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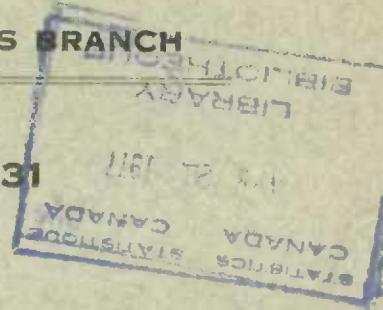


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Canada DOMINION BUREAU OF STATISTICS

TRANSPORTATION & PUBLIC UTILITIES BRANCH

CENSUS OF INDUSTRY, 1931



CENTRAL ELECTRIC STATIONS

IN CANADA

(Prepared in collaboration with the
Dominion Water Power and Hydrometric
Bureau, Department of the Interior)

Published by Authority of the HON. H. H. STEVENS, M. P.,
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2 May '35

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH

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CENTRAL ELECTRIC STATION INDUSTRY, 1931

Due to the necessity of curtailing expenses this report for 1931 has been abridged, particularly in the analysis of the data. The basic data of the tables have been retained so that records of engineers and other interested persons will not be impaired. The reader is referred to previous reports for definitions of the various terms, divisions and classifications which are unchanged in this report.

The total output of all stations during 1931 amounted to 16,330,867,000 kilowatt hour which was a decrease of 1,762,935,000 kilowatt hours, or 9.7 per cent, from the previous year's output. When the decrease in energy produced for export is deducted the output available for use in Canada was less than for 1930 by 1,374,070 kilowatt hours, or 8.4 per cent. This reduction, of course, was due to the business depression and would have been worse but for the increase in lighting customers.

The exports and quantities produced for export are shown below. The differences in these two sets of figures are the line losses between the power plant and the point of export. The export tax for the fiscal year ended March 31, 1932, amounted to \$183,537, as against \$395,544 for the previous year.

KILOWATT HOURS GENERATED BY EXPORTING STATIONS, PRODUCED FOR EXPORT AND EXPORTED TO THE UNITED STATES, 1931

Company	Total Output	Produced for Export	Exported
	Kilowatt Hours	Kilowatt Hours	Kilowatt Hours
Hydro Electric Power Commission of Ontario	2,401,867,200	370,878,300	366,303,300
Hydro Electric Power Commission of Ontario (Surplus).	172,036,100	172,036,100	169,152,943
Cedar Rapids Manufacturing and Power Co., Ltd.	716,877,271	410,257,488	389,071,521
Canadian Niagara Power Company, Ltd.	490,148,000	293,685,700	277,815,131
Canadian Niagara Power Company, Ltd. (Surplus)	1,630,300	1,630,300	1,630,300
Western Power Company of Canada, Ltd.	345,389,700	5,951	5,700
Ontario and Minnesota Power Company, Ltd.	14,265,232	8,510,400	8,510,400
Maine and New Brunswick Electrical Power Company	16,657,397	13,966,498	12,244,594
British Columbia Electric Railway Co., Ltd.	80,092,300	129,157	95,057
Northport Power and Light Company	283,797	283,797	283,797
Maritime Electric Company, Ltd.	1,965,200	289,818	289,818
Southern Canada Power Company	14,390,800	505,580	464,797
Northern British Columbia Power Company	344,694	57,580	57,580
The International Railway Company	2,641,400	652,448	652,448
Fraser Companies, Ltd.	8,328,900	8,306,300	8,289,000
Detroit and Windsor Subway Company	(Purchased)	458,400	458,400
TOTAL	4,266,918,291	1,281,658,817	1,235,824,786
Kilowatt hours produced for export and exported by central electric stations only	4,258,589,391	1,273,347,517	1,227,035,786

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Below is a table compiled by the Dominion Water Power and Hydrometric Bureau showing the potential water power on two bases and the capacity of equipment installed at the close of 1931 and 1932.

POTENTIAL AND DEVELOPED WATER POWER IN CANADA

Province	Available 24-hour power at 80% efficiency		Turbine Installation	
	At Ordinary Minimum Flow	At Ordinary Six Months Flow	1931	1932
			(4)	(5)
(1)	(2)	(3)		
	H.P.	H.P.	H.P.	H.P.
Prince Edward Island	3,600	5,300	2,439	2,439
Nova Scotia	20,800	128,300	111,999	112,167
New Brunswick	68,600	169,100	133,681	133,681
Quebec	8,459,000	13,064,000	3,100,330	3,357,320
Ontario	5,330,000	6,940,000	2,145,205	2,208,105
Manitoba	3,309,000	5,344,500	390,925	390,925
Saskatchewan	542,000	1,082,000	42,035	42,035
Alberta	390,000	1,049,500	70,532	71,597
British Columbia	1,931,000	5,103,500	655,992	713,792
Yukon and Northwest Territories	294,000	731,000	13,199	13,199
CANADA	20,347,400	33,617,200	6,666,337	7,045,260

The figures in columns 2 and 3 are based only upon rapids, falls and power sites of which the actual drop or head possible of concentration is definitely known or reasonably well established. Many water-powers of greater or less capacity from coast to coast have not yet been recorded which will increase the totals.

With the construction of storage basins and other regulating works these potential power figures will be further increased. It is common practice, and feasible in most developments, to install equipment with capacity considerably greater than the theoretical continuous power of the water fall and on this basis it is estimated that the maximum installation capacity of the recorded water-powers of Canada is 43,700,000 horse-power, or approximately 6.2 times the 1932 installation.

The greater part (86 per cent) of this hydraulic power is in central electric stations, but the pulp and paper mills contain 9 per cent and this industry also purchases enormous quantities of power from the central electric stations; the power houses of several large mills are operated as central electric stations. During 1931 pulp and paper mills purchased 5,166,000,000 kilowatt hours from central electric stations, or nearly one-third of their total output. After deducting line losses and exports to the United States, these purchases would probably be 40 per cent of the total consumption by all classes of consumers. The increase in consumption by the pulp and paper industry has been rapid, the capacity of motors driven by purchased power increasing by over 300 per cent since 1923 and aggregating 1,007,240 horse-power in 1931. The consumption in electric boilers has also increased very rapidly, especially in recent years, and in 1931 boilers with a rated capacity of 883,450 kilowatts consumed 2,032,283,000 kilowatt hours, or 39 per cent of the total power purchased by the mills. The electro-chemical plants in Canada are also large consumers of electric energy and during 1931 purchased 2,223,000,000 kilowatt hours from central electric stations which was 13.6 per cent of the total output. There were sixteen electro-chemical plants which purchased power and three of them, the Aluminum Company of Canada at Arvida and Shawinigan, Quebec, the Consolidated Mining and Smelting Company at Trail, British Columbia, and the American Cyanamid Company at Niagara Falls, Ontario, purchased 1,508,000,000 kilowatt hours.

Both the number and average consumption of domestic customers have also increased steadily and the consumption averaged 1,170 kilowatt hours per customer in 1931. Flat rates as low as \$2.00 per kilowatt per month for water heaters in Winnipeg were a large factor in the high average of 3,610 kilowatt hours per annum per domestic customer in Manitoba. In the majority of municipalities in Ontario all electricity for domestic use is measured through one meter on block meter rates and the net rate for the third block is as low as .9 cent in a large number of municipalities and even lower in a few. These low rates affected the average consumption for Ontario which was 1,497 kilowatt hours. The averages for the other provinces in kilowatt hours were: British Columbia, 880; Saskatchewan, 806; Quebec, 595; Alberta, 531; New Brunswick, 520; Nova Scotia, 423; and Prince Edward Island, 337. The average revenue per kilowatt hour for domestic service for all Canada was 2.25 cents, as compared with 5.78 cents in the United States. Manitoba had the lowest average of 1.04 cents and for the other provinces the averages were: Ontario, 1.78 cents; British Columbia, 3.01 cents; Quebec, 3.62 cents; Saskatchewan, 5.09 cents; Alberta, 5.70 cents; New Brunswick, 5.10 cents; Nova Scotia, 6.02 cents, and Prince Edward Island, 8.98 cents.

There have been increasing amounts of power exported from Quebec to Ontario, but the exports to the United States have decreased during the past two years, especially exports of surplus power from the Niagara plants. The following table shows the actual consumptions, including the line losses within each province, computed by adding the provincial imports to the production figures and deducting the exports.

CONSUMPTION OF ELECTRIC ENERGY (INCLUDING LINE LOSSES)
(Thousands of Kilowatt Hours)

Province	1931	1930	Increase + Decrease -		Per Cent
			Kilowatt Hours	Per Cent	
Prince Edward Island	4,413	3,591	+ 822	22.9	
Nova Scotia	257,573	223,421	+ 34,152	15.3	
New Brunswick	383,614	313,521	+ 70,093	22.4	
Quebec	6,358,822	7,278,438	- 919,616	12.6	
Ontario	5,446,945	6,110,732	- 663,787	10.9	
Manitoba	1,084,919	991,348	+ 93,571	9.4	
Saskatchewan	134,014	137,217	- 3,203	2.3	
Alberta	205,305	204,271	+ 1,034	.5	
British Columbia and Yukon	1,225,385	1,217,417	+ 7,968	.7	
CANADA	15,100,990	16,479,956	- 1,378,966	8.4	

Table 1 - Comparative Summary, 1931 - 1923

Principal Data by Class of Station	1931	1930	1929	1928	
Electric Power Plants-					
Total	559	587	585	601	
Hydraulic	307	311	300	300	
Fuel	252	276	285	301	
Commercial	396	421	420	428	
Municipal	163	166	165	173	
Capital					
Total	\$ 1,229,938,951	1,138,200,016	1,055,731,532	956,919,603	
Commercial	785,915,480	723,890,071	685,771,270	614,910,399	
Municipal	444,073,471	414,309,945	369,960,262	342,009,204	
Generating	\$ 1,092,292,089	995,701,285	926,103,973	835,422,031	
Non-generating	\$ 137,696,862	142,498,731	129,627,559	121,497,572	
Revenue (1)					
Total	\$ 122,310,730	126,038,145	122,883,446	112,326,819	
Commercial	\$ 72,103,930	73,261,572	70,874,794	64,575,700	
Municipal	\$ 50,206,800	52,776,573	52,008,652	47,751,119	
Generating	\$ 101,475,523	104,632,540	102,704,833	92,722,293	
Non-generating	\$ 20,835,207	21,405,605	20,178,613	19,604,526	
Expenses (2)					
Total	\$ 75,235,767	74,209,469	67,432,418	62,330,860	
Commercial	\$ 32,418,131	33,712,063	31,888,591	30,961,337	
Municipal	\$ 42,817,636	40,497,406	35,543,827	31,369,523	
Generating	\$ 41,336,873	40,646,659	36,713,723	33,837,618	
Non-generating	\$ 33,898,994	33,562,310	30,718,695	28,493,242	
Pole Line Mileage-					
Total	52,399	48,814	42,913	37,333	
Commercial	24,299	23,614	22,356	18,375	
Municipal	28,100	25,200	20,557	18,458	
Generating	39,709	35,707	30,718	25,524	
Non-generating	12,690	13,107	12,195	11,809	
Customers-					
Total	1,632,792	1,607,766	1,555,383	1,464,005	
Domestic Service	1,336,721	1,317,324	(3) 1,292,431	1,207,457	
Commercial Light	244,634	238,847	(4) 233,854	215,728	
Power (small)	25,913	24,836	(28,001	(40,820	
Power (large)	23,583	25,150	(1,547	(-	
Street lighting	1,941	(5) 1,724	...	...
Commercial Stations	758,285	745,608	733,698	677,223	
Municipal Stations	874,507	862,158	822,185	786,782	
Generating Stations	835,460	814,268	796,298	728,872	
Non-generating Stations	797,332	793,498	759,585	735,133	
Electric Energy Generated-					
Total Kilowatt Hours(thousands)	16,330,867	18,093,802	17,962,515	16,337,804	
Commercial	12,191,139	12,937,014	12,774,107	11,460,974	
Municipal	4,139,707	5,156,788	5,188,408	4,876,830	
Exports of Electricity to the					
United States (thousands) Kw.H.	1,227,036	1,612,281	1,444,524	1,587,761	
Imports of Electricity from the					
United States (thousands) Kw.H.	5,446	5,757	6,133	5,223	
Equipment in Generating Stations (Main Plant Only)-					
Total Primary Power H.P.	5,706,757	5,401,108	4,925,555	4,627,667	
Total in Commercial Stns. H.P.	4,046,810	3,794,819	3,523,625	3,268,350	
Total in Municipal Stns. H.P.	1,659,947	1,606,289	1,401,930	1,359,317	
Total Secondary Power K.V.A.	4,727,376	4,474,865	4,048,019	3,764,331	
Total in Commercial Stns. K.V.A.	3,388,926	3,181,428	2,940,210	2,690,097	
Total in Municipal Stns. K.V.A.	1,338,450	1,293,437	1,107,809	1,074,234	
Auxiliary Plant Equipment-					
Primary Power .....H.P.	184,043	171,453	171,888	159,233	
Secondary Power .....K.V.A.	157,221	145,678	146,251	135,440	

(1) Duplicates excluded.

(2) Includes wages, cost of power and fuel for 1931 - 1923 and for 1931-1925 taxes, but not other expenses.

Table 1 - Comparative Summary, 1931 - 1923

	1927	1926	1925	1924	1923	Per cent Increase 1931 over 1923
	629	595	563	532	532	5.1
	302	294	284	273	269	14.1
	327	301	279	259	263	4.2
	432	393	365	333	335	18.2
	197	202	198	199	197	17.3
	866,825,285	756,220,066	726,721,087	628,565,093	581,780,611	111.4
	528,070,964	430,817,426	409,362,801	326,554,580	307,046,240	156.0
	338,754,321	325,402,640	316,858,236	302,010,513	274,734,371	61.6
	750,703,270	647,850,154	625,970,883	532,016,164	489,085,939	123.3
	116,122,015	108,369,912	100,750,204	96,548,929	92,694,672	48.5
	104,033,297	88,933,733	79,341,584	74,616,863	67,496,893	82.3
	59,320,175	47,911,555	42,195,543	39,033,665	37,040,835	94.7
	44,713,122	41,022,178	37,146,041	35,583,198	30,456,058	67.2
	86,369,058	72,123,290	63,547,553	59,861,915	52,681,003	92.6
	17,664,239	16,910,443	15,794,031	14,754,948	14,815,890	45.5
	60,169,781	52,766,799	47,635,531	40,887,779	41,067,329	...
	28,704,496	24,622,619	21,325,649	16,777,557	15,319,394	...
	31,465,285	28,144,130	26,309,882	24,110,222	25,747,935	...
	31,920,941	27,655,269	24,857,279	20,193,257	20,992,105	...
	28,248,840	25,111,530	22,778,252	20,689,522	20,075,224	...
	33,573	29,695	27,653	26,654	23,560	122.4
	16,747	14,257	13,047	12,102	11,146	118.0
	16,826	15,438	14,606	14,552	12,414	126.4
	23,246	20,005	18,372	17,340	14,405	175.7
	10,327	9,690	9,281	9,314	9,155	38.6
	1,381,968	1,337,562	1,279,731	1,200,950	1,112,547	46.7
	1,142,512	1,110,637	1,063,530	989,510	920,223	...
	199,431	188,553	180,994	176,444	159,929	...
	(40,025	(38,372	(35,207	(34,996	(32,395	...
	(-	(-	(-	(-	(-	...

	622,823	584,760	559,172	521,064	496,591	52.7
	759,145	752,802	720,559	679,886	615,956	42.0
	699,374	680,717	653,032	610,206	547,928	52.5
	682,094	656,845	626,699	590,744	564,619	41.2
	14,549,099	12,093,445	10,110,459	9,315,277	8,099,192	101.6
	9,944,422	7,797,480	6,527,103	6,024,312	5,074,120	140.3
	4,604,677	4,295,965	3,583,356	3,290,965	3,025,072	36.8
	1,632,614	1,506,002	1,285,540	1,302,317	1,343,501	- 8.7
	5,020	5,354	...	...	...	...
	4,173,349	3,769,323	3,569,527	2,849,450	2,423,845	135.4
	2,797,055	2,423,244	2,243,318	1,701,793	1,451,498	178.8
	1,375,294	1,346,079	1,326,209	1,147,657	972,347	70.7
	3,385,227	2,995,387	2,844,709	2,282,046	1,861,845	153.9
	2,297,005	1,938,048	1,803,545	1,401,471	1,140,945	197.0
	1,088,222	1,057,339	1,041,164	880,575	720,900	85.7
	145,047	176,865	173,170	168,102	149,572	23.0
	121,863	145,828	142,421	136,755	121,832	29.0

(3) Farm service is included with domestic service.

(4) Includes small power customers in 1929.

(5) Revised.

Table 2 - Electric Power Plants, 1931

	Canada	Prince Edward Island	Nova Scotia	New Brunswick	
<u>Total Number of Generating Stations</u>	559	11	48	19	
Per cent of total for Canada.	100.00	1.97	8.59	3.40	
<u>Commercial</u>	396	9	24	15	
Hydraulic	208	8	13	4	
Fuel	188	1	11	11	
<u>Municipal</u>	163	2	24	4	
Hydraulic	99	..	19	3	
Fuel	64	2	5	1	
With water wheels and turbines	307	8	32	7	
With steam engines only	39	..	2	6	
With steam turbines only	17	1	6	1	
With gas or oil engines only..	184	2	7	4	
With both steam engines and turbines	10	..	1	1	
With both steam and gas or oil engines	2	..	..	..
With alternating current dynamos only	422	10	45	13	
With direct current dynamos only	132	1	3	5	
With both alternating and direct current dynamos	5	..	..	1	
<u>Commercial Organizations ,....</u>	x 350	8	28	24	
Number generating power	274	7	14	13	
Number buying power for redistribution	75	1	14	11	
<u>Municipalities</u>	x 460	2	30	14	
Number generating power	82	2	13	4	
Number buying power for redistribution	377	..	17	10	
<u>Auxiliary Plants</u>	61	2	6	5	
To Hydraulic Stations	46	2	3	1	
To Non-generating Stations ...	15	..	3	4	

x - Organizations operating in two or more provinces are not shown under provinces,
but are included in total.

Table 2 - Electric Power Plants, 1931

	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and Yukon
	96	125	28	119	56	57
	17.17	22.36	5.01	21.29	10.02	10.19
	83	63	13	93	47	49
	81	60	3	..	5	34
	2	3	10	93	42	15
	13	62	15	26	9	8
	12	58	2	..	1	4
	1	4	13	26	8	4
	93	118	5	..	6	38
	..	5	4	1	14	7
	1	..	..	4	2	2
	1	2	16	111	31	10
	1	..	2	3	2	..
	..	..	1	..	1	..
	94	120	21	43	29	47
	1	5	6	76	26	9
	1	..	1	..	1	1
	62	52	14	73	46	42
	43	43	10	71	40	33
	19	9	4	2	6	9
	26	319	17	20	15	16
	9	19	10	13	6	6
	17	300	7	7	9	10
	8	11	3	..	10	16
	8	8	3	..	8	13
	..	3	..	..	2	3

Table 3 - Capital, 1931

	Canada	Prince Edward Island	Nova Scotia	New Brunswick	
	\$	\$	\$	\$	
<u>Total Capital</u>	1,229,988,951	1,095,885	28,328,512	30,588,422	
Per cent of total for Canada	100.00	0.09	2.30	2.49	
Generation	736,155,126	601,117	17,642,126	21,706,709	
Transmission	201,213,899	...	3,739,405	3,568,565	
Distribution	212,737,118	389,287	5,082,170	3,754,859	
General	79,882,806	105,481	1,864,811	1,558,289	
<u>Total Capital in Commercial</u>					
<u>Stations</u>	785,915,480	945,862	12,617,477	22,309,985	
Generation	534,713,529	508,677	4,892,127	17,652,561	
Transmission	105,275,514	...	2,401,279	1,851,725	
Distribution	90,759,360	349,609	3,861,383	1,610,253	
General	55,167,077	87,576	1,462,678	1,195,446	
Non-generating stations	33,846,511	6,000	2,041,417	1,443,062	
Generating stations	752,068,969	939,862	10,576,060	20,866,923	
Hydraulic stations	726,079,697	143,205	3,470,369	16,820,247	
Fuel stations	25,989,272	796,657	7,105,691	4,046,676	
<u>Total Capital in Municipal</u>					
<u>Stations</u>	444,073,471	150,023	15,711,035	8,278,437	
Generation	201,441,599	92,440	12,749,989	4,054,148	
Transmission	95,938,385	...	1,332,126	1,716,840	
Distribution	121,977,758	39,678	1,220,787	2,144,606	
General	24,715,729	17,905	402,133	362,843	
Non-generating stations	103,850,351	...	1,143,361	1,482,844	
Generating stations	340,223,120	150,023	14,567,674	6,795,593	
Hydraulic stations	320,447,716	...	14,094,363	6,689,815	
Fuel stations	19,775,404	150,023	473,311	105,778	
<u>Total Capital in Non-generating</u>					
<u>Stations</u>	137,696,862	6,000	3,184,773	2,925,906	
Generation	723,925	...	155,936	314,598	
Transmission	7,074,415	...	310,640	243,623	
Distribution	112,324,687	6,000	2,293,297	1,824,327	
General	17,573,835	...	424,905	543,358	
<u>Total Capital in Generating</u>					
<u>Stations</u>	1,092,292,089	1,089,885	25,143,734	27,662,516	
Generation	735,431,203	601,117	17,486,190	21,392,111	
Transmission	194,139,484	...	3,428,765	3,324,942	
Distribution	100,412,431	383,287	2,788,873	1,930,532	
General	62,308,971	105,481	1,439,906	1,014,931	
Hydraulic Stations	1,046,527,413	143,205	17,564,732	23,510,062	
Fuel Stations	45,764,676	946,680	7,579,002	4,152,454	
<u>TOTAL CAPITAL</u>					
Average per H.P. of primary power	216	198	224	241	
Av. per H.P. including auxiliary equip.	209	195	218	223	
Av. per K.W.A. of dynamo capacity	260	222	277	285	
Av. per K.W.A. including auxiliary equip.	252	222	271	265	
<u>Generation</u>					
Average cost per H.P. (including auxiliary equipment)-					
In all generating stations...	125	107	135	156	
In hydraulic stations	127	138	177	164	
In fuel stations	84	103	70	129	

Table 3 - Capital, 1931

	Quebec	Ontario	Manitoba	Saskat-chewan	Alberta	British Columbia and Yukon
	\$	\$	\$	\$	\$	\$
	495,841,547	463,410,859	x 66,235,343	x 25,401,277	27,556,419	91,530,687
	40.31	37.68	5.38	2.07	2.24	7.44
	350,000,238	236,559,266	34,592,266	12,347,726	13,138,172	49,567,508
	64,514,879	98,149,219	9,872,537	3,865,783	6,546,376	10,957,135
	45,546,798	103,652,482	17,066,006	7,462,318	6,904,457	22,878,741
	35,779,632	25,049,892	4,704,534	1,725,450	967,414	8,127,303
	488,348,629	106,418,196	32,298,191	12,291,630	21,250,634	89,434,876
	345,871,862	78,662,679	21,451,262	6,129,732	10,753,343	48,791,276
	64,189,591	13,404,831	4,321,586	1,822,134	6,402,940	10,881,428
	42,839,093	8,340,999	5,288,288	3,380,732	3,377,081	21,711,922
	35,448,083	6,009,687	1,237,055	959,032	717,270	8,050,250
	3,172,714	2,810,489	873,309	1,710,154	82,263	21,707,103
	485,175,915	103,607,707	31,424,682	10,581,476	21,168,371	67,727,773
	485,112,788	103,580,073	31,019,949	...	18,601,817	67,331,249
	63,127	27,634	404,933	10,581,476	2,566,554	396,524
	7,492,918	356,992,663	33,937,152	13,109,647	6,305,785	2,095,811
	4,128,376	157,896,587	13,141,004	6,217,994	2,384,829	776,232
	325,288	84,744,388	5,550,951	2,043,649	143,436	75,707
	2,707,705	95,311,483	11,777,718	4,081,586	3,527,376	1,166,819
	331,549	19,040,205	3,467,479	766,418	250,144	77,053
	814,587	92,188,811	3,376,608	1,828,388	2,048,925	966,827
	6,678,331	264,803,852	30,560,544	11,281,259	4,256,860	1,128,984
	5,227,861	264,644,594	28,533,224	...	237,481	1,020,378
	1,450,470	159,258	2,027,320	11,281,259	4,019,379	108,606
	3,987,301	94,999,300	4,249,917	3,538,542	2,131,188	22,673,930
	...	102,396	...	...	67,912	83,083
	1,290,730	1,058,771	1,915,466	787,721	81,303	1,386,161
	2,474,099	82,590,588	1,960,405	2,479,396	1,946,656	16,749,919
	222,472	11,247,545	374,046	271,425	35,317	4,454,767
	491,854,246	368,411,559	61,985,426	21,862,735	25,425,231	68,856,757
	350,000,238	236,456,870	34,592,266	12,347,726	13,070,260	49,484,425
	63,224,149	97,090,448	7,957,071	3,078,062	6,465,073	9,570,974
	43,072,699	21,061,894	15,105,601	4,982,922	4,957,801	6,128,822
	35,557,160	13,802,347	4,330,488	1,454,025	932,097	3,672,536
	490,340,649	368,224,667	59,53,173	...	18,839,298	68,351,627
	1,513,597	186,892	2,432,253	21,862,735	6,585,933	505,130
	197	261	171	188	215	181
	195	255	160	188	183	165
	230	322	216	221	263	235
	227	315	200	221	222	212
	137	130	84	91	87	89
	137	130	83	..	111	89
	117	129	121	91	51	87

x - Capital invested in one hydraulic station in Saskatchewan included under "Manitoba."

Table 4 - Revenue, 1931

	Canada	Prince Edward Island	Nova Scotia	New Brunswick	
	\$	\$	\$	\$	
<u>REVENUES</u>					
<u>Revenue from sale of electric energy</u>	122,310,730	270,445	3,954,158	2,931,097	
Per cent of total for Canada	100.00	0.22	3.23	2.40	
For domestic service	35,259,391	120,606	1,151,609	901,325	
For commercial light	20,655,553	74,795	749,296	480,725	
For power (small)	5,239,846	33,023	417,098	199,164	
For power (large)	56,381,609	23,028	1,443,288	1,241,827	
For street lighting	4,774,331	18,993	192,867	108,056	
<u>Revenue of Commercial Stations</u>	72,103,930	217,323	2,337,942	2,107,581	
Non-generating	5,221,503	537	517,495	272,654	
Generating	66,882,427	216,786	1,820,447	1,834,927	
Hydraulic	62,313,908	33,928	406,788	1,194,601	
Fuel	4,568,519	182,858	1,413,659	640,326	
<u>Revenue of Municipal Stations</u>	50,206,800	53,122	1,616,216	823,516	
Non-generating	15,613,704	...	298,698	308,910	
Generating	34,593,096	53,122	1,317,518	514,606	
Hydraulic	29,828,159	...	1,148,070	481,957	
Fuel	4,764,937	53,122	169,448	32,649	
Revenue of non-generating stations....	20,835,207	537	816,193	581,564	
Revenue of generating stations	101,475,523	269,908	3,137,965	2,349,533	
Revenue of hydraulic stations	92,142,067	33,928	1,554,858	1,676,558	
Revenue of fuel stations	9,333,456	235,980	1,583,107	672,975	
Average net revenue per H.P. of primary power	21.43	48.93	31.30	23.12	
Average net revenue per H.P. in main and auxiliary plants	20.76	48.02	30.47	21.37	
Average net revenue per K.V.A. of dynamo capacity	25.87	54.87	38.73	27.27	
Average net revenue per K.V.A. in main and auxiliary plants	25.04	54.87	37.78	25.39	
Average net revenue per kilowatt hour of all stations (cents)	0.75	6.13	1.54	0.72	
Average net revenue per domestic service customer	26.38	30.30	25.45	26.54	
Average net revenue per commercial light customer	84.43	81.12	86.25	84.78	
Average net revenue per small power customer	202.22	201.36	251.72	188.96	
Average net revenue per large power customer	2,390.77	794.07	14,012.50	9,934.62	
Average net revenue per kilowatt hour- domestic and farm services (cents)	2.25	8.98	6.02	5.10	
Average net revenue per kilowatt hour- commercial light .....(cents)	2.71	8.32	5.80	4.01	

Table 4 - Revenue, 1931

	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and Yukon
	\$	\$	\$	\$	\$	\$
	42,010,665	46,542,982	6,778,905	4,454,617	4,674,857	10,693,004
	34.35	38.06	5.54	3.64	3.82	8.74
	8,100,380	15,448,069	2,679,138	1,809,029	1,721,292	3,327,943
	5,545,055	7,644,978	1,437,935	1,229,175	1,174,132	2,319,462
	2,428,744	517,039	307,511	624,862	505,785	206,620
	24,710,558	20,964,502	2,120,859	493,764	993,806	4,390,477
	1,225,928	1,968,394	283,462	297,787	280,342	448,502
	40,779,377	9,200,055	3,319,105	1,691,229	2,364,815	10,086,503
	326,131	166,484	126,235	144,984	33,594	3,633,389
	40,453,246	9,033,571	3,192,870	1,546,245	2,331,221	6,453,114
	40,436,165	9,026,157	3,127,466	...	1,765,080	6,323,723
	17,081	7,414	65,404	1,546,245	566,141	129,391
	1,231,288	37,342,927	3,459,800	2,763,388	2,310,042	606,501
	253,673	12,688,015	348,988	508,657	873,085	333,678
	977,615	24,654,912	3,110,812	2,254,731	1,436,957	272,823
	722,364	24,605,552	2,637,154	...	31,003	202,059
	255,251	49,360	473,658	2,254,731	1,405,954	70,764
	579,804	12,854,499	475,223	653,641	906,679	3,967,067
	41,430,861	33,688,483	6,303,682	3,800,976	3,768,178	6,725,937
	41,158,529	33,631,709	5,764,620	...	1,796,083	6,525,782
	272,332	56,774	539,062	3,800,976	1,972,095	200,155
	16.68	26.22	17.54	32.99	36.42	21.18
	16.48	25.64	16.40	32.99	31.04	19.26
	19.45	32.39	22.12	38.81	44.66	27.40
	19.22	31.65	20.45	38.81	37.70	24.73
	0.52	0.95	0.62	3.32	2.38	0.87
	21.56	26.65	37.56	41.04	30.26	26.47
	79.05	85.16	89.56	80.23	73.81	104.74
	242.44	198.40	116.57	234.12	140.38	137.38
	10,291.78	1,372.11	937.60	6,250.18	2,684.61	1,495.90
	3.62	1.78	1.04	5.09	5.70	3.01
	3.35	2.02	1.89	6.38	5.14	3.08

Table 5 - Expenses, 1931

	Canada	Prince Edward Island	Nova Scotia	New Brunswick	
	\$	\$	\$	\$	
<u>Total Expenses</u>	75,235,767	108,261	2,352,692	1,537,239	
Per cent of total for Canada	100.00	0.14	3.13	2.04	
Salaries and wages	26,306,956	59,019	1,002,111	534,167	
Fuel	1,892,252	41,686	223,723	171,398	
Taxes	6,025,724	7,020	224,697	67,805	
Cost of power	41,010,835	536	902,161	763,869	
<u>Total for Commercial Stations</u>	32,418,131	90,698	1,701,282	844,186	
Salaries and wages	12,097,120	50,792	659,301	316,825	
Fuel	905,627	32,350	195,380	154,733	
Taxes	5,369,583	7,020	222,220	67,298	
Cost of power	14,045,801	536	624,381	305,330	
Non-generating stations	5,585,902	536	507,480	385,552	
Generating stations	26,732,229	90,162	1,193,802	458,634	
Hydraulic stations	24,070,211	8,926	153,444	89,278	
Fuel stations	2,662,018	81,236	1,040,358	369,356	
<u>Total for Municipal Stations</u>	42,817,636	17,563	551,410	693,053	
Salaries and wages	14,209,836	8,227	342,810	217,342	
Fuel	986,625	9,336	28,343	16,665	
Taxes	656,141	...	2,477	507	
Cost of power	26,965,034	...	277,780	458,539	
Non-generating stations	28,212,992	...	370,021	404,949	
Generating stations	14,604,644	17,563	281,389	288,104	
Hydraulic stations	12,264,698	...	205,962	271,350	
Fuel stations	2,339,946	17,563	75,427	16,754	
<u>Total Expenses for Non-generating Stations</u>	33,898,894	536	877,501	790,501	
Salaries and wages	8,036,952	...	311,543	181,796	
Fuel	1,726	...	608	1,118	
Taxes	594,341	...	27,348	27,707	
Cost of power	25,265,875	536	538,002	579,880	
<u>Total Expenses for Generating Stations</u>	41,336,873	107,725	1,475,191	746,738	
Salaries and wages	18,270,004	59,019	690,568	352,371	
Fuel	1,890,526	41,686	223,115	170,280	
Taxes	5,431,333	7,020	197,349	40,098	
Cost of power	15,744,960	...	364,159	183,989	
Hydraulic stations	36,334,909	8,926	359,406	360,628	
Fuel stations	5,001,964	98,799	1,115,785	386,110	

Table 5 - Expenses, 1931

	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and Yukon
	\$	\$	\$	\$	\$	\$
	15,215,425	40,737,319	3,552,644	2,876,019	2,359,702	6,496,466
	20.22	54.15	4.72	3.82	3.14	8.64
	6,162,591	12,285,699	2,001,487	1,005,370	1,083,851	2,172,661
	34,573	127,036	97,995	905,594	201,895	88,352
	3,048,726	1,369,490	227,893	129,350	177,794	772,949
	5,969,535	26,955,094	1,225,269	835,705	896,162	3,462,504
	14,668,934	5,715,406	1,587,979	875,591	820,120	6,113,935
	5,898,635	1,671,325	579,230	365,030	521,943	2,034,039
	9,454	29,381	16,022	322,796	74,801	70,710
	3,038,002	952,892	130,493	81,640	97,069	772,949
	5,722,843	3,061,808	862,234	106,125	126,307	3,236,237
	249,525	1,265,336	206,777	100,7C1	33,063	2,936,932
	14,419,409	4,450,070	1,381,202	774,890	787,057	3,177,003
	14,413,215	4,446,806	1,340,642	...	506,117	3,111,783
	6,194	3,264	40,560	774,890	280,940	65,220
	546,491	35,021,913	1,964,665	2,000,428	1,539,582	382,531
	263,956	10,614,374	1,422,257	640,340	561,908	138,622
	25,119	97,655	81,973	582,738	127,094	17,642
	10,724	416,598	97,400	47,710	80,725	...
	246,692	23,893,286	363,035	729,580	769,855	226,267
	193,589	24,823,352	351,821	857,056	924,123	288,081
	352,902	10,198,561	1,612,844	1,143,372	615,459	94,450
	137,476	10,173,761	1,407,349	...	9,625	59,175
	215,426	24,800	205,495	1,143,372	605,834	35,875
	443,114	26,088,688	558,598	957,757	957,186	3,225,013
	138,820	5,754,851	230,866	135,947	238,403	1,044,726

	3,662	134,918	13,163	50,969	62,784	273,790
	300,632	20,198,919	314,569	770,841	655,999	1,906,497
	14,772,311	14,648,631	2,994,046	1,918,262	1,402,516	3,271,453
	6,023,771	6,530,848	1,770,621	869,423	845,448	1,127,935
	34,573	127,036	97,995	905,594	201,895	88,352
	3,045,064	1,234,572	214,730	78,381	115,010	499,159
	5,668,903	6,756,175	910,700	64,864	240,163	1,556,007
	14,550,691	14,620,567	2,747,991	...	515,742	3,170,958
	221,620	28,064	246,055	1,918,262	886,774	100,495

Table 6 - Employees, 1931

	Canada	Prince Edward Island	Nova Scotia	New Brunswick	
<u>Total Number of persons employed</u>	17,014	54	786	432	
Per cent of total for Canada	100.00	0.32	4.62	2.54	
Officers, clerks, other salaried employees, etc.	7,018	22	294	207	
Employees on wages	9,996	32	492	225	
<u>Total Employees in Commercial Stations</u>	6,236	47	512	258	
Officers, clerks, other salaried employees, etc.	3,206	19	203	105	
Employees on wages	5,030	28	309	153	
Non-generating	977	..	160	78	
Generating	7,259	47	352	180	
Hydraulic	6,401	9	113	50	
Fuel	858	38	239	130	
<u>Total Employees in Municipal Stations</u>	8,778	7	274	174	
Officers, clerks, other salaried employees, etc.	3,812	3	91	102	
Employees on wages	4,966	4	183	72	
Non-generating	4,434	..	92	78	
Generating	4,344	7	182	96	
Hydraulic	3,594	..	152	91	
Fuel	750	7	30	5	
<u>Total Employees in Non-generating Stations</u>	5,411	..	252	156	
Officers, clerks, other salaried employees, etc.	2,557	..	111	85	
Employees on wages	2,854	..	141	71	
<u>Total Employees in Generating Stations</u>	11,603	54	534	276	
Officers, clerks, other salaried employees, etc.	4,461	22	183	122	
Employees on wages	7,142	32	351	154	
Hydraulic	9,995	9	265	141	
Fuel	1,608	45	269	135	

Table 6 - Employees, 1931

	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and Yukon
	4,132	7,491	1,244	725	813	1,337
	24.28	44.03	7.31	4.26	4.73	7.86
	1,522	3,193	496	353	312	619
	2,610	4,298	748	372	501	718
	3,937	1,142	358	305	454	1,223
	1,443	386	150	193	154	553
	2,494	756	208	112	300	670
	93	44	8	16	7	571
	3,844	1,098	350	289	447	652
	3,841	1,095	326	..	346	621
	3	3	24	289	101	31
	195	6,349	886	420	359	114
	79	2,807	346	160	158	66
	116	3,542	540	260	201	48
	37	3,795	152	68	155	57
	158	2,554	734	352	204	57
	95	2,544	655	..	13	44
	63	10	79	352	191	13
	130	3,839	160	84	162	628
	62	1,782	26	43	86	362
	68	2,057	134	41	76	266
	4,002	3,652	1,084	641	651	709
	1,460	1,411	470	310	226	257
	2,542	2,241	614	331	425	452
	3,936	3,639	981	..	359	665
	66	13	103	641	292	44

Table 7 - Number of Customers, 1931

	Canada	Prince Edward Island	Nova Scotia	New Brunswick	
<u>Number of Customers</u>	1,632,792	5,102	55,795	40,852	
Per cent of total for Canada	100.00	0.31	3.42	2.50	
Domestic service	1,336,721	3,980	45,252	33,964	
Commercial light	244,624	922	8,687	5,670	
Power (small)	25,9	164	1,657	1,054	
Power (large)	23,583	29	103	125	
Street lighting	1,941	7	86	39	
<u>Total Number of Customers of Commercial Stations</u>	758,285	4,112	37,888	20,967	
Domestic service	607,977	3,210	30,616	16,642	
Commercial light	125,178	755	6,130	3,594	
Power (small)	15,913	114	1,025	659	
Power (large)	8,034	28	62	51	
Street lighting	1,183	5	55	21	
Non-generating	147,613	46	17,174	10,350	
Generating	610,672	4,066	20,714	10,617	
Hydraulic	547,708	1,028	4,718	286	
Fuel	62,964	3,038	15,996	10,331	
<u>Total Number of Customers of Municipal Stations</u>	874,507	990	17,897	19,385	
Domestic service	728,744	770	14,636	17,322	
Commercial light	119,456	167	2,557	2,076	
Power (small)	10,000	50	632	395	
Power (large)	15,549	1	41	74	
Street lighting	758	2	31	18	
Non-generating	649,719	...	12,448	13,506	
Generating	224,738	990	5,449	6,379	
Hydraulic	153,940	...	2,205	5,742	
Fuel	70,848	990	3,244	637	
<u>Total Number of Customers of Non-generating Stations</u>	797,332	46	29,622	23,856	
Domestic service	663,198	40	24,589	19,894	
Commercial light	112,395	6	4,328	3,360	
Power (small)	5,041	...	637	510	
Power (large)	16,121	...	29	69	
Street lighting	577	...	39	23	
<u>Total Number of Customers of Generating Stations</u>	835,460	5,056	26,163	16,996	
Hydraulic stations	701,648	1,028	6,923	6,028	
Domestic service	575,313	825	5,580	5,538	
Commercial light	102,935	158	1,052	309	
Power (small)	15,307	41	811	143	
Power (large)	7,086	...	46	30	
Street lighting	1,907	4	34	8	
<u>Fuel stations</u>	133,812	4,028	19,240	10,968	
Domestic service	98,210	3,115	15,083	8,532	
Commercial light	29,304	758	3,307	2,001	
Power (small)	5,565	123	809	401	
Power (large)	376	29	28	26	
Street lighting	357	3	13	8	
<u>Average number of domestic service customers per 100 of population</u>	12.89	4.52	8.82	8.32	

(x) large power customers for Ontario include both large and small customers of municipalities

Table 7 - Number of Customers, 1931

	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and Yukon
	459,014 28.11	687,906 42.13	92,359 5.66	62,426 3.93	76,944 4.71	152,404 9.33
	375,764 70,149	579,721 89,777	71,324 16,055	44,078 15,321	56,890 15,907	125,748 22,146
	10,018 2,401 682	2,606 (x) 15,279 523	2,638 2,262 80	2,669 79 279	3,603 370 174	1,504 2,935 71
	427,879 349,001 66,640	57,626 46,104 8,812	27,055 19,477 6,311	23,458 16,040 6,386	24,949 15,753 7,295	134,351 111,134 19,255
	9,275 2,311 652	1,000 1,647 63	387 858 22	850 29 153	1,611 133 157	992 2,915 55
	11,266 416,613 416,254 359	2,355 55,271 55,060 211	5,279 21,776 20,722 1,054	2,986 20,572 ... 20,572	1,190 23,759 14,480 9,279	97,067 37,284 35,160 2,124
	31,135 26,763 3,509	630,280 533,617 80,965	65,304 51,847 9,744	38,968 28,038 8,935	51,995 41,137 8,612	18,053 14,614 2,891
	743 90 30	1,606 (x) 13,632 460	2,251 1,404 58	1,819 50 126	1,992 237 17	512 20 16
	11,783 19,352 14,959 4,393	552,538 77,742 76,968 774	7,040 58,264 49,605 8,659	14,563 24,405 ... 24,405	24,704 27,291 731 26,560	13,137 4,916 3,730 1,186
	23,049 19,754 2,688	554,893 462,861 77,854	12,319 9,705 2,041	17,449 12,885 3,618	25,894 21,560 3,410	110,204 91,910 15,090
	510 25 72	732 (x) 13,142 304	499 35 39	856 34 56	866 47 11	431 2,740 33
	435,965 431,213 351,799	133,013 132,028 116,010	80,040 70,327 54,768	44,977	51,050 15,211 9,482	42,200 38,890 31,311
	67,128 9,311 2,368 607	11,801 1,866 2,135 216	11,641 1,684 2,222 12	... ... ... ...	4,438 1,098 96 97	6,408 953 189 29
	4,752 4,211 333	985 850 122	9,713 6,851 2,373	44,977 31,193 11,703	35,839 25,848 8,059	3,310 2,527 648
	197 8 3	8 2 3	455 5 29	1,813 45 223	1,639 227 66	120 6 9
	13.07	16.39	10.19	4.78	7.77	18.02

served by the Provincial Commission.

Table 8 - Pole Line Mileage, 1931

	Canada	Prince Edward Island	Nova Scotia	New Brunswick	
Pole Line Mileage	52,399	167	2,119	1,639	
Per cent of total for Canada	100.00	0.32	4.04	3.13	
For transmission	20,225	...	491	472	
For distribution	32,174	167	1,628	1,167	
Total Pole Line Mileage -					
<u>Commercial Stations</u>	24,299	149	1,313	624	
Non-generating	4,098	7	530	215	
Generating	20,201	142	783	409	
Hydraulic	17,806	77	483	153	
Fuel	2,395	65	300	256	
Total Pole Line Mileage -					
<u>Municipal Stations</u>	28,100	18	806	1,015	
Non-generating	8,592	...	325	227	
Generating	19,508	18	481	788	
Hydraulic	17,057	...	425	768	
Fuel	2,451	18	56	20	
Total Pole Line Mileage -					
<u>Non-generating Stations</u>	12,690	7	855	442	
Total Pole Line Mileage -					
<u>Generating Stations</u>	39,709	160	1,264	1,197	
Hydraulic stations	34,863	77	908	921	
Fuel stations	4,846	83	356	276	

Table 9 - Auxiliary Plant Equipment, 1931

<u>Total Primary Power</u>	H.P.	184,043	105	3,413	10,425	
Per cent of total for Canada		100.00	0.06	1.85	5.66	
Steam reciprocating engines	No.	47	1	9	7	
Total capacity	H.P.	16,048	75	2,398	1,850	
Steam turbines	No.	41	...	1	2	
Total capacity	H.P.	160,171	...	670	8,000	
Gas and oil engines	No.	39	1	2	3	
Total capacity	H.P.	7,824	30	345	575	
<u>Total Secondary Power</u>	K.V.A.	157,221	...	2,557	7,955	
<u>Commercial Stations</u>						
<u>Total Primary Power</u>	H.P.	124,495	105	2,810	1,525	
Steam reciprocating engines	No.	34	1	7	5	
Total capacity	H.P.	12,075	75	1,975	1,475	
Steam turbines	No.	31	...	1	...	
Total capacity	H.P.	107,081	...	670	...	
Gas and oil engines	No.	28	1	1	1	
Total capacity	H.P.	5,339	30	165	50	
<u>Total Secondary Power</u>	K.V.A.	107,011	...	2,091	1,108	
<u>Municipal Stations</u>						
<u>Total Primary Power</u>	H.P.	59,548	...	603	8,900	
Steam reciprocating engines	No.	13	...	2	2	
Total capacity	H.P.	3,973	...	423	375	
Steam turbines	No.	10	...	...	2	
Total capacity	H.P.	53,090	...	...	8,000	
Gas and oil engines	No.	11	...	1	2	
Total capacity	H.P.	2,485	...	180	525	
<u>Total Secondary Power</u>	K.V.A.	50,210	...	476	6,847	

Table 8 - Pole Line Mileage, 1931

	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and Yukon
	10,945	22,908	3,167	3,334	3,729	4,391
	20.89	43.72	6.04	6.36	7.12	8.38
	4,677	7,120	1,689	2,266	2,227	1,283
	6,268	15,788	1,478	1,068	1,502	3,108
	10,509	2,225	1,095	1,503	2,986	3,895
	593	142	180	648	33	1,750
	9,916	2,083	915	855	2,953	2,145
	9,905	2,077	846	...	2,216	2,049
	11	6	69	855	737	96
	436	20,683	2,072	1,831	743	496
	149	5,916	1,074	179	387	365
	287	14,767	998	1,652	386	131
	261	14,742	734	...	16	111
	26	25	264	1,652	370	20
	742	6,058	1,254	827	390	2,115
	10,203	16,850	1,913	2,507	3,339	2,276
	10,166	16,819	1,580	...	2,232	2,160
	37	31	333	2,507	1,107	116

Table 9 - Auxiliary Plant Equipment, 1931

	30,273	40,371	26,980	...	22,280	50,196
	16.45	21.94	14.66	...	12.11	27.27
	6	8	...	...	13	3
	3,450	2,650	...	...	4,650	975
	6	6	6	...	5	15
	25,500	36,500	26,740	...	16,250	46,511
	4	6	2	...	7	14
	1,323	1,221	240	...	1,380	2,710
	26,384	33,762	25,163	...	19,330	42,060
	30,273	7,521	12,000	...	21,340	48,921
	6	2	...	...	12	1
	3,450	450	...	...	4,200	450
	6	2	3	...	5	14
	25,500	6,300	12,000	...	16,250	46,361
	4	4	...	...	4	13
	1,323	771	...	...	890	2,110
	26,384	6,609	11,250	...	18,552	41,017
	...	32,850	14,980	...	940	1,275
	...	6	...	...	1	2
	...	2,200	...	...	450	525
	...	4	3	...	...	1
	...	30,200	14,740	...	...	150
	...	2	2	...	3	1
	...	450	240	...	490	600
	...	27,153	13,913	...	778	1,043

Table 10 - Total Equipment including Auxiliary Plant Equipment

	Canada	Prince Edward Island	Nova Scotia	New Brunswick	
<u>Total Primary Power</u> .....H.P.	5,890,800	5,632	129,762	137,185	
Per cent of total for Canada	100.00	0.09	2.20	2.33	
Water wheels and turbines .....No.	790	9	52	16	
Total capacity .....H.P.	5,422,319	464	80,007	105,485	
Steam reciprocating engines .....No.	113	1	14	16	
Total capacity .....H.P.	34,638	75	4,593	5,230	
Steam turbines .....No.	107	3	14	9	
Total capacity .....H.P.	399,090	4,173	43,978	25,300	
Gas and oil engines .....No.	356	6	17	9	
Total capacity .....H.P.	34,753	920	1,184	1,170	
<u>Total Dynamo Capacity</u> .....K.V.A.	4,884,597	4,929	104,668	115,432	
Per cent of total for Canada	100.00	0.10	2.14	2.36	
DYNAMOS, A.C. ....No.	1,143	15	90	42	
Total capacity .....K.V.A.	4,877,309	4,921	104,278	114,210	
DYNAMOS, D.C. ....No.	201	1	6	9	
Total capacity .....K.W.	7,288	8	390	1,222	
<u>Commercial Stations</u>					
<u>Total Primary Power</u> .....H.P.	4,171,305	4,742	61,001	115,050	
Water wheels and turbines .....No.	540	9	19	10	
Total capacity .....H.P.	3,916,720	464	15,142	92,650	
Steam engines .....No.	74	1	12	14	
Total capacity .....H.P.	20,819	75	4,170	4,855	
Steam turbines .....No.	65	3	11	7	
Total capacity .....H.P.	213,249	4,173	41,320	17,300	
Gas and oil engines .....No.	262	1	7	5	
Total capacity .....H.P.	20,517	30	369	245	
<u>Total Dynamo Capacity</u> .....K.V.A.	3,495,937	4,164	47,795	97,982	
DYNAMOS, A.C. ....No.	745	10	42	28	
Total capacity .....K.V.A.	3,490,683	4,156	47,405	96,760	
DYNAMOS, D.C. ....No.	180	1	6	9	
Total capacity .....K.W.	5,254	8	390	1,222	
<u>Municipal Stations</u>					
<u>Total Primary Power</u> .....H.P.	1,719,495	890	68,761	22,135	
Water wheels and turbines .....No.	250	...	33	6	
Total capacity .....H.P.	1,505,599	...	64,865	12,835	
Steam engines .....No.	39	...	2	2	
Total capacity .....H.P.	13,819	...	423	375	
Steam turbines .....No.	42	...	3	8	
Total capacity .....H.P.	185,841	...	2,658	8,000	
Gas and oil engines .....No.	94	5	10	4	
Total capacity .....H.P.	14,236	890	815	925	
<u>Total Dynamo Capacity</u> .....K.V.A.	1,388,660	765	56,873	17,450	
DYNAMOS, A.C. ....No.	398	5	48	14	
Total capacity .....K.V.A.	1,386,626	765	56,873	17,450	
DYNAMOS, D.C. ....No.	21	...	...	...
Total capacity .....K.W.	2,034	...	...	...

Table 10 - Total Equipment including Auxiliary Plant Equipment

	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and Yukon
	2,548,701 43.27	1,815,430 30.82	413,375 7.02	135,026 2.29	150,627 2.56	555,062 9.42
	254	336	37	...	18	68
	2,513,542	1,774,121	376,925	...	69,520	502,255
	7	13	13	5	32	12
	4,150	3,058	4,521	2,468	8,904	1,639
	9	6	8	23	18	17
	29,646	36,500	29,240	114,762	68,300	47,191
	5	9	36	185	58	31
	1,363	1,751	2,689	17,796	3,903	3,977
	2,186,125 44.76	1,470,751 30.11	331,564 6.79	114,776 2.35	124,007 2.54	432,345 8.85
	275	346	80	103	80	112
	2,185,605 2 520	1,470,106 7 645	331,295 10 269	113,513 108 1,263	121,388 42 2,619	431,993 16 352
	2,515,845	521,391	260,665	49,917	98,977	543,717
	232	175	18	...	16	61
	2,485,407 6	513,712 5	247,800 3	...	68,560 25	492,985 6
	3,450	608	210	1,118	5,609	724
	7	2	3	9	7	16
	25,625	6,300	12,000	37,940	21,550	47,041
	5	4	14	146	52	28
	1,363	771	655	10,859	3,258	2,967
	2,159,386 249 2,158,866 2 520	440,798 175 440,603 6 195	201,473 30 201,424 4 49	41,001 61 39,952 96 1,049	78,965 55 77,496 40 1,469	424,373 95 34,021 16 352
	32,856	1,294,039	152,710	85,109	51,650	11,345
	22	161	19	...	2	7
	28,135	1,280,409	129,125	...	960	9,270
	1	8	10	3	7	6
	700	2,450	4,311	1,350	3,295	915
	2	4	5	14	11	1
	4,021	30,200	17,240	76,828	46,750	150
	...	5	22	39	6	3
	...	980	2,034	6,937	645	1,010
	26,739	1,029,953	130,091	73,775	45,042	7,972
	26	171	50	42	25	17
	26,739	1,029,503	129,871	73,561	43,892	7,972
	...	1	6	12	2	...
	...	450	220	214	1,150	...

Table 11 - Main Plant Equipment, 1931

	Canada	Prince Edward Island	Nova Scotia	New Brunswick	
<u>Total Primary Power</u> H.P.	5,706,757	5,527	126,349	126,760	
Per cent of total for Canada	100.00	0.10	2.21	2.22	
Water wheels and turbines No.	790	9	52	16	
Total capacity H.P.	5,422,319	464	80,007	105,485	
Steam reciprocating engines No.	66	...	5	9	
Total capacity H.P.	18,590	...	2,195	3,380	
Steam turbines No.	65	3	13	7	
Total capacity H.P.	238,911	4,173	43,308	17,300	
Gas and oil engines No.	317	5	15	6	
Total capacity H.P.	26,929	890	839	595	
<u>Total Dynamo Capacity</u> K.V.A.	4,727,376	4,929	102,101	107,477	
Per cent of total for Canada	100.00	0.10	2.16	2.27	
Dynamos, A.C. No.	1,033	15	79	31	
Total capacity K.V.A.	4,722,184	4,921	102,011	106,488	
Dynamos, D.C. No.	194	1	5	8	
Total capacity K.W.	5,192	8	90	989	
<u>Commercial Stations</u>					
<u>Total Primary Power</u> H.P.	4,046,810	4,637	58,191	113,525	
Per cent of total for Canada	100.00	0.11	1.44	2.81	
Water wheels and turbines No.	540	9	19	10	
Total capacity H.P.	3,916,720	464	15,142	92,650	
Steam reciprocating engines No.	40	...	5	9	
Total capacity H.P.	8,744	...	2,195	3,380	
Steam turbines No.	34	3	10	7	
Total capacity H.P.	106,168	4,173	40,650	17,300	
Gas and oil engines No.	234	...	6	4	
Total capacity H.P.	15,178	...	204	195	
<u>Total Dynamo Capacity</u> K.V.A.	3,382,926	4,164	45,704	96,874	
Per cent of total for Canada	100.00	0.13	1.35	2.86	
Dynamos, A.C. No.	666	10	34	23	
Total capacity K.V.A.	3,385,318	4,156	45,614	95,885	
Dynamos, D.C. No.	174	1	5	8	
Total capacity K.W.	3,608	8	90	989	
<u>Municipal Stations</u>					
<u>Total Primary Power</u> H.P.	1,659,947	890	68,158	13,235	
Per cent of total for Canada	100.00	0.05	4.10	0.80	
Water wheels and turbines No.	250	...	33	6	
Total capacity H.P.	1,505,599	...	64,965	12,835	
Steam reciprocating engines No.	26	...	...	...
Total capacity H.P.	9,846	...	...	...
Steam turbines No.	32	...	3	...	
Total capacity H.P.	132,751	...	2,658	...	
Gas and oil engines No.	83	5	9	2	
Total capacity H.P.	11,751	890	635	400	
<u>Total Dynamo Capacity</u> K.V.A.	1,338,450	765	56,397	10,603	
Per cent of total for Canada	100.00	0.06	4.21	0.79	
Dynamos, A.C. No.	367	5	45	8	
Total capacity K.V.A.	1,336,866	765	56,397	10,603	
Dynamos, D.C. No.	20	...	...	...
Total capacity K.W.	1,584	...	...	...
<u>Hydraulic Stations</u>					
<u>Total Dynamo Capacity</u> K.V.A.	4,490,784	414	66,542	91,163	
Per cent of total for Canada	100.00	0.01	1.48	2.03	
Dynamos, A.C. No.	774	7	52	15	
Total capacity K.V.A.	4,489,966	406	66,542	91,038	
Dynamos, D.C. No.	10	1	...	1	
Total capacity K.W.	818	8	...	125	
<u>Fuel Stations</u>					
<u>Total Dynamo Capacity</u> K.V.A.	236,592	4,515	35,559	16,314	
Per cent of total for Canada	100.00	1.91	15.03	6.90	
Dynamos, A.C. No.	259	8	27	16	
Total capacity K.V.A.	232,218	4,515	35,469	15,450	
Dynamos, D.C. No.	184	...	5	7	
Total capacity K.W.	4,374	...	90	864	

x - Capacity of one hydraulic station in Saskatchewan included under Manitoba.

Table 11 - Main Plant Equipment, 1931

	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and Yukon
	2,518,428 44.13 254 2,513,542	1,775,059 31.10 336 1,774,121	x 386,395 6.77 37 376,925	x 135,026 2.37	128,347 2.25 18 69,520	504,866 8.85 68 502,255
	1 700 3 4,146	5 408	13 4,521 2 2,500	5 2,468 23 114,762	19 4,254 13 52,050	9 664 2 680
	1 40 2,159,741 45.69	3 530 30.40	34 2,449 6.48	185 17,796 2.43	51 2,523 2.21	17 1,267 8.26
	261 2,159,221 2 520	331 1,436,794 6 195	72 306,132 10 269	103 113,513 108 1,263	56 103,158 40 1,519	85 389,946 14 339
	2,485,572 61.42 232 2,485,407	513,870 12.70 175 513,712	248,665 6.14 18 247,800	49,917 1.23	77,637 1.92 16 68,560	494,796 12.23 61 492,985
	... ... 1 125	3 158	3 210	2 1,118 9 37,940	13 1,409 2 5,300	5 274 2 680
	1 40 2,133,002 62.94	... ... 434,189 12.81	14 655 190,223 5.61	146 10,859 41,001 1.21	48 2,368 60,413 1.78	15 857 383,356 11.31
	235 2,132,482 2 520	168 433,994 6 195	27 190,174 4 49	61 39,952 96 1,049	36 60,044 38 369	72 383,017 14 339
	32,856 1.98 22 28,135	1,261,189 75.98 161 1,260,409	137,730 8.30 19 129,125	85,109 5.13	50,710 3.05 2 960	10,070 0.51 7 9,270
	1 700 2 4,021	2 250	10 4,311 2 2,500	3 1,350 14 76,822	6 2,845 11 46,750	4 390
	... ... 26,739 2.00	3 530 1,002,800 74.92	20 1,794 116,178 8.68	39 6,937 73,775 5.51	3 155 44,264 3.31	2 410 6,929 0.52
	26 26,739	163 1,002,800	45 115,958 6 220	42 73,561 12 214	20 43,114 2 1,150	13 6,929
	2,155,451 48.00 256	1,436,269 31.98 325	299,412 6.67 37	... ... ...	53,200 1.18 14	388,333 8.65 68
	2,154,931 2 520	1,436,174 4 95	299,412 ... ...	... ... ...	53,200	388,263 2 70
	4,290 1.81 5	720 0.30 6	6,989 2.95 35	114,776 48.51 103	51,477 21.76 42	1,952 0.83 17
	4,290	620 2 100	6,720 10 269	113,513 108 1,263	49,958 40 1,519	1,683 12 269

Table 12 - Main Plant Equipment Classified, 1931

	Canada	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	
<u>Primary Power</u> H.P.	5,706,757	5,527	126,349	126,760	2,518,428	
<u>Water wheels & turbines</u> .. No.	790	9	52	16	254	
Total H.P.	5,422,319	464	80,007	105,485	2,513,542	
Under 500 H.P. No.	157	9	22	3	28	
Total H.P.	31,275	464	4,767	935	5,033	
500 - 2,000 H.P. No.	216	...	16	2	73	
Total H.P.	244,369	...	18,900	2,050	82,609	
2,000 - 5,000 H.P. No.	128	...	10	6	35	
Total H.P.	377,525	...	33,040	17,500	100,950	
5,000 - 10,000 H.P. No.	106	...	4	1	36	
Total H.P.	696,450	...	23,300	5,000	249,450	
10,000 - 15,000 H.P. No.	76	...	...	...	28	
Total H.P.	881,300	...	...	...	302,100	
15,000 - 25,000 H.P. No.	50	...	...	4	17	
Total H.P.	923,500	...	...	80,000	352,500	
25,000 up No.	57	...	...	...	37	
Total H.P.	2,267,900	...	...	...	1,419,900	
<u>Steam reciprocating</u> No. <u>engines</u> / H.P.	66	...	5	9	1	
Under 500 H.P. No.	18,590	...	2,195	3,380	700	
Total H.P.	54	...	3	6	...	
500 H.P. up No.	6,780	...	395	480	...	
Total H.P.	11,810	...	1,800	2,900	700	
<u>Steam turbines</u> No.	66	3	13	7	3	
Total H.P.	238,919	4,173	43,308	17,300	4,146	
Under 500 H.P. No.	5	...	1	1	1	
Total H.P.	1,357	...	402	250	125	
500 - 2,000 H.P. No.	22	2	6	4	1	
Total H.P.	23,947	2,173	7,206	4,050	1,340	
2,000 - 5,000 H.P. No.	24	1	3	1	1	
Total H.P.	69,741	2,000	9,400	3,000	2,681	
5,000 - 10,000 & up ... No.	15	...	3	1	...	
Total H.P.	143,374	...	26,300	10,000	...	
<u>Gas & oil engines</u> No.	317	5	15	6	1	
Total H.P.	26,929	890	839	595	40	
<u>Secondary Power</u> -						
<u>DYNAMOS, A.C. and D.C.</u> No.	1,227	16	84	39	263	
Total K.V.A.	4,727,376	4,929	102,101	107,477	2,159,741	
<u>DYNAMOS, A.C.</u> No.	1,033	15	79	31	261	
Total K.V.A.	4,722,184	4,921	102,011	106,488	2,159,221	
Under 50 K.V.A. No.	60	4	8	...	4	
Total K.V.A.	1,938	133	322	...	130	
50 - 200 K.V.A. No.	172	7	17	9	14	
Total K.V.A.	19,020	738	1,711	1,015	1,534	
200 - 500 K.V.A. No.	125	1	12	2	23	
Total K.V.A.	39,009	300	3,713	843	7,697	
500 - 1,000 K.V.A. No.	143	1	11	5	45	
Total K.V.A.	105,707	625	7,905	3,655	34,540	
1,000 - 5,000 K.V.A. No.	269	2	27	10	67	
Total K.V.A.	609,353	3,125	63,060	23,475	148,670	
5,000 - 10,000 K.V.A. No.	107	...	4	1	23	
Total K.V.A.	738,992	...	25,300	7,500	146,900	
10,000 - 15,000 K.V.A. No.	68	...	...	...	31	
Total K.V.A.	732,165	...	...	...	318,000	
15,000 - 25,000 K.V.A. No.	40	...	...	4	16	
Total K.V.A.	742,500	...	...	70,000	309,250	
25,000 and up No.	49	...	...	...	38	
Total K.V.A.	1,733,500	...	...	...	1,192,500	
<u>DYNAMOS, D.C.</u> No.	194	1	5	8	2	
Total K.W.	5,192	8	90	989	520	
Under 50 K.W. No.	181	1	4	4	1	
Total K.W.	2,259	8	40	89	20	
50 - 200 K.W. No.	9	...	1	3	...	
Total K.W.	633	...	50	250	...	
200 - 500 K.W. No.	1	..	...	...	...
Total K.W.	400	...	...	...	...
500 and up No.	3	...	...	1	1	
Total K.W.	1,900	...	...	650	500	

Table 12 - Main Plant Equipment Classified, 1931

	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia and Yukon	Commercial	Municipal
	1,775,059	386,395	135,026	128,347	504,866	4,046,810	1,659,947
	336	37	...	18	68	540	250
	1,774,121	376,925	...	69,520	502,255	3,916,720	1,505,599
	69	1	...	10	15	108	49
	14,246	125	...	1,920	2,785	19,751	11,524
	116	...	...	...	9	129	87
	129,540	...	...	...	11,270	142,144	102,225
	59	4	...	2	12	93	35
	169,035	12,800	...	8,000	36,200	277,475	100,050
	29	21	...	4	11	74	32
	186,100	130,000	...	23,600	79,000	500,350	196,100
	35	5	...	...	8	57	19
	415,700	66,000	...	...	97,500	645,100	236,200
	18	...	...	2	9	32	18
	299,500	...	...	36,000	155,500	624,000	299,500
	10	6	...	...	4	47	10
	560,000	168,000	...	...	120,000	1,707,900	560,000
	5	13	5	19	9	40	26
	408	4,521	2,468	4,254	664	8,744	9,846
	5	12	3	16	9	34	20
	408	2,271	618	1,944	664	2,944	3,836
	...	1	2	3	...	6	6
	...	2,250	1,850	2,310	...	5,800	6,010
	...	2	23	13	2	34	38
	...	2,500	114,762	52,050	680	106,168	132,751
	...	1	...	...	1	3	2
	...	400	...	...	180	555	802
	...	...	6	2	1	14	8
	...	...	6,678	2,000	500	15,181	8,766
	...	1	9	8	...	11	13
	...	2,100	26,210	24,350	...	30,866	38,875
	...	...	8	3	...	6	9
	...	...	81,874	25,700	...	59,566	84,308
	3	34	185	51	17	234	83
	530	2,449	17,796	2,523	1,267	15,178	11,751
	337	82	211	96	99	840	387
	1,436,989	306,401	114,776	104,677	390,285	3,388,926	1,338,450
	331	72	103	56	85	666	367
	1,436,794	306,132	113,513	103,158	389,946	3,385,318	1,336,866
	5	12	15	6	6	35	25
	148	370	533	152	150	1,106	832
	32	15	40	17	21	111	61
	4,038	1,342	4,546	1,718	2,378	11,719	7,301
	42	7	21	11	6	64	61
	12,801	2,257	6,468	3,075	1,855	19,383	19,626
	65	...	7	3	6	90	53
	48,140	...	4,466	2,088	4,288	66,162	39,545
	102	16	13	14	18	177	92
	206,535	49,413	28,750	42,375	43,950	405,003	204,350
	48	11	4	2	14	64	43
	354,592	70,750	25,000	11,250	97,700	436,630	302,362
	23	5	2	1	6	51	17
	245,040	56,000	25,000	12,500	75,625	553,565	178,600
	4	6	1	2	7	35	5
	68,500	126,000	18,750	30,000	120,000	655,250	87,250
	10	...	...	...	1	39	10
	497,000	...	...	...	44,000	1,236,500	497,000
	6	10	108	40	14	174	20
	195	269	1,263	1,519	339	3,608	1,584
	5	8	107	38	13	166	15
	145	144	1,200	369	244	2,013	246
	1	2	1	...	1	6	3
	50	125	63	...	95	445	188
	...	...	...	1	...	...	1
	...	...	...	400	...	...	400
	...	...	...	1	...	2	1
	...	...	...	750	...	1,150	750

Table 13 - Electric Energy Generated, 1931

	Canada	Prince Edward Island	Nova Scotia	
ALL STATIONS				
Total Kw.hours generated .....(thousands)	16,330,867	4,413	257,573	
Per cent of total for Canada	100.00	0.03	1.58	
Kilowatt hours for disposal .....(thousands)	16,330,867	4,413	257,573	
Disposal of Electrical Energy -Kw. Hours-				
Domestic service	1,563,704	1,343	19,120	
Commercial light	763,225	899	12,921	
Power, street lighting, free service and line losses	14,003,938	2,171	225,532	
Kilowatt hours generated by non-generating stations	21	...	18	
Kilowatt hours generated by generating stations	16,330,846	4,413	257,555	
K.V.A. capacity of generating stations	4,877,239	4,929	102,439	
Ratio of output to maximum capacity p.c.	39.0	14.3	30.9	
Average Kw.hours per K.V.A.	3,348	895	2,514	
GENERATING STATIONS				
Commercial Stations				
Total				
Kilowatt Hours generated .....(thousands)	12,191,139	3,668	95,381	
K.V.A. capacity	3,492,801	4,164	45,917	
Ratio of output to maximum capacity p.c.	40.6	15.1	28.1	
Average Kw.hours per K.V.A.	3,490	881	2,077	
Hydraulic Stations				
Kilowatt Hours generated .....(thousands)	12,041,775	319	31,931	
K.V.A. capacity	3,388,768	414	12,924	
Ratio of output to maximum capacity p.c.	41.4	8.8	28.2	
Average Kw.hours per K.V.A.	3,553	771	2,471	
Fuel Stations				
Kilowatt Hours generated .....(thousands)	149,364	3,349	63,450	
K.V.A. capacity	104,033	3,750	32,993	
Ratio of output to maximum capacity p.c.	20.0	16.2	28.0	
Average Kw. hours per K.V.A.	1,436	893	1,923	
Municipal Stations				
Total				
Kilowatt Hours generated .....(thousands)	4,139,707	745	162,174	
K.V.A. capacity	1,384,438	765	56,522	
Ratio of output to maximum capacity p.c.	35.0	11.1	32.8	
Average Kw. hours per K.V.A.	2,990	974	2,869	
Hydraulic Stations				
Kilowatt Hours generated .....(thousands)	3,994,007	...	159,162	
K.V.A. capacity	1,251,879	...	53,956	
Ratio of output to maximum capacity p.c.	37.5	...	33.7	
Average Kw. hours per K.V.A.	3,190	...	2,950	
Fuel Stations				
Kilowatt Hours generated .....(thousands)	145,700	745	3,012	
K.V.A. capacity	132,559	765	2,566	
Ratio of output to maximum capacity p.c.	12.6	11.1	13.4	
Average Kw. hours per K.V.A.	1,099	974	1,173	
Total Hydraulic Stations				
Kilowatt Hours generated .....(thousands)	16,035,782	319	191,093	
K.V.A. capacity	4,640,647	414	66,880	
Ratio of output to maximum capacity p.c.	40.2	8.8	32.6	
Average Kw. hours per K.V.A.	3,456	771	2,857	
Kw. hours generated by water power ....(thousands)	16,025,334	304	190,751	
Kw. hours generated by auxiliary plants (thousands)	10,448	15	342	
Total Fuel Stations				
Kilowatt Hours generated .....(thousands)	295,064	4,094	66,462	
K.V.A. capacity	236,592	4,515	35,559	
Ratio of output to maximum capacity p.c.	15.5	15.0	26.7	
Average Kw. hours per K.V.A.	1,247	907	1,869	

Table 13 - Electric Energy Generated, 1931

	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia and Yukon
404,350	8,066,026	4,948,819	1,084,763	134,014	205,082	1,225,827	
2.48	49.39	30.30	6.64	0.82	1.25	7.51	
408,000	6,290,590	6,690,211	1,084,763	134,014	206,779	1,224,130	
17,676	223,671	868,072	257,482	35,523	30,196	110,621	
11,991	165,476	378,406	76,023	19,279	22,864	75,366	
372,333	5,931,837	5,443,733	751,258	79,212	153,719	1,038,143	
3	...	...	...	...	...	...
404,347	8,066,026	4,948,819	1,084,763	134,014	205,082	1,225,827	
113,727	2,186,125	1,468,786	331,564	114,776	123,229	431,664	
42.1	43.0	39.0	38.9	14.7	19.0	32.4	
3,555	3,690	3,369	3,272	1,168	1,664	2,840	
384,584	8,024,980	1,531,822	734,201	38,339	165,128	1,213,036	
96,874	2,159,386	440,798	201,473	41,001	78,965	424,223	
45.3	43.3	39.3	41.6	14.3	23.9	32.7	
3,970	3,716	3,475	3,644	935	2,091	2,859	
353,706	8,024,861	1,531,743	733,552	...	154,615	1,211,048	
80,900	2,159,246	440,683	200,850	...	70,902	422,849	
49.9	43.7	39.8	41.7	...	24.9	32.7	
4,372	3,717	3,476	3,652	...	2,181	2,864	
30,878	119	79	649	38,339	10,513	1,988	
15,974	140	115	623	41,001	8,063	1,374	
22.1	9.7	7.8	11.9	14.3	14.9	16.5	
1,933	850	687	1,042	935	1,304	1,447	
19,763	41,046	3,416,997	350,562	95,675	39,954	12,791	
16,853	26,739	1,027,988	130,091	73,775	44,264	7,441	
17.8	17.5	38.6	34.3	14.8	10.3	19.6	
1,173	1,535	3,324	2,695	1,297	903	1,719	
19,076	40,060	3,416,367	346,137	...	1,379	11,826	
16,513	22,589	1,027,383	123,725	...	850	6,863	
17.6	20.2	38.6	35.8	...	18.5	19.7	
1,155	1,773	3,325	2,798	...	1,622	1,723	
687	986	630	4,425	95,675	38,575	965	
340	4,150	605	6,366	73,775	43,414	578	
23.1	2.7	11.9	7.95	14.8	10.1	19.0	
2,021	238	1,041	696	1,297	889	1,667	
372,782	8,064,921	4,948,110	1,079,689	...	155,994	1,222,874	
97,413	2,181,835	1,468,066	324,575	...	71,752	429,712	
45.6	43.1	39.0	39.6	...	24.8	32.5	
3,827	3,596	3,370	3,326	...	2,174	2,846	
371,909	8,064,583	4,946,264	1,079,567	...	155,531	1,216,425	
873	338	1,046	122	...	463	6,449	
31,565	1,105	709	5,074	134,014	49,088	2,953	
16,314	4,290	720	6,989	114,776	51,477	1,952	
22.1	2.9	11.2	8.3	14.7	10.9	17.3	
1,935	258	985	726	1,168	954	1,513	

Table 14 - Fuel, 1931

Provinces	Bituminous Coal			
	Canadian		Imported	
	Quantity Tons	Value \$	Quantity Tons	Value \$
Canada	183,951	835,772	28,057	158,461
Prince Edward Island	1,296	8,609	3,563	23,131
Nova Scotia	66,658	210,649	...	...
New Brunswick	26,386	128,806	3,607	26,362
Quebec .....	...	...	2,611	18,227
Ontario	4,783	25,819	18,126	89,691
Manitoba	3,700	16,056	150	1,050
Saskatchewan	67,272	399,605	...	...
Alberta	3,768	9,023	...	...
British Columbia	10,088	37,205	...	...

	Kerosene		Fuel Oil	
	Quantity Gal.	Value \$	Quantity Gal.	Value \$
Canada	66,184	14,393	3,182,691	351,076
Prince Edward Island	140	35	87,550	9,541
Nova Scotia .....	...	...	115,947	13,074
New Brunswick	270	59	139,060	14,513
Quebec .....	...	...	41,747	4,436
Ontario .....	...	...	138,154	10,026
Manitoba	2,772	556	292,543	41,856
Saskatchewan	52,492	11,684	1,522,187	191,926
Alberta	10,465	2,031	164,440	25,870
British Columbia	45	28	681,063	39,834

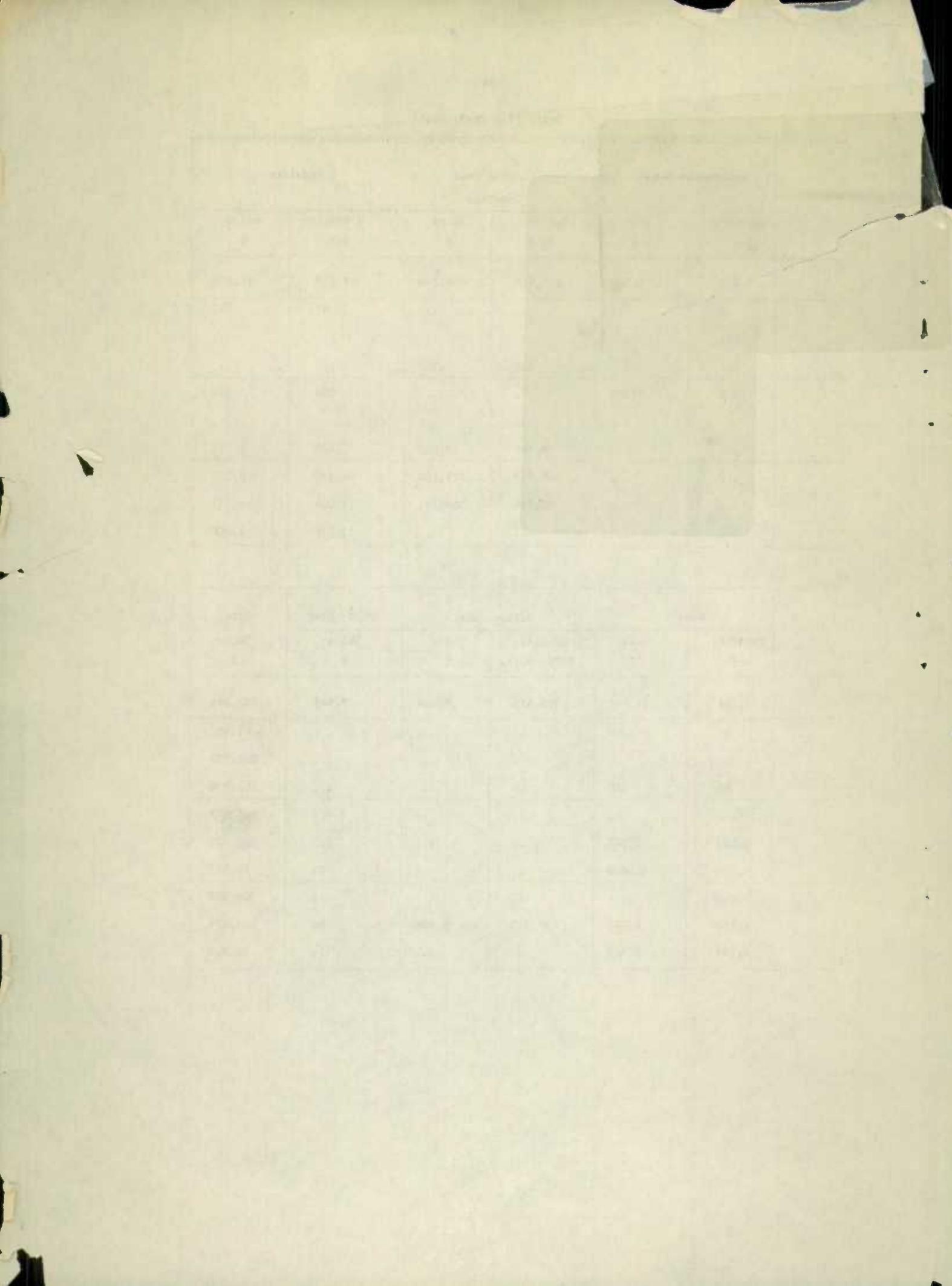
Table 14 - Fuel, 1931

	Anthracite Coal		Lignite Coal Canadian		Gasoline	
	Quantity Tons	Value \$	Quantity Tons	Value \$	Quantity Gal.	Value \$
	575	4,243	180,403	458,344	89,177	21,058
	40	120

	300	1,500	...	...
	575	4,243	...	...	850	183

	4,637	14,659	7,628	2,131
	85,702	293,986	34,420	8,393
	89,764	148,199	15,024	4,431
	31,215	5,800

	Wood		Natural Gas		Other Fuel	Total
	Quantity Cord	Value \$	Quantity 1000 cu.ft.	Value \$		
	11,195	31,876	325,332	9,484	7,545	1,892,252
	50	250	...	...	...	41,686
	...	...	...	...	...	223,723
	88	158	...	...	...	171,398
	...	...	...	...	7,484	34,573
	1,500	1,500	...	...	...	127,036
	4,700	21,662	25	97,995
	905,594
	1,750	2,821	325,332	9,484	36	201,895
	3,107	5,485	88,352



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