3
505,560	561,116	697,403	761,004	857,135	793,202	852,688	1,042,399	4
160,811	137,743	137,560	127,863	150,209	123,940	117,904	116,370	5
666,371	698,859	834,963	888,867	1,007,344	917,142	970,592	1,158,769	6
1,226,486	1,293,435	1,374,938	1,481,228	1,533,837	1,562,742	1,650,042	1,813,933	7
—	—	—	—	—	—	—	—	8
—	—	—	—	—	—	—	588	9
1,226,486	1,293,435	1,374,938	1,481,228	1,533,837	1,562,742	1,650,042	1,814,521	10
222,194	248,343	281,846	319,243	356,000	385,465	434,396	461,926	11
								12
								13
								14
								15
								16
								17
498,226	485,350	497,592	545,385	528,384	479,427	508,055	591,709	18
177,775	183,701	184,044	184,646	171,895	175,908	156,993	152,588	19
676,001	669,051	681,636	730,031	700,279	655,335	665,048	744,297	20
109,302	121,391	143,724	154,563	162,897	177,123	196,787	174,408	21
89,784	96,352	102,862	109,906	121,300	126,006	131,068	138,477	22
9,065	9,348	10,054	10,322	10,046	12,111	12,715	14,261	23
208,151	227,091	256,640	274,791	294,243	315,240	340,570	327,146	24
113,230	141,714	146,905	156,539	171,677	148,761	150,177	205,225	25
—	—	—	— 7,610	2,780	47,992	45,867	— 5,261	26
1,219,576	1,286,199	1,367,027	1,472,994	1,524,979	1,552,793	1,636,058	1,733,333	27
—	—	—	—	—	—	—	—	28
6,910	7,236	7,911	8,234	8,858	9,949	13,984	81,188	29
226,486	1,293,435	1,374,938	1,481,228	1,533,837	1,562,742	1,650,042	1,814,521	30

**TABLE 16. Supply and Demand of Electric Energy 1949-60 -- Continued
New Brunswick**

No.		1949	1950	1951	1952
		thousands of kilowatt - hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	438,472	472,271	508,832	446,439
2	Industries	68,929	69,039	69,164	69,858
3	Totals	507,401	541,310	577,996	516,297
	Thermal-generation (net):				
4	Utilities	196,396	206,830	229,817	290,013
5	Industries	235,251	283,994	279,369	283,872
6	Totals	431,647	490,824	509,186	573,885
7	Grand total generation (3 + 6)	939,048	1,032,134	1,087,182	1,090,182
8	Imports from United States	19	17	2	3
9	Imports from other provinces	13,773	14,651	15,776	16,981
10	Total supply of electric energy (7 + 8 + 9)	952,840	1,046,802	1,103,960	1,107,166
	Demand for electric energy:				
11	Residential and farm	87,846	97,752	110,734	122,859
	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)	702,076	767,642	798,946	772,225
19	Mining consumption	2,820	5,470	8,431	11,605
20	Total industrial consumption (18 + 19)	704,896	773,112	807,377	783,830
	Commercial and other consumption:				
21	At power rates	22,848	17,818	14,258	31,494
22	At commercial rates	51,408	54,795	55,750	61,089
23	Street lighting	6,846	7,506	7,975	8,787
24	Total (21 + 22 + 23)	81,102	80,119	77,983	101,370
25	Line loss, free service and unaccounted for	33,128	49,658	57,305	57,648
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11 + 18 + 19 + 24 + 25) ..	906,972	1,000,641	1,053,399	1,065,707
28	Total exports to United States	45,868	46,128	49,561	41,459
29	Total exports to other provinces	—	33	—	—
30	Total demand for electric energy (27 + 28 + 29)	952,840	1,046,802	1,102,960	1,107,166

TABLE 16. Supply and Demand of Electric Energy 1949-60 -- Continued
New Brunswick

1953	1954	1955	1956	1957	1958	1959	1960	No.
thousands of kilowatt - hours								
483,846	654,555	497,578	454,448	634,050	954,222	1,050,563	751,809	1
74,412	66,247	53,921	68,490	72,414	68,798	65,272	64,296	2
558,258	720,802	551,499	522,938	706,464	1,023,020	1,115,835	816,105	3
234,104	220,566	343,998	441,622	348,883	243,428	255,353	421,131	4
327,946	323,380	396,945	398,193	349,414	346,234	452,285	501,142	5
562,050	543,946	740,943	839,815	698,297	589,662	707,638	922,273	6
1,120,308	1,264,748	1,292,442	1,362,753	1,404,761	1,612,682	1,823,473	1,738,378	7
3	3	3	11,451	4,525	591	151	14,724	8
15,001	17,275	18,470	21,621	23,156	25,851	27,986	96,500	9
1,135,312	1,282,026	1,310,915	1,395,825	1,432,442	1,639,124	1,851,610	1,849,602	10
136,213	153,212	171,052	195,768	225,210	253,273	300,825	328,107	
								12
								13
								14
								15
								16
								17
790,339	842,120	879,410	886,719	858,471	890,600	968,689	1,061,348	18
12,064	14,602	21,313	22,273	39,516	23,951	19,515	21,023	19
802,403	856,722	900,723	908,992	897,987	914,551	988,204	1,082,371	20
35,507	46,513	63,673	86,514	52,810	147,329	170,922	39,755	21
65,246	71,734	78,425	84,712	91,425	97,745	105,702	110,215	22
9,382	9,599	9,698	9,901	10,910	12,053	14,262	15,717	23
110,135	127,846	151,796	181,127	155,145	257,127	290,886	165,687	24
48,031	81,133	54,455	90,548	108,117	87,294	117,337	128,646	25
—	—	—	— 5,624	— 2,666	— 15,910	— 4,274	— 20,906	26
1,096,782	1,218,913	1,278,026	1,370,811	1,383,793	1,496,335	1,692,978	1,683,905	27
37,975	62,333	32,889	25,014	48,649	142,789	158,621	165,109	28
555	780	—	—	—	—	11	588	29
1,135,312	1,282,026	1,310,915	1,395,825	1,432,442	1,639,124	1,851,610	1,849,602	30

TABLE 16. Supply and Demand of Electric Energy 1949-60 — Continued
Quebec

No.		1949	1950	1951	1952
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	18,943,806	20,555,800	22,994,531	24,847,058
2	Industries	7,681,971	7,792,295	7,753,001	8,308,774
3	Totals	26,625,777	28,348,095	30,747,532	33,155,832
	Thermal-generation (net):				
4	Utilities	7,774	8,810	11,666	14,296
5	Industries	108,107	108,599	111,702	119,649
6	Totals	115,881	117,409	123,368	133,945
7	Grand total generation (3 + 6)	26,741,658	28,465,504	30,870,900	33,289,777
8	Imports from United States	369	383	215	500
9	Imports from other provinces	6,011	19,310	6,538	8,678
10	Total supply of electric energy (7 + 8 + 9)	26,748,038	28,485,197	30,877,653	33,298,955
	Demand for electric energy:				
11	Residential and farm	999,216	1,199,887	1,434,277	1,780,591
	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)	16,579,258	17,500,178	19,535,828	21,215,383
19	Mining consumption	566,874	668,817	730,627	801,467
20	Total industrial consumption (18 + 19)	17,146,132	18,168,995	20,266,455	22,016,850
	Commercial and other consumption:				
21	At power rates	820,067	812,533	720,340	1,076,218
22	At commercial rates	643,157	712,633	786,458	860,104
23	Street lighting	53,253	58,886	63,428	70,157
24	Totals (21 + 22 + 23)	1,516,477	1,584,052	1,570,226	2,006,479
25	Line loss, free service and unaccounted for	1,555,835	1,637,608	1,889,932	1,918,351
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11 + 18 + 19 + 24 + 25) ..	21,217,660	22,590,542	25,160,890	27,622,271
28	Total exports to United States	650,974	641,772	646,993	664,976
29	Total exports to other provinces	4,879,404	5,252,883	5,069,770	5,011,700
30	Total demand for electric energy (27 + 28 + 29)	26,748,038	28,485,197	30,877,653	33,298,955

TABLE 16. Supply and Demand of Electric Energy 1949-60 - Continued
Quebec

1953	1954	1955	1956	1957	1958	1959	1960	No.
thousands of kilowatt-hours								
24,478,750	24,728,478	25,854,181	27,250,134	28,529,995	32,028,178	33,262,401	36,155,183	1
10,355,955	10,690,240	10,886,566	10,288,906	9,375,819	11,389,884	11,358,742	13,954,088	2
34,834,705	35,418,718	36,740,747	37,539,040	37,905,814	43,418,062	44,621,143	50,109,271	3
21,714	15,644	27,250	19,345	7,927	8,604	29,532	33,183	4
111,382	126,823	163,584	202,204	217,686	208,902	203,251	290,447	5
133,096	142,467	190,834	221,549	225,613	217,506	232,783	323,630	6
34,967,801	35,561,185	36,931,581	37,760,589	38,131,427	43,635,568	44,853,926	50,432,901	7
720	539	1,034	306	710	833	852	569	8
9,421	10,621	10,574	57,306	66,400	51,318	57,436	102,900	9
34,977,942	35,572,345	36,943,189	37,818,201	38,198,537	43,687,719	44,912,214	50,536,370	10
1,954,815	2,342,693	2,689,760	3,109,448	3,582,204	4,017,294	4,553,174	5,000,588	11
								12
								13
								14
								15
								16
								17
22,639,243	23,080,637	23,649,068	23,145,105	23,002,859	26,544,195	26,745,458	31,488,050	18
779,976	848,889	1,017,490	1,159,422	1,095,977	1,094,105	1,226,912	1,277,748	19
23,419,219	23,929,526	24,666,558	24,304,527	24,098,836	27,638,300	27,972,370	32,765,798	20
1,017,879	839,042	1,169,080	1,147,237	812,945	781,964	1,184,618	899,084	21
981,760	1,061,791	1,196,118	1,291,314	1,420,404	1,507,370	1,669,531	1,799,100	22
77,590	85,450	97,273	104,929	115,800	123,636	116,183	149,959	23
2,077,229	1,986,283	2,462,471	2,543,480	2,349,149	2,412,970	2,970,332	2,848,143	24
2,082,658	2,161,346	2,308,301	2,543,806	2,591,911	2,856,401	2,983,863	3,414,857	25
—	—	—	36,133	83,817	229,529	184,414	— 27,083	26
22,633,921	30,419,848	32,127,090	32,537,394	32,705,917	37,154,494	38,664,153	44,002,303	27
877,975	659,232	665,519	673,620	549,040	526,336	555,358	569,074	28
4,766,046	4,493,265	4,150,580	4,607,187	4,943,580	6,006,889	5,692,703	5,964,993	29
34,977,942	35,572,345	36,943,189	37,818,201	38,198,537	43,687,719	44,912,214	50,536,370	30

**TABLE 16. Supply and Demand of Electric Energy 1949 - 60 - Continued
Ontario**

No.		1949	1950	1951	1952
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	11, 142, 667	12, 458, 421	15, 726, 748	16, 722, 830
2	Industries	1, 327, 708	1, 360, 482	1, 380, 329	1, 383, 343
3	Totals	12, 470, 375	13, 818, 903	17, 107, 077	18, 106, 173
	Thermal-generation (net):				
4	Utilities	24, 488	110, 753	112, 494	419, 025
5	Industries	637, 606	641, 603	721, 747	706, 891
6	Totals	662, 094	752, 356	834, 241	1, 125, 916
7	Grand total generation (3 + 6)	13, 132, 469	14, 571, 259	17, 941, 318	19, 232, 089
8	Imports from United States	3, 968	—	—	—
9	Imports from other provinces	4, 871, 048	5, 243, 966	5, 060, 223	5, 001, 367
10	Total supply of electric energy (7 + 8 + 9)	18, 007, 485	19, 815, 225	23, 001, 541	24, 233, 456
	Demand for electric energy:				
11	Residential and farm	3, 076, 688	3, 662, 862	4, 148, 661	4, 639, 586
	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)	8, 750, 004	9, 455, 919	10, 819, 447	10, 978, 485
19	Mining consumption	845, 987	941, 370	1, 184, 449	1, 159, 423
20	Total industrial consumption (18 + 19)	9, 595, 991	10, 397, 289	12, 003, 896	12, 137, 908
	Commercial and other consumption:				
21	At power rates	1, 024, 707	931, 327	944, 302	1, 167, 365
22	At commercial rates	1, 033, 883	1, 251, 450	1, 446, 862	1, 602, 981
23	Street lighting	135, 988	142, 999	149, 186	164, 548
24	Totals (21 + 22 + 23)	2, 194, 578	2, 325, 776	2, 540, 350	2, 934, 894
25	Line loss, free service and unaccounted for	2, 168, 288	2, 364, 007	2, 811, 382	2, 935, 719
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11 + 18 + 19 + 24 + 25)	17, 035, 545	18, 749, 934	21, 504, 289	22, 648, 057
28	Total exports to United States	965, 929	1, 046, 014	1, 490, 714	1, 576, 721
29	Total exports to other provinces	6, 011	19, 277	6, 538	8, 678
30	Total demand for electric energy (27 + 28 + 29)	18, 007, 485	19, 815, 225	23, 001, 541	24, 233, 456

TABLE 16. Supply and Demand of Electric Energy 1949-60 - Continued
Ontario

1953	1954	1955	1956	1957	1958	1959	1960	No.
thousands of kilowatt-hours								
16,323,488	18,994,868	23,754,155	25,971,079	26,535,041	26,583,550	30,972,971	33,454,943	1
1,576,649	1,678,798	1,376,480	1,507,118	1,423,996	1,429,023	1,413,849	1,493,568	2
17,900,137	20,673,666	25,130,635	27,478,197	27,959,037	28,012,573	32,386,820	34,948,511	3
1,773,947	962,697	426,131	938,168	1,464,648	607,039	347,909	181,862	4
683,087	666,058	712,251	640,577	696,144	633,103	648,776	684,691	5
2,457,034	1,628,755	1,138,382	1,578,745	2,160,792	1,240,142	996,685	866,553	6
20,357,171	22,302,421	26,269,017	29,056,942	30,119,829	29,252,715	33,383,505	35,815,064	7
174,477	113,039	133,494	174,435	285,472	226,510	481,462	287,436	8
4,757,955	4,483,226	4,140,021	4,709,305	5,071,120	6,024,335	5,804,206	6,044,706	9
25,289,603	26,898,686	30,542,532	33,940,682	35,476,421	35,503,560	39,669,173	42,147,206	10
5,166,056	5,722,569	6,360,522	7,045,900	7,594,393	8,189,413	8,780,654	9,318,141	11
								12
								13
								14
								15
								16
								17
11,331,932	11,133,582	11,994,908	12,844,362	13,422,568	13,310,293	15,012,867	15,691,488	18
1,133,795	1,196,133	1,242,794	1,634,423	1,907,547	2,299,372	2,300,703	2,286,664	19
12,465,727	12,329,715	13,237,702	14,478,785	15,330,115	15,609,665	17,313,570	17,978,152	20
1,188,280	1,597,660	1,688,961	1,643,276	1,753,977	1,437,461	1,892,136	1,982,976	21
1,803,444	1,931,122	2,145,430	2,418,518	2,609,398	2,833,584	3,067,538	3,365,929	22
180,582	192,095	200,000	212,535	228,684	244,962	264,160	281,023	23
3,172,306	3,720,877	4,034,391	4,274,329	4,592,059	4,516,007	5,223,834	5,629,928	24
3,077,341	3,269,025	3,311,105	3,781,393	3,750,744	3,813,302	4,346,858	4,382,694	25
—	—	—	— 51,042	— 36,431	— 79,431	— 52,352	— 151,808	26
23,881,430	25,042,186	26,943,720	29,529,365	31,230,880	32,048,956	35,612,564	37,157,107	27
1,399,307	1,846,659	3,588,238	4,385,356	4,222,225	3,404,051	3,865,099	4,759,717	28
8,866	9,841	10,574	25,961	23,316	50,553	191,510	230,382	29
25,289,603	26,898,686	30,542,532	33,940,682	35,476,421	35,503,560	39,669,173	42,147,206	30

**TABLE 16. Supply and Demand of Electric Energy 1949-60 — Continued
Manitoba**

No.		1949	1950	1951	1952
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	2,156,401	2,445,263	2,560,322	2,694,924
2	Industries	984	1,050	875	1,376
3	Totals	2,157,385	2,446,313	2,561,197	2,696,300
	Thermal-generation (net):				
4	Utilities	3,597	4,120	4,215	4,322
5	Industries	6,834	5,632	6,689	4,632
6	Totals	10,431	9,752	10,904	8,954
7	Grand total generation (3 + 6)	2,167,816	2,456,065	2,572,101	2,705,254
8	Imports from United States	484	528	664	723
9	Imports from other provinces	465,204	474,458	483,608	501,723
10	Total supply of electric energy (7 + 8 + 9)	2,633,504	2,931,051	3,056,373	3,207,700
	Demand for electric energy:				
11	Residential and farm	616,272	689,335	759,478	825,457
	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)	784,376	875,534	92,286	1,006,346
19	Mining consumption	92,362	134,297	120,816	149,834
20	Total industrial consumption (18 + 19)	876,738	1,009,831	1,053,102	1,156,180
	Commercial and other consumption:				
21	At power rates	370,089	456,182	406,874	411,033
22	At commercial rates	170,067	185,802	198,226	216,755
23	Street lighting	26,505	26,838	28,005	28,498
24	Totals (21 + 22 + 23)	566,661	668,822	633,105	656,286
25	Line loss, free service and unaccounted for	265,021	295,275	317,387	301,361
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11 + 18 + 19 + 24 + 25) ..	2,324,692	2,663,263	2,763,072	2,939,234
28	Total exports to United States	—	1	6	6
29	Total exports to other provinces ¹	308,812	267,787	293,295	268,410
30	Total demand for electric energy (27 + 28 + 29)	2,633,504	2,931,051	3,056,373	3,207,700

¹ Includes re-exports to Saskatchewan

**TABLE 16. Supply and Demand of Electric Energy 1949 - 60 — Continued
Manitoba**

1953	1954	1955	1956	1957	1958	1959	1960	No.
thousands of kilowatt - hours								
2,750,270	3,004,268	3,099,880	3,330,439	3,331,922	3,080,140	3,540,427	3,614,725	1
7,537	22,557	24,928	15,955	19,474	33,026	40,000	45,195	2
2,757,807	3,026,825	3,124,808	3,346,394	3,350,396	3,113,166	3,580,427	3,659,920	3
3,669	6,455	4,056	3,249	9,099	133,878	57,996	75,761	4
6,655	8,361	8,225	15,661	17,894	5,976	4,820	6,230	5
10,324	14,816	12,281	18,910	26,993	139,854	62,816	81,991	6
2,768,131	3,041,641	3,137,089	3,365,304	3,377,389	3,253,020	3,643,243	3,741,911	7
804	868	993	817	—	—	—	—	8
508,517	516,115	524,890	555,617	505,855	540,238	728,451	789,259	9
3,277,452	3,558,624	3,662,972	3,921,738	3,883,244	3,793,258	4,371,694	4,531,170	10
898,876	1,003,027	1,079,155	1,172,579	1,247,563	1,337,932	1,388,330	1,454,613	11
								12
								13
								14
								15
								16
								17
1,005,029	1,036,504	1,066,054	1,138,891	1,016,260	979,199	1,177,449	1,248,421	18
128,345	143,433	168,078	147,384	150,394	125,725	167,849	206,729	19
1,133,374	1,179,937	1,234,132	1,286,275	1,166,654	1,104,924	1,345,298	1,455,150	20
322,447	394,652	254,720	290,720	125,461	87,385	110,406	60,467	21
230,186	250,374	264,359	275,652	428,508	456,589	488,694	527,969	22
29,116	29,617	29,888	31,952	33,943	35,876	39,802	43,382	23
581,749	674,643	548,967	598,324	587,912	579,850	638,902	631,818	24
317,023	346,325	460,793	401,298	387,540	395,804	512,991	573,789	25
—	—	—	— 8,373	— 11,214	— 820	— 1,892	— 94,390	26
2,931,022	3,203,932	3,323,047	3,450,103	3,378,455	3,417,690	3,883,629	4,020,980	27
6	6	6	8	22	28	36	34	28
346,424	354,686	339,919	471,627	504,767	375,540	488,029	510,156	29
3,277,452	3,558,624	3,662,972	3,921,738	3,883,244	3,793,258	4,371,694	4,531,170	30

TABLE 16 . Supply and Demand of Electric Energy 1949-60 — Continued
Saskatchewan

No.		1949	1950	1951	1952
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	491,571	500,720	516,142	544,447
2	Industries	845	946	1,760	1,738
3	Totals	492,416	501,666	517,902	546,185
	Thermal-generation (net):				
4	Utilities	366,517	402,424	462,631	534,862
5	Industries	440	2,330	19,526	27,789
6	Totals	366,957	404,754	482,157	562,651
7	Grand total generation (3+6)	859,373	906,420	1,000,059	1,108,836
8	Imports from United States	82	87	99	104
9	Imports from other provinces ¹	308,812	267,787	293,295	268,410
10	Total supply of electric energy (7+8+9)	1,168,267	1,174,294	1,293,453	1,377,350
	Demand for electric energy:				
11	Residential and farm	105,522	128,221	152,010	184,974
	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)	220,813	207,839	260,945	309,487
19	Mining consumption	157,411	136,833	136,129	88,049
20	Total industrial consumption (18+19)	378,224	344,672	397,074	397,536
	Commercial and other consumption:				
21	At power rates	66,936	68,815	76,322	71,439
22	At commercial rates	66,905	76,114	84,000	96,839
23	Street lighting	9,708	9,993	11,058	11,592
24	Totals (21+22+23)	143,549	154,922	171,380	179,870
25	Line loss, free service and unaccounted for	75,768	72,021	89,381	113,247
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11+18+19+24+25)	703,063	699,836	809,845	875,627
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	465,204	474,458	483,608	501,723
30	Total demand for electric energy (27+28+29)	1,168,267	1,174,294	1,293,453	1,377,350

¹ Includes reimports.

TABLE 16. Supply and Demand of Electric Energy 1949-60 — Continued
Saskatchewan

1953	1954	1955	1956	1957	1958	1959	1960	No.
thousands of kilowatt-hours								
553,459	559,300	569,401	555,466	546,148	548,272	562,072	585,888	1
1,170	4,186	—	15,772	19,872	20,208	25,294	35,941	2
554,629	563,486	569,401	571,238	566,020	568,480	587,366	621,829	3
620,672	732,979	866,566	995,520	1,132,269	1,261,298	1,436,325	1,596,454	4
40,353	40,995	38,263	69,504	103,598	126,383	117,389	64,803	5
661,025	773,974	940,142	1,065,024	1,235,867	1,387,681	1,553,714	1,661,257	6
1,215,654	1,337,460	1,509,543	1,636,262	1,801,887	1,956,161	2,141,080	2,283,086	7
123	182	232	258	316	365	401	414	8
346,424	354,686	339,919	356,122	354,425	346,397	367,560	417,751	9
1,562,201	1,692,328	1,849,694	1,992,642	2,156,628	2,302,923	2,508,981	2,701,251	10
226,507	282,542	327,369	400,215	470,075	515,158	600,526	651,391	11
								12
								13
								14
								15
								16
								17
381,941	415,115	437,993	447,746	462,924	463,001	502,914	580,929	18
110,835	114,160	127,400	211,523	219,398	250,036	273,391	242,710	19
492,776	530,275	565,393	659,269	682,322	713,037	776,305	823,639	20
78,938	83,781	103,696	88,054	121,051	164,352	89,938	123,110	21
106,340	126,999	133,891	158,358	166,344	163,257	277,904	290,093	22
13,104	15,187	15,772	19,291	19,725	21,006	20,536	20,469	23
198,382	225,967	253,359	265,703	307,120	348,615	388,378	433,672	24
136,019	137,429	178,683	114,718	195,400	228,263	195,262	247,156	25
—	—	—	— 2,729	— 2,608	— 6,179	— 4,562	— 31,670	26
1,053,684	1,176,213	1,324,804	1,437,176	1,652,309	1,798,894	1,955,909	2,124,188	27
—	—	—	—	—	—	—	—	28
508,517	516,115	524,890	555,466	504,319	504,029	553,072	577,063	29
1,562,201	1,692,328	1,849,694	1,992,642	2,156,628	2,302,923	2,508,981	2,701,251	30

**TABLE 16. Supply and Demand of Electric Energy 1949-60 - Continued
Alberta**

No.		1949	1950	1951	1952
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	362,960	340,884	501,027	760,296
2	Industries	—	—	—	—
3	Totals	362,960	340,884	501,027	760,296
	Thermal-generation (net):				
4	Utilities	437,769	528,180	495,918	413,706
5	Industries	28,046	30,009	28,460	30,093
6	Totals	465,815	558,189	524,378	443,799
7	Grand total generation (3+6)	828,775	899,073	1,025,405	1,204,095
8	Imports from the United States	221	226	299	345
9	Imports from other provinces	9,992	16,430	10,932	3,521
10	Total supply of electric energy (7+8+9)	838,988	915,729	1,036,636	1,207,961
	Demand for electric energy:				
11	Residential and farm	130,328	164,205	199,287	233,236
	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)	299,093	303,592	334,373	364,851
19	Mining consumption	72,767	73,229	85,545	92,653
20	Total industrial consumption (18 + 19)	371,860	376,821	419,918	457,504
	Commercial and other consumption:				
21	At power rates	102,214	128,165	141,719	179,992
22	At commercial rates	104,731	120,235	137,446	154,751
23	Street lighting	13,340	13,830	16,107	16,811
24	Totals (21+22+23)	220,285	262,230	295,272	351,554
25	Lines loss, free service and unaccounted for	116,515	112,473	118,609	159,306
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11+18 + 19 + 24 + 25)	838,988	915,729	1,033,086	1,201,600
28	Total exports to United States	—	—	—	—
29	Total exports to other provinces	—	—	3,550	6,361
30	Total demand for electric energy (27+28+29)	838,988	915,729	1,036,636	1,207,961

TABLE 16. Supply and Demand of Electric Energy 1949-60 - Continued
Alberta

1953	1954	1955	1956	1957	1958	1959	1960	No.
thousands of kilowatt-hours								
796,106	857,150	935,943	979,157	807,253	990,457	842,259	886,595	1
—	—	—	—	—	—	—	—	2
796,106	857,150	935,943	979,157	807,253	990,457	842,259	886,595	3
543,821	641,335	793,011	1,041,343	1,442,160	1,483,227	1,987,787	2,239,686	4
42,509	59,023	80,167	122,973	182,489	254,071	267,420	317,127	5
586,330	700,358	873,178	1,164,316	1,624,649	1,737,298	2,255,207	2,556,813	6
1,382,436	1,557,508	1,809,121	2,143,473	2,431,902	2,727,755	3,097,466	3,443,408	7
345	—	573	—	573	604	617	633	8
—	15,970	31,803	28,512	24,297	25,520	34,287	33,885	9
1,382,781	1,573,478	1,841,497	2,171,985	2,456,772	2,753,879	3,132,370	3,477,926	10
282,152	355,643	418,970	501,260	564,048	646,048	787,492	867,319	11
424,786	469,292	542,453	639,347	786,001	870,053	920,010	994,164	18
91,572	82,300	86,718	105,712	109,222	102,944	130,380	171,398	19
516,358	551,592	629,171	745,059	895,223	972,997	1,050,390	1,165,562	20
226,279	259,441	314,442	376,553	436,366	511,040	540,839	608,109	21
167,527	189,067	215,617	245,244	276,551	299,204	340,339	380,560	22
17,805	18,476	22,992	25,585	29,853	38,393	47,696	53,733	23
411,611	466,984	553,051	647,382	742,770	848,637	928,874	1,042,402	24
172,120	199,259	240,305	255,191	260,902	290,851	350,373	423,741	25
—	—	—	23,093	— 9,310	— 10,940	10,264	— 26,742	26
1,382,241	1,573,478	1,841,497	2,171,985	2,453,633	2,747,593	3,127,393	3,472,282	27
—	—	—	—	—	—	—	—	28
540	—	—	—	3,139	6,286	4,977	5,644	29
1,382,781	1,573,478	1,841,497	2,171,985	2,456,772	2,753,879	3,132,370	3,477,926	30

TABLE 16. Supply and Demand of Electric Energy 1949 - 60 -- Continued
British Columbia

	1949	1950	1951	1952	
	thousands of kilowatt-hours				
Supply of electric energy:					
Hydro-generation (net):					
1	Utilities	1,942,650	2,389,310	2,592,052	2,835,736
2	Industries	1,834,731	2,087,976	1,943,994	1,937,981
3	Totals	3,777,381	4,477,286	4,536,046	4,773,717
Thermal-generation (net):					
4	Utilities	123,442	106,064	92,750	119,162
5	Industries	299,272	337,148	405,703	489,640
6	Totals	422,714	443,212	498,453	608,802
7	Grand total generation (3 + 6)	4,200,095	4,920,498	5,034,499	5,382,519
8	Imports from the United States	26,062	1,350	7,677	18,310
9	Imports from other provinces	—	—	3,550	6,361
10	Total supply of electric energy (7 + 8 + 9)	4,226,157	4,921,848	5,045,726	5,407,190
Demand for electric energy:					
11	Residential and farm	491,897	607,427	690,904	788,168
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)	2,517,532	2,820,059	2,861,704	2,974,929
19	Mining consumption	283,578	315,213	277,412	327,924
20	Total industrial consumption (18 + 19)	2,801,110	3,135,272	3,139,116	3,302,853
Commercial and other consumption:					
21	At power rates	226,932	290,382	300,197	320,547
22	At commercial rates	262,435	309,356	337,972	374,645
23	Street lighting	28,970	31,771	32,930	34,421
24	Totals (21 + 22 + 23)	518,337	631,509	671,099	729,613
25	Line loss, free service and unaccounted for	310,840	339,258	345,427	372,989
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11 + 18 + 19 + 24 + 25)	4,122,184	4,713,466	4,846,546	5,193,623
28	Total exports to United States	93,981	191,952	188,248	210,046
29	Total exports to other provinces	9,992	16,430	10,932	3,521
30	Total demand for electric energy (27 + 28 + 29)	4,226,157	4,921,848	5,045,726	5,407,190

TABLE 16. Supply and Demand of Electric Energy 1949-60 - Continued
British Columbia

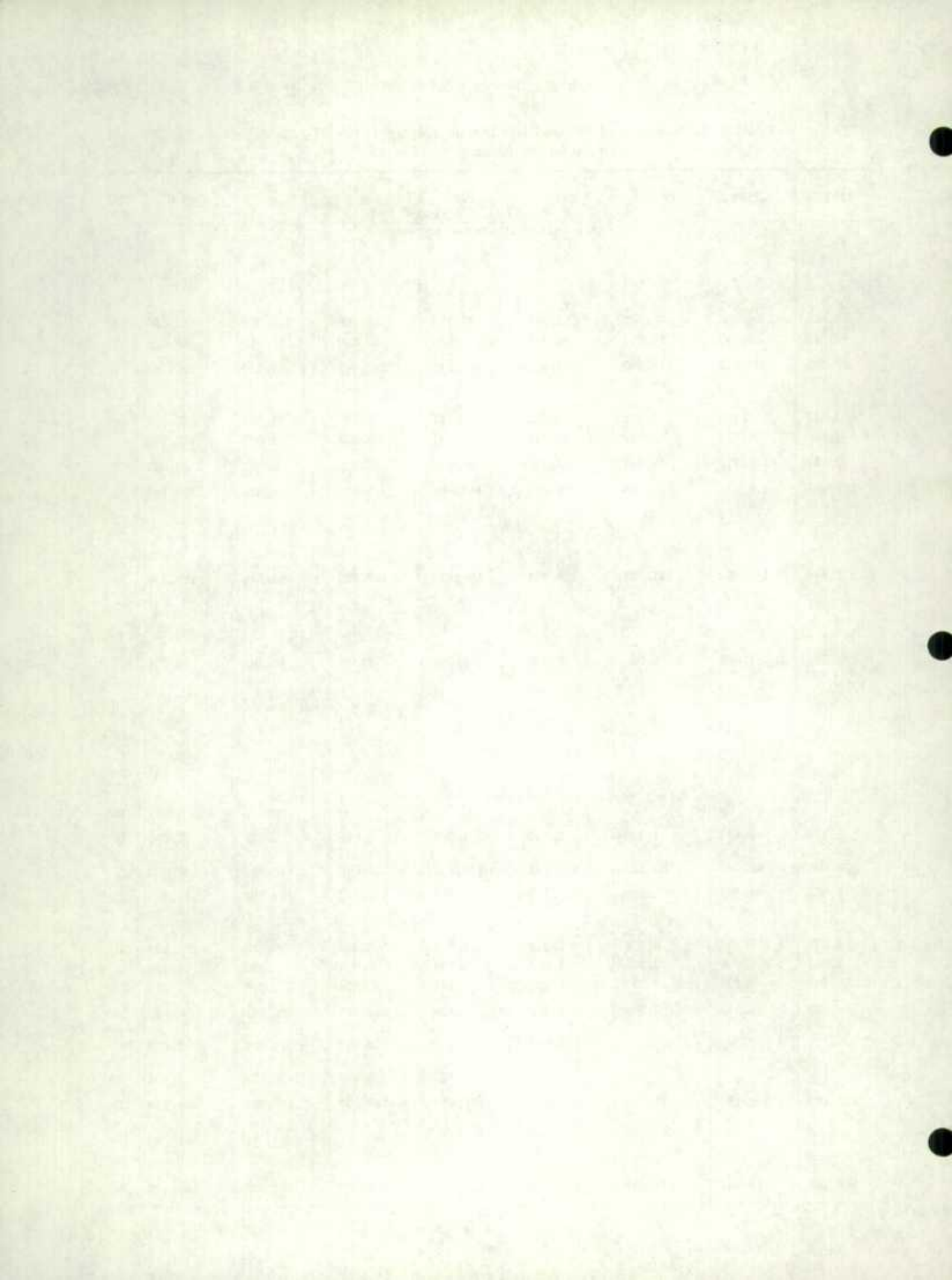
1953	1954	1955	1956	1957	1958	1959	1960	N°
thousands of kilowatt-hours								
3,252,495	3,354,547	3,797,185	4,074,749	4,118,052	5,308,059	5,781,342	5,985,887	1
2,092,634	2,876,739	3,952,138	5,275,809	5,998,284	5,946,684	5,919,897	6,614,607	2
5,345,129	6,231,286	7,749,323	9,350,558	10,116,336	11,254,743	11,701,239	12,600,494	3
87,998	92,073	126,123	147,084	147,422	172,629	195,391	219,158	4
534,182	520,541	540,857	573,086	460,279	455,331	476,587	588,731	5
622,180	612,614	666,980	720,170	607,701	627,960	671,978	807,889	6
5,967,309	6,843,900	8,416,303	10,070,728	10,724,037	11,882,703	12,373,217	13,408,383	7
4,165	4,393	22,233	51,906	541,378	16,159	28,519	53,102	8
540	—	—	—	3,139	2,081	1,803	3,024	9
5,972,014	6,848,293	8,438,536	10,122,634	11,268,554	11,900,943	12,403,539	13,464,509	10
902,341	1,063,647	1,256,002	1,445,059	1,657,619	1,775,996	1,963,660	2,102,048	11
3,279,168	4,005,886	5,162,816	6,497,356	7,278,259	7,753,154	8,134,543	9,048,364	18
328,842	383,618	398,147	408,014	420,969	342,878	312,097	340,675	19
3,608,010	4,389,504	5,560,963	6,905,370	7,699,228	8,096,032	8,446,640	9,389,039	20
275,662	325,118	354,597	321,351	208,764	247,973	294,944	270,991	21
399,621	443,823	510,228	556,576	798,711	867,938	718,117	791,403	22
38,346	41,826	44,592	54,296	57,218	61,353	63,485	71,680	23
713,629	810,767	909,417	932,223	1,064,693	1,177,264	1,076,546	1,134,074	24
439,267	418,327	533,543	767,651	789,310	830,092	841,531	803,810	25
—	—	—	24,148	20,863	— 16,675	25,142	— 16,265	26
5,663,247	6,682,245	8,259,925	10,074,451	11,231,713	11,862,709	12,353,519	13,412,706	27
308,767	150,078	146,808	19,671	12,544	12,714	13,930	17,918	28
—	15,970	31,803	28,512	24,297	25,520	34,287	33,885	29
5,972,014	6,848,293	8,438,536	10,122,634	11,268,554	11,900,943	12,401,736	13,464,509	30

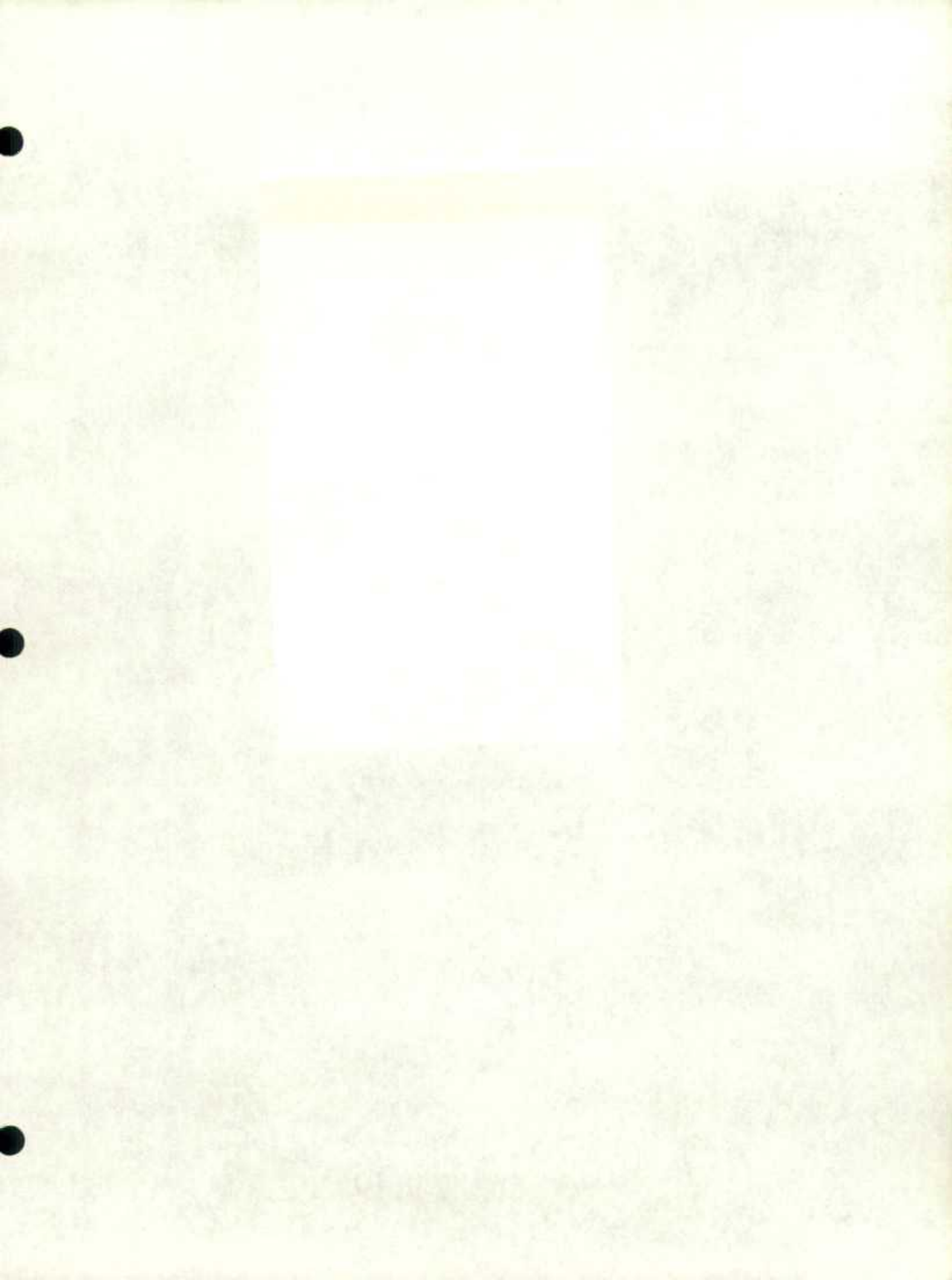
TABLE 16. Supply and Demand of Electric Energy 1947-60 — Concluded
Yukon and Northwest Territories

No.		1949	1950	1951	1952
		thousands of kilowatt-hours			
	Supply of electric energy:				
	Hydro-generation (net):				
1	Utilities	15,827	26,731	30,762	38,008
2	Industries	68,170	46,544	47,011	51,361
3	Totals	83,997	73,275	77,773	89,369
	Thermal-generation (net):				
4	Utilities	1,226	1,012	1,275	1,310
5	Industries	10,575	10,543	10,327	10,716
6	Totals	11,801	11,555	11,602	12,026
7	Grand total generation (3+6)	95,798	84,830	89,375	101,395
8	Imports from United States	—	—	—	—
9	Imports from other Provinces	—	—	—	—
10	Total supply of electric energy (7+8+9).....	95,798	84,830	89,375	101,395
	Demand for electric energy:				
11	Residential and farm	2,073	2,515	2,677	3,118
	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)	608	572	370	799
19	Mining consumption	71,963	59,164	57,877	82,015
20	Total industrial consumption (18+19).....	72,571	59,736	58,247	82,814
	Commercial and other consumption:				
21	At power rates	14,643	17,329	21,816	7,994
22	At commercial rates	1,507	1,678	2,147	2,915
23	Street lighting	198	150	248	193
24	Total (21+22+23)	16,348	19,157	24,211	11,102
25	Line loss, free service and unaccounted for.....	4,806	3,422	4,240	4,361
26	Residual error of estimate	—	—	—	—
27	Total provincial demand (11+18+19+24+25).....	95,798	84,830	89,375	101,395
27	Total exports to United States	—	—	—	—
28	Total exports to other provinces	—	—	—	—
29	Total demand for electric energy (27+28+29)	95,798	84,830	89,375	101,395

TABLE 16. Supply and Demand of Electric Energy 1949-60 - Concluded
Yukon and Northwest Territories

1953	1954	1955	1956	1957	1958	1959	1960	No.
thousands of kilowatt-hours								
52,622	54,958	60,826	62,283	69,162	88,090	105,270	111,734	1
46,563	48,445	54,771	52,388	52,479	53,629	48,855	48,058	2
99,185	103,403	115,597	114,671	121,641	141,719	154,125	159,792	3
1,441	1,892	3,259	1,873	4,247	7,491	11,692	17,984	4
10,860	10,887	12,482	12,937	31,101	18,827	19,009	11,343	5
12,301	12,779	15,741	14,810	35,348	26,318	30,701	29,327	6
111,486	116,182	131,338	129,481	156,989	168,037	184,826	189,119	7
-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	9
111,486	116,182	131,338	129,481	156,989	168,037	184,826	189,119	10
3,554	7,695	9,339	8,646	7,268	8,536	10,201	13,270	11
								12
								13
								14
								15
								16
								17
1,147	1,441	1,410	1,421	1,789	1,986	2,479	2,590	18
90,806	95,740	108,113	104,002	116,005	127,086	110,879	110,552	19
91,953	97,181	109,523	105,423	117,794	129,072	113,358	113,142	20
5,837	6,353	6,836	2,399	1,296	8,456	38,369	35,626	21
3,865	1,938	2,301	2,682	8,138	5,817	14,082	14,139	22
200	224	212	229	192	214	198	262	23
9,902	8,515	9,349	5,310	9,626	14,487	52,649	50,027	24
6,077	2,791	3,127	9,031	2,448	12,392	11,589	9,226	25
-	-	-	1,071	19,853	3,550	- 2,971	3,454	26
111,486	116,182	131,338	129,481	156,989	168,037	184,826	189,119	27
-	-	-	-	-	-	-	-	28
-	-	-	-	-	-	-	-	29
111,486	116,182	131,338	129,481	156,989	168,037	184,826	189,119	30





count
0

BF

DATE DUE
DATE DE RETOUR

NOV 13 1978		
SEP 7 1984		
200-00 FF		
AUG 8 1985		
FEB 21 1986		
FEB 26 1987		
JUL 19 1988		

198 count 57W
78 - 1 copy 57W

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010699770