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COST OF ELECTRICITY FOR DOMESTIC SERVICE AND MONTHLY BILLS FOR DOMESTIC SERVICE COMMERCIAL LIGHT AND SMALL POWER

1955

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invited attention to your plan to flood

the valley of the Columbia River.

It is now time to go to bed.
I am very tired.
Good night.

**COST OF ELECTRICITY FOR DOMESTIC SERVICE
AND
MONTHLY BILLS FOR DOMESTIC SERVICE
COMMERCIAL LIGHT AND SMALL POWER**

1955

This report is based on rate tables supplied by the principal power companies and distributing systems in the country. It consists of the cost of definite quantities of electricity for specific uses and an annual index of the cost of electricity for domestic use only. The monthly bills are computed to show the actual cost to consumers in the 132 municipalities covered by the report when selected quantities are used for specific purposes. The cost to the consumers includes not only the amounts accruing to the distributor, but also all federal, provincial and municipal taxes on such purchases. Discounts for prompt payment have been deducted from gross bills wherever granted.

Monthly bills can not be used to obtain the average cost of electricity consumed in any one municipality or to compare municipalities as to cost of electricity, except in a very general way. The unit cost or cost per kilowatt hour of electric energy normally varies according to the nature of the use and the magnitude of the consumption and because these factors vary so greatly as between types of user and between municipalities, an average cost for all electricity consumed in any municipality is of little value unless the nature of the uses and amount of consumption for each use is known. Further, industrial power costs vary as to whether the power used is primary or secondary (off-peak or interruptable power taken when available). Other important factors in determining costs of electricity are the relationship between the capacity of a system to produce and distribute electricity and the total consumption, and between the average rate of consumption per day and at different times of the day, and during the year. Because of the difficulty of giving proper weight to these many

factors, the Bureau of Statistics has not attempted to show average costs or to compare costs between municipalities. For these purposes the report should be used with the utmost caution.

Any attempt to determine which municipality in Canada enjoys the lowest cost for electricity might be difficult for reasons referred to above, but the following tables show the municipalities in Canada having the lowest bills for selected quantities and uses. While the domestic service bills will probably show the average for most municipalities, it is probable that with larger loads and consumptions for commercial light and for power, other municipalities would have smaller bills. The fact that no one municipality had the smallest bill for all types of consumption in the three classes of service indicates that caution should be exercised when making comparisons as between municipalities. The lowest bill in each case is in *italics*.

There is a possibility that some municipalities from which bills have not been collected may have as low or lower bills than those shown in the tables below, and consequently there is no certainty that these bills are the lowest of any municipality in Canada. Of the towns and cities shown, Jonquiere operates its own municipal hydro-electric plant and distribution system. Sault Ste. Marie and Calgary operate their own municipal distribution systems, buying power from commercial hydro-electric plants. Belleville, Kingston, Ottawa, Trenton and Westmount own and operate their own municipal distribution systems, buying power from the provincial hydro-electric systems. Commercial hydro-electric systems serve Cornwall and Pembroke, Ont., and Trail, B.C.

Domestic Consumption

Monthly consumption in Kw.h.	25	60	100	180	300	500	1,000
	\$	\$	\$	\$	\$	\$	\$
Cornwall, Ont.	0.74	1.78	2.18	2.97	4.16	6.14	11.09
Sault Ste. Marie, Ont.	0.75 ¹	0.81	1.17	1.89	2.97	4.77	9.27
Belleville, Ont.	0.75 ¹	0.97	1.26	1.84	2.70	4.14	7.74
Trenton, Ont.	0.75 ¹	0.97	1.26	1.84	2.70	4.14	7.74
Ottawa, Ont.	1.05	1.67	2.03	2.48	3.02	3.92	6.17

1. Minimum bill.

Commercial Light

Load - Kw.	1			10			50		
Hours use	50	100	200	50	100	200	50	100	200
Monthly consumption - Kw.h.	50	100	200	500	1,000	2,000	2,500	5,000	10,000
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Kingston, Ont.	1.13	1.80	2.61	11.25	18.00	26.10	56.25	90.00	130.50
Sault Ste. Marie, Ont.	1.14	1.74	2.94	11.40	17.40	29.40	57.00	87.00	147.00
Belleville, Ont.	1.17	1.89	2.43	11.70	18.90	24.30	58.50	94.50	121.50
Trenton, Ont.	1.17	1.89	2.43	11.70	18.90	24.30	58.50	94.50	121.50
Westmount, Que.	1.49	2.69	5.11	11.09	21.07	41.02	49.94	94.57	162.82
Pembroke, Ont.	1.58	3.15	6.30	12.51	22.05	40.05	49.05	94.05	184.05

Power

Load - H.P.	5			25			50		
Hours use	50	100	200	50	100	200	50	100	200
Monthly consumption - Kw.h.	186	373	746	932	1,864	3,728	1,864	3,728	7,457
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Trail, B.C.	4.46	7.18	12.25	19.69	22.82	40.43	39.38	40.43	75.67
Calgary, Alta.	4.75 ¹	5.97	10.21	23.75	29.80	51.05	47.50	59.60	102.11
Sault Ste. Marie, Ont.	5.23	6.35	6.91	26.18	31.78	34.57	52.37	63.55	69.14
Jonquiere, Que.	4.92	8.80	16.56	16.12	22.52	41.90	29.12	41.90	80.69

1. Minimum bill.

Domestic services include delivery of electricity to private residences for lighting, refrigeration, cooking, water heating and the operation of various electrical appliances. Commercial lighting includes delivery of electricity to stores, offices, factories, etc., for lighting purposes only. Outdoor sign lighting is generally in a separate category and the rates are different from those for commercial lighting. Street lighting is also in a separate class. Power service includes the delivery of electricity for the operation of electric motors.

The purpose of this presentation is to provide data for comparative purposes on the cost of electric service in the principal municipalities in Canada. Because of the various methods of computing costs it was necessary to select some arbitrary conditions, especially for the fixed charges, and use the same basic conditions in each municipality. In the large majority of municipalities the use of these arbitrary conditions was not necessary, the rates containing a fixed charge and a block rate for all consumptions irrespective of appliances used. Due to the steady rise since this report was first issued in the consumption of electricity for domes-

tic service, bills for some of the smaller consumptions were omitted from the report in 1954 and a bill for 1,000 kilowatt hours has been added.

Consumptions of 500 and 1,000 kilowatt hours include electricity used for water heating. Except where the entire water heater load was on a flat rate basis metered rates were used in working out these bills. For a few municipalities where all water heating is on a flat rate basis an arbitrary division was made between water heating and the metered services. A 500 kw. h. consumption was divided to include a metered consumption of 250 kw. h. plus an assumed 250 kw. h. consumed by a 500 watt heater. A consumption of 1,000 kw. h. was divided between 400 kw. h. metered and a 600 kw.h. consumption assumed for a heater of 1,000 watts. To show the effect of flat rate water heaters a bill for 1,000 kw. h. including a water heater of 1,000 watts has been shown for all municipalities where such heaters are in general use.

The consumption for cooking varies greatly even between customers in the same municipality and where the unit costs vary in different municipi-

palities the consumption for cooking tends to vary inversely with unit costs. Consequently a cooking consumption which may be fairly representative for the majority of the consumers in one municipality may be too large or too small for those in another municipality. This is also true of water heaters and other appliances, the consumption being governed largely by the unit price. Where service charges are based on two wire or three wire service, the higher charge was used only in calculating the bills for 300, 500 and 1,000 kilowatt hours.

On September 13, 1939, the Dominion Government imposed a tax of 8 p.c. on all domestic service bills in all provinces. This was removed November 17, 1947. In Quebec (2 p.c.) and Saskatchewan (3 p.c.) provincial taxes are in effect, and in British Columbia a Sales Tax of 3 p.c. was imposed on August 1, 1948 and subsequently increased to 5 p.c. on April 1, 1954. A few municipalities also impose a municipal sales tax. Montreal and environs added a 1 p.c. Education Tax in 1949, which has since been extended to many other municipalities throughout Quebec. All such taxes are included in the bills and the tables show where the provincial and municipal taxes apply.

The loads for which commercial lighting and power bills were computed were the billed loads. In some municipalities the billed load was a percentage of the connected load. In other municipalities it was the peak reached over a period, often 30 minutes, and had no direct relation to the connected load. In still other municipalities it was the connected load. A consumption of 200 hours per month would mean 100 per cent use of the load, for an average of 8 hours per day for 25 days, and 100 hours use would mean 50 per cent use of the load for the same time. If the billed load were less

than the connected load, the time or percentage use of the connected load would be correspondingly reduced to produce the same result and the same consumption of electricity. In all cases the bills were computed for the consumption in kilowatt hours shown in the tables at rates in effect on December 31, 1955.

In practically all cases the commercial light and power bills were computed for unrestricted 24-hour service. A service restricted to 10 hours, from 7 a.m. to 6 p.m., is sold at a lower rate than the unrestricted 24-hour service in many municipalities. No penalty was included for low power factors and no allowances were made for customers' guarantee deposits with the distributor, or other miscellaneous factors which enter into the billing practice in some municipalities.

In the column headed "Source of power" the letters "H" for hydraulic or water power and "T" for thermal, i.e., for fuel or steam, gas or oil engines, indicate the nature of the power used by the generating plant to produce the electricity sold in each municipality. In some cases hydro-electric plants have auxiliary or stand-by thermal engines used for peak loads or in emergencies. Such plants are classed as hydraulic.

The annual index is for the cost of electricity to consumers for domestic or residential use only and is not an index of the cost of power for industrial or other purposes. This index, by provinces, is produced by computing changes in the cost of bills for typical monthly consumptions for each of the 132 municipalities, weighted by the average annual revenue received by power distributors over the five year period 1935-1939. Weighted municipal indexes are combined to produce provincial indexes on a base 1935-1939 = 100.

Annual Index¹ of Electricity Bills for Domestic Service, by Province

(1935-1939 = 100)

Province	1939	1945	1949	1950	1951	1952	1953	1954	1955
Prince Edward Island.....	94.12	73.91	77.32	77.32	91.82	91.82	91.82	91.82	91.82
Nova Scotia.....	95.99	80.10	78.27	87.40	90.34	91.01	91.01	91.01	91.01
New Brunswick.....	104.49	90.49	85.39	85.39	88.73	88.73	88.73	88.73	88.73
Quebec.....	104.35	89.89	84.19	84.64	84.67	84.67	84.67	85.49	85.55
Ontario.....	100.96	86.10	81.65	90.78	90.94	91.54	100.84	100.81	100.89
Manitoba.....	108.43	105.77	97.71	97.35	97.40	97.40	97.28	97.28	97.28
Saskatchewan	107.00	106.28	96.98	97.98	98.19	98.15	98.15	98.15	92.75
Alberta.....	97.07	87.23	67.80	67.80	67.80	71.11	71.11	71.11	71.11
British Columbia.....	110.03	101.41	102.28	102.23	141.59	145.02	145.02	147.86	147.86
Canada ²	103.25	90.90	85.67	90.01	94.32	95.08	99.01	99.48	99.28

1. Based on electricity rates in effect December 31 each year.
2. Excluding Newfoundland.

The practice of making rebates to customers, started in 1943, was adopted in a greater number of municipalities in 1944 and was continued in 1945. In the period 1946 to 1948 only one company gave a rebate which was discontinued in 1949. There were no rebates reported in 1955. In some cases rebates represented one month's bill, in some it was an increase in discounts and in others it was a percentage of a year's bills. In municipalities where rebates or cancellations of bills were in effect, the rebates or cancellations applied to domestic service bills in all cases, and in many they applied to both light and power. No deductions for these rebates were made in computing the bills in former reports which are based on the rates in effect on December 31, but in computing the index numbers a deduction of one-twelfth of the rebate or cancelled bill was deducted for each succeeding twelve months from date of rebate in each municipality affected. This treatment reduced the Provincial and Canada index numbers even where rates were unchanged. A twelfth was used on the theory that the rebates were based on one year's purchases, and because it was not feasible to restate the previous index numbers, the effect was carried forward for a year. These index numbers should not be confused with unit costs; they indicate only the relative changes in costs-to-the-customers weighted by the average of 1935-1939 annual revenue for domestic service received by the distributors, with

the average bills of 1935-39 taken as the base. The Federal tax of 8 per cent in 1939 raised the bills in all provinces by the same proportion and consequently had the same effect on all index numbers irrespective of the unit prices. The cancellation of the tax in 1947 had the reverse effect on the index numbers, while the 3 p.c. sales tax imposed by British Columbia in 1948 increased the provincial index from 99.67 to 102.28. The 1954 increase in this tax (to 5 p.c.) is reflected in the index number which rose from 145.02 in 1953 to 147.86 in December, 1954. The increase in the Saskatchewan tax from 2 to 3 p.c. on April 1, 1950, likewise affected the index.

Few rate changes were reported during 1955. In Prince Edward Island decreased light and power rates were registered by Charlottetown. In Quebec the town of Megantic increased its rates. In Ontario increases were reported by North Bay and Barrie while Owen Sound reported a decrease in power rates and Alexandria showed a decrease in rates for all services. In the province of Saskatchewan a decrease in both light and power rates was reported by Saskatoon. This decrease in the Saskatoon rates was responsible for the drop of almost 6 points in the Saskatchewan index number which fell from 98.15 at December 31, 1954 to 92.75 at December 31, 1955. With increases in other provinces partly offsetting this Saskatchewan decline, the index number for Canada fell only slightly to 99.28 from the previous year's figure of 99.48.

TABLE 1. Monthly Bills (Net) for Domestic Service in Canada as at December 31, 1955

Province and Municipality	Source of power Hydraulic "H", Thermal "T"	Population 1951	Number of domestic service cus- tomers 1955	Average monthly con- sumption 1955	Minimum net bill	Lighting and small appli- ances	Lighting, small appli- ances, and refrig- eration	Lighting, etc., re- friger- ation and cooking	Lighting, etc. refrigeration, cooking and water heating				
									Metered rates	Using flat rate water heater			
						Monthly consumptions in kilowatt hours							
						25	60	100	180	300	500	1,000	1,000 ¹
Newfoundland:					kw.h.	\$	\$	\$	\$	\$	\$	\$	\$
St. Johns ²	H	52,873	12,942	310	1.04	1.19	2.22	3.05	4.71	6.31	8.37	13.52	—
Prince Edward Island:													
Charlottetown	T	15,887	4,433	145	2.00	2.15	3.20	4.40	6.80	9.40	13.40	23.40	—
Summerside	T	6,547	1,650	100	1.00	2.50	4.40	5.60	8.00	11.60	17.60	33.60	—
Nova Scotia:													
Amherst	T	9,870	5,494	126	1.50	2.00	3.53	4.65	6.26	9.04	12.84	22.34	16.94
Bridgewater	H	4,010	1,830	196	1.00	1.00	1.80	2.58	4.05	5.58	8.58	16.35	—
Dartmouth	H & T	15,037	14,294	225	1.50	1.50	2.25	3.25	5.25	7.35	9.55	15.05	—
Glace Bay	T	25,586	5,218	114	1.00	1.28	2.13	2.93	4.53	7.25	9.25	14.25	—
Halifax	H & T	85,589	24,248	283	1.50	1.50	2.25	3.25	5.25	7.35	9.55	15.05	—
New Glasgow	H & T	9,933	8,705	145	1.00	1.10	1.80	2.60	4.20	6.50	9.50	17.00	—
New Waterford	T	10,423	3,890	106	1.15	1.53	2.45	3.37	5.21	7.97	9.99	17.12	—
Pictou	H	4,259	1,046	138	1.00	1.05	1.80	2.60	4.20	6.60	10.60	20.60	—
Springhill	T	7,138	3,128	84	1.50	2.00	3.53	4.85	6.26	9.04	12.84	22.34	—
Sydney	T	31,317	15,231	161	1.10	1.29	2.15	3.20	5.00	7.70	9.75	16.80	—
Truro	T	10,756	4,518	217	1.00	1.36	2.34	3.44	4.73	6.68	8.92	18.02	—
Windsor	H & T	3,439	5,026	132	1.50	1.50	2.25	3.25	5.25	7.35	9.55	15.05	—
Yarmouth	H & T	8,106	6,253	76	1.00	1.83	3.20	4.20	6.20	8.50	11.50	19.00	—
New Brunswick:													
Bathurst	H & T	4,453	2,190	164	1.00	1.55	2.60	3.30	4.70	6.80	10.30	19.05	—
Campbellton	H & T	7,754	2,689	164	0.75	2.00	3.00	3.80	5.40	7.80	11.80	21.80	—
Chatham	H & T	5,223	1,186	161	1.50	2.40	3.60	4.80	7.20	10.80	16.80	31.80	—
Edmundston	H & T	10,753	2,400	174	0.50	2.00	3.75	4.55	6.00	7.80	10.80	18.30	—
Fredericton	H & T	16,018	4,763	212	1.00	1.43	2.30	3.30	5.30	8.05	12.05	22.05	—
Moncton	H & T	27,334	10,964	186	0.50	1.61	2.97	3.95	5.83	8.65	13.35	25.10	—
St. John	H & T	50,779	19,636	151	0.54	1.11	1.89	2.61	4.05	6.21	9.81	18.81	—
St. Stephen	H & T	3,769	1,612	104	1.50	1.95	3.00	4.20	6.20	9.20	14.20	26.70	—
Sackville	T	2,873	1,373	148	1.50	2.00	3.53	4.65	6.26	9.04	12.84	22.34	16.94
Sussex	H & T	3,224	997	92	0.60	1.20	2.88	4.48	7.04	10.88	17.28	33.28	—
Woodstock	H	3,996	2,276	163	1.00	1.70	3.45	4.70	6.30	8.70	11.70	19.20	—
Quebec:													
Actonvale ⁴	H	3,367	3,564	397	0.77	1.28	2.20	2.81	4.03	5.36	7.40	12.50	—
Cap de la Madeleine ^{4,5,6}	H	18,667	4,814	228	1.05	1.05	1.84	2.47	3.73	5.10	7.20	12.87	—
Chicoutimi ^{4,5,6}	H	23,216	4,540	498	0.79	0.93	1.84	2.16	2.79	3.73	5.31	9.24	—
Coaticook ^{4,5,6}	H & T	6,341	1,583	128	1.05	1.39	2.29	3.24	4.50	6.39	9.54	17.52	—
Cookshire ⁴	H	1,209	1,131	243	0.92	1.53	2.45	3.06	4.29	5.61	7.65	12.75	—
Farnham ⁴	H	4,926	2,230	510	0.77	1.28	2.20	2.81	4.03	5.36	7.40	12.50	—
Granby ^{4,5,6}	H	21,989	8,062	533	0.80	1.05	2.00	2.63	3.90	5.25	7.35	12.60	—
Hull ⁴	H	43,483	11,057	462	0.62	1.05	1.71	2.08	2.53	3.08	4.00	6.30	—
Joliette ^{4,5,6}	H	16,064	3,582	121	0.63	1.50	2.78	3.91	6.18	9.58	12.32	21.77	—
Jonquiere ^{4,5,6}	H	21,618	5,553	507	0.80	1.58	2.32	2.88	4.20	5.56	7.67	12.92	11.34
La Tuque ⁴	H	9,538	2,223	252	1.02	1.02	1.90	2.55	3.86	5.21	7.25	12.75	—
Levis ^{4,5,6}	H	13,163	2,739	298	0.63	0.89	1.58	2.11	3.16	4.28	5.98	10.25	—
Megantic ^{4,5,6}	H	6,164	2,070	76	1.58	2.29	3.94	4.99	7.09	8.98	12.13	20.01	—
Montreal ^{4,5,6}	H	1,395,400*	378,996	248	0.63	0.84	1.58	2.12	3.21	4.33	6.01	10.21	—
Noranda ⁴	H	9,872	2,188	452	0.77	0.82	1.53	2.35	3.17	4.19	5.82	9.90	—
Quebec ^{4,5,6}	H	164,016	38,833	273	0.63	0.89	1.58	2.11	3.16	4.28	5.98	10.25	—
Rimouski ^{4,5,6}	H & T	11,565	3,233	183	1.32	1.84	3.47	4.73	7.25	8.93	11.03	16.28	—
Riviere du Loup ^{4,5,6}	H & T	9,425	2,434	408	1.05	2.10	3.89	4.94	7.04	8.61	10.71	14.91	—
Rouyn ⁴	H	14,633	3,473	398	0.77	0.82	1.53	2.35	3.17	4.19	5.82	9.90	—
Ste. Agathe des Monts ^{4,5,6}	H	5,169	1,695	235	1.05	1.43	2.76	3.70	5.21	7.03	9.52	15.75	—

* Metropolitan area.

TABLE 1. Monthly Bills (Net) for Domestic Service in Canada as at December 31, 1955 — Continued

Province and Municipality	Source of power Hydraulic "H" Thermal "T"	Population 1951	Number of domestic service customers 1955	Average monthly con- sump- tion 1955	Minimum net bill	Lighting and small appli- ances	Lighting, small appli- ances, and refrig- eration	Lighting, etc., re- friger- ation and cooking	Lighting, etc. refrigeration, cooking and water heating										
									Metered rates	Using flat rate water heater									
						Monthly consumptions in kilowatt hours						25	60	100	180	300	500	1,000	1,000 ¹
					k.w.h.	\$	\$	\$	\$	\$	\$								
Quebec — concluded:																			
St. Hyacinthe ^{4,6,7}	H	20,236	12,472	566	1.03	1.28	2.21	2.83	4.07	5.40	7.46	12.61	—						
St. Jerome ^{4,5,6}	H	17,685	4,801	202	0.79	0.93	1.78	2.34	3.48	4.61	6.31	10.56	—						
St. Johns ^{4,6,8}	H	19,305	11,222	506	0.79	1.04	1.98	2.61	3.86	5.20	7.28	12.48	—						
Shawinigan Falls ⁴	H	26,903	6,490	251	1.02	1.02	1.79	2.40	3.63	4.95	6.99	12.50	—						
Sherbrooke ^{4,5,6}	H	50,543	16,920	147	0.78	1.19	2.37	3.29	5.12	7.28	10.69	19.19	—						
Sorel ^{4,5,6}	H	14,961	3,729	259	1.05	1.05	1.96	2.63	3.97	5.36	7.46	13.13	—						
Thetford Mines ^{4,5,6}	H	15,095	4,352	229	1.05	1.05	1.96	2.63	3.97	5.36	7.46	13.13	—						
Three Rivers ^{4,5,6}	H	46,074	11,715	275	1.05	1.05	1.84	2.47	3.73	5.10	7.20	12.87	—						
Val D'Or ⁴	H	8,685	2,059	396	0.77	0.82	1.53	2.35	3.17	4.19	5.82	9.90	—						
Valleyfield ⁴	H	22,414	5,874	257	1.02	1.02	1.79	2.40	3.63	4.95	6.99	12.50	—						
Westmount ^{4,5,6}	H	25,222	6,540	352	0.63	0.84	1.58	2.13	3.22	4.33	6.01	10.21	—						
Ontario:																			
Alexandria	H	2,204	622	272	1.00	1.00	1.40	1.76	2.48	3.56	5.36	9.86	—						
Barrie	H	12,514	4,431	516	0.75	0.75	1.30	1.66	2.38	3.46	5.26	9.76	8.06						
Belleville	H & T	19,519	5,865	515	0.75	0.75	0.97	1.26	1.84	2.70	4.14	7.74	6.57						
Brantford	H	36,727	14,047	375	0.75	0.75	1.19	1.62	2.48	3.78	5.94	11.34	8.82						
Brockville	H	12,301	3,895	373	0.75	0.75	1.08	1.44	2.16	3.24	5.04	9.84	—						
Chatham	H	21,218	6,111	204	1.00	1.00	2.05	2.56	3.56	5.08	7.60	13.90	10.66						
Cornwall	H	16,899	9,882	400	0.50	0.74	1.78	2.18	2.97	4.16	6.14	11.09	8.65						
Fort William	H	34,947	10,134	648	0.75	0.75	1.08	1.37	1.94	2.81	4.25	7.85	6.59						
Galt	H	19,207	7,394	433	0.75	0.75	1.62	2.02	2.81	4.00	5.98	10.93	8.59						
Goderich	H	4,934	1,818	361	0.75	0.75	1.78	2.29	3.29	4.81	7.33	13.63	10.75						
Guelph	H	27,386	9,013	357	0.75	0.75	1.35	1.75	2.54	3.73	5.71	10.66	8.50						
Hamilton	H	208,321	60,627	353	0.75	0.75	1.40	1.80	2.59	3.78	5.76	10.71	8.91						
Kenora	H	8,695	3,185	563	0.45	0.90	1.89	2.25	2.97	4.05	5.85 ⁹	10.35 ⁹	7.88						
Kingston	H	33,459	13,247	453	0.75	0.75	0.97	1.30	1.94	2.92	4.54	8.59	7.15						
Kirkland Lake	H	18,392 ¹⁰	4,588	259	0.75	0.80	1.50	2.30	3.10	4.60	6.60	11.60	—						
Kitchener	H	44,867	16,239	454	0.75	0.75	1.40	1.87	2.81	4.21	6.55	12.40	9.16						
Lindsay	H	9,603	2,959	383	0.75	0.75	1.40	1.87	2.81	4.21	6.55	12.40	9.34						
London	H	95,343	26,997	352	0.75	0.75	1.51	1.94	2.81	4.10	6.26	11.66	9.14						
Midland	H	7,206	2,305	340	1.00	1.00	1.35	1.75	2.54	3.73	5.71	10.66	—						
New Toronto	H	11,194	2,626	468	0.75	0.75	1.41	1.84	2.70	4.00	6.16	11.56	8.86						
Niagara Falls	H	22,874	6,113	423	0.90	0.90	1.13	1.49	2.21	3.29	5.09	9.59	7.52						
North Bay	H	17,944	5,153	451	1.00	1.00	1.35	1.78	2.65	3.94	6.10	11.50	8.80						
Orillia	H	12,110	4,124	395	0.75	0.75	1.24	1.57	2.21	3.19	4.81	8.86	—						
Oshawa	H	41,545	13,322	483	0.75	0.75	1.62	2.02	2.81	4.00	5.98	10.93	8.77						
Ottawa	H	202,045	60,544	541	0.75	1.05	1.67	2.03	2.48	3.02	3.92	6.17	—						
Owen Sound	H	16,423	4,892	358	1.00	1.00	1.30	1.69	2.48	3.67	5.65	10.60	8.44						
Pembroke	H	12,704	3,642	421	0.75	0.75	1.57	2.07	3.08	4.59	7.11 ⁹	13.41 ⁹	8.44						
Peterborough	H	38,272	11,559	488	0.75	0.75	1.40	1.87	2.81	4.21	6.55	12.40	8.98						
Port Arthur	H	31,161	10,091	492	0.75	0.75	1.08	1.37	1.94	2.81	4.25	7.85	—						
St. Catharines	H	37,984	11,653	370	0.90	0.90	1.46	2.00	3.08	4.70	7.40	14.15	9.83						
St. Thomas	H	18,173	5,783	358	0.75	0.75	1.73	2.16	3.02	4.32	6.48	11.88	9.27						
Sarnia	H	34,697	11,621	310	0.75	0.75	1.62	2.05	2.92	4.21	6.37	11.77	8.71						
Sault Ste. Marie	H	32,452	12,612	410	0.75	0.75	0.81	1.17	1.89	2.97	4.77	9.27	—						
Smiths Falls	H	8,441	2,770	387	0.75	0.75	1.40	1.76	2.48	3.56	5.36	9.86	7.98						
Stratford	H	18,785	5,788	446	0.75	0.75	1.57	2.00	2.86	4.16	6.32	11.72	9.11						
Sudbury	H	42,410	12,982	441	1.00	1.00	1.40	1.84	2.70	4.00	6.16	11.56	8.95						
Timmins	H	27,743	6,937	273	0.75	0.80	1.50	2.30	3.10	4.60	6.60	11.60	—						
Toronto	H & T	675,754	161,572	439	0.75	0.75	1.08	1.59	2.60	4.11	6.63	12.93	9.31						
Trenton	H & T	10,085	2,995	463	0.75	0.75	0.97	1.26	1.84	2.70	4.14	7.74	6.39						
Waterloo	H	11,991	4,514	460	0.75	0.75	1.40	1.80	2.59	3.78	5.76	10.71	8.64						
Welland	H	15,382	4,138	251	0.75	0.75	1.30	1.69	2.48	3.67	5.65	10.60	8.44						

TABLE 1. Monthly Bills (Net) for Domestic Service in Canada as at December 31, 1955 — Concluded

Province and Municipality	Source of power Hydraulic "H", Thermal "T"	Population 1951	Number of domestic service customers 1955	Average monthly consumption 1955	Minimum net off	Lighting and small appliances	Lighting, small appliances, and refrigeration	Lighting, etc., refrigeration and cooking	Lighting, etc. refrigeration, cooking and water heating				
									Metered Rates	Using flat rate water heater			
						Monthly consumptions in kilowatt hours							
				kw.h.		\$	\$	\$	\$	\$	\$	\$	\$
Ontario — concluded:													
Windsor	H & T	120,049	31,854	284	0.75	0.75	1.73	2.20	3.13	4.54	6.88	12.73	9.94
Woodstock	H	15,544	5,155	414	1.00	1.00	1.78	2.21	3.08	4.37	6.53	11.93	9.32
Manitoba:													
Brandon	H	20,598	6,017	537	1.00	1.35	2.84	3.56	4.72	5.80	7.60	12.10	10.95
Dauphin	H	6,007	1,764	458	1.00	1.57	3.33	4.05	5.22	6.30	8.10	12.60	11.45
Neepawa	H	2,895	888	360	1.00	1.80	3.78	4.50	5.67	6.75	8.55	13.05	11.90
Portage la Prairie	H	8,511	2,356	502	1.00	1.35	2.88	3.60	4.77	5.85	7.65	12.15	11.00
St. Boniface	H	26,342	6,755	596	0.50	0.75	1.59	2.16	2.88	3.96	5.00 ¹¹	7.86 ¹²	7.86
Selkirk	H	6,218	1,605	313	0.75	1.35	2.52	3.24	4.32	5.40	7.20	11.70	9.90
The Pas	T	3,376	1,065	76	0.90	2.47	5.13	6.57	9.45	13.77	20.97	38.97	—
Winnipeg ¹⁵	H & T	235,710	65,673	590	0.52	0.77	1.64	2.22	2.96	4.07	4.84 ¹¹	7.47 ¹²	7.47
Saskatchewan:													
Moose Jaw ¹³	T	24,355	8,372	281	0.44	1.46	2.78	4.36	6.31	7.36	10.49	17.06	12.74
North Battleford ^{13,17}	T	7,473	2,237	260	1.63	1.63	3.40	4.59	6.32	8.26	11.50	19.60	14.90
Prince Albert ^{13,18}	T	17,149	4,830	164	1.13	1.98	3.84	4.41	6.22	8.93	13.45	24.75	—
Regina ¹³	T	71,319	22,371	312	0.98	1.37	2.74	4.30	7.05	6.85	9.78	17.13	—
Saskatoon ¹³	T	53,268	18,088	216	0.98	1.47	3.13	3.91	5.48	7.58	10.52	17.86	—
Swift Current ^{13,17}	T	7,458	2,782	165	1.63	2.43	4.92	5.41	8.00	11.90	18.38	34.61	—
Weyburn ¹³	T	7,148	1,575	206	1.03	2.37	3.99	5.10	7.14	9.36	13.07	22.34	—
Alberta:													
Calgary	H	129,060	42,133	178	0.81	1.19	1.77	2.43	3.73	4.99	7.08	12.30	—
Drumheller	T	2,601	972	199	1.25	1.75	2.63	3.63	5.08	6.88	9.88	17.38	13.37
Edmonton	T	159,631	52,542	152	0.95	0.95	1.90	2.66	4.04	5.04	6.34	10.26	—
Lethbridge	T	22,947	7,520	124	1.08	1.53	2.93	4.01	5.45	6.65	9.80	17.67	—
Macleod	H	1,860	549	69	1.50	2.25	4.50	6.66	10.98	14	14	14	—
Medicine Hat	T	16,364	5,824	121	1.00	1.50	2.25	2.85	4.05	5.85	8.85	16.35	—
British Columbia:													
Cranbrook ¹⁶	H	3,621	1,587	190	1.05	1.75	2.95	4.15	6.55	8.90	12.40	21.15	—
Kamloops ¹⁶	H	8,099	19	259	1.04	1.65	3.12	4.06	5.67	8.79	10.68	15.40	—
Nanaimo ¹⁶	H	7,196	19	282	1.04	1.65	3.02	3.78	5.10	7.94	9.83	14.55	—
Nelson ¹⁶	H	6,772	3,371	345	1.31	1.66	2.69	3.64	5.53	6.76	8.27	12.62	—
New Westminster ¹⁶	H	28,639	8,554	274	0.53	1.59	3.41	4.47	6.56	8.40	10.50	16.41	—
North Vancouver ¹⁶	H	15,687	12,336	431	0.53	1.31	3.15	4.20	6.30	8.72	10.29	15.49	—
Prince Rupert ¹⁶	H & T	8,546	3,453	332	0.79	1.73	2.94	3.78	5.46	7.98	12.18	22.68	13.86
Trail ¹⁶	H	11,430	4,033	536	1.31	1.31	1.89	2.65	4.16	5.48	5.95	8.89	—
Vancouver ¹⁶	H	344,833	95,823	314	0.53	1.31	3.15	4.20	6.30	8.72	10.29	15.49	—
Victoria ¹⁶	H	51,331	29,628	274	0.79	1.31	3.15	4.20	6.30	8.78	10.67	16.28	—

1. Includes a metered consumption of 400 kw. hrs. for lighting, cooking and appliances plus a flat rate water heater of 1,000 watts.

2. Bills include a provincial sales tax of 3 p.c.

3. 1952 data.

4. Bills include provincial sales tax of 2 p.c.

5. Bills include municipal sales tax of 2 p.c.

6. Bills include special tax of 1 p.c. for educational purposes.

7. Bills include a municipal tax of 25 cents.

8. Bills include a municipal sales tax of 1 p.c.

9. Computed on metered rate although most of water heater load is on a flat rate basis.

10. Tech Township.

11. Includes flat rate water heater of 500 watts.

12. Includes flat rate water heater of 1,000 watts.

13. Bills include provincial education and hospital tax of 3 p.c.

14. No cooking or water heating service.

15. Bills include municipal tax of 2½ p.c.

16. Bills include provincial tax of 5 p.c.

17. Bills include surcharge of 5 p.c.

18. Bills include surcharge of 10 p.c.

19. Data not available. Average applies to entire power district.

TABLE 2. Monthly Bills (Net) for Unrestricted 24-Hour Commercial Lighting Service in Canada as at December 31, 1955

Province and Municipality	Source of power Hydraulic "H" Thermal "T"	Billed load									
		1 Kilowatt			10 Kilowatts			50 Kilowatts			
		Hours use									
		50	100	200	50	100	200	50	100	200	
Kw.h. Consumption											
		50	100	200	500	1,000	2,000	2,500	5,000	10,000	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Newfoundland:											
St. John's ¹	H	3.11	4.14	6.20	31.05	41.35	61.95	139.80	191.30	294.30	
Prince Edward Island:											
Charlottetown	T	3.10	4.10	6.10	36.00	46.00	66.00	180.00	230.00	330.00	
Summerside	T	5.00	9.00	14.00	38.00	63.00	113.00	178.00	303.00	553.00	
Nova Scotia:											
Amherst	T	3.75	6.25	10.15	37.50	62.50	101.50	187.50	312.50	507.50	
Bridgewater	H	2.50	4.00	6.00	25.00	40.00	60.00	125.00	200.00	300.00	
Dartmouth	H & T	3.00	4.75	7.00	30.00	47.50	70.00	150.00	237.50	350.00	
Glace Bay	T	2.87	4.75	7.00	28.75	47.50	70.00	143.75	237.50	350.00	
Halifax	H & T	3.00	4.75	7.00	30.00	47.50	70.00	150.00	237.50	350.00	
New Glasgow	H & T	2.00	3.00	5.00	20.00	30.00	50.00	100.00	150.00	250.00	
New Waterford	T	3.75	6.35	8.65	37.50	63.50	86.50	187.50	317.50	432.50	
Pictou	H	2.50	4.00	6.00	25.00	40.00	60.00	125.00	200.00	300.00	
Springhill	T	3.75	6.25	10.15	37.50	62.50	101.50	187.50	312.50	507.50	
Sydney	T	3.15	5.20	7.45	31.50	52.00	74.50	157.50	260.00	372.50	
Truro	T	2.48	4.07	6.25	24.84	40.68	62.46	124.20	203.40	312.30	
Windsor	H & T	3.00	4.75	7.00	30.00	47.50	70.00	150.00	237.50	350.00	
Yarmouth	H & T	3.50	6.00	8.50	35.00	60.00	85.00	175.00	300.00	425.00	
New Brunswick:											
Bathurst	H & T	3.10	4.10	5.85	16.60	26.60	44.10	76.60	126.60	214.10	
Campbellton	H & T	3.50	7.00	12.00	25.00	45.00	85.00	105.00	205.00	405.00	
Chatham	H & T	3.30	4.80	7.80	16.80	31.80	61.80	76.80	151.80	301.80	
Edmundston	H & T	3.50	6.00	10.00	20.00	33.00	53.00	63.00	113.00	213.00	
Fredericton	H & T	3.00	4.80	7.80	25.80	40.80	60.80	110.80	160.80	260.80	
Moncton	H & T	3.31	5.46	9.76	22.66	39.16	63.66	75.91	137.16	259.66	
Saint John	H & T	2.20	2.86	4.23	18.99	25.74	39.24	94.95	128.70	196.20	
St. Stephen	H & T	3.50	5.50	8.50	26.70	44.20	74.20	128.70	216.20	341.70	
Sackville	T	3.75	6.25	10.15	37.50	62.50	101.50	187.50	312.50	507.50	
Sussex	H & T	2.40	4.80	9.60	24.00	48.00	96.00	120.00	240.00	480.00	
Woodstock	H	3.34	6.04	10.04	22.04	32.04	52.04	62.04	112.04	212.04	
Quebec:											
Acton Vale ²	H	2.14	3.37	4.90	21.42	33.66	48.96	107.10	168.30	244.80	
Cap de la Madeleine ^{2,3,4}	H	1.68	3.03	4.62	16.80	30.45	46.20	84.00	152.25	231.00	
Chicoutimi ^{2,3,4}	H	1.89	3.31	6.15	14.65	28.83	36.70	71.35	142.23	181.60	
Coaticook ^{2,3,4}	H	2.05	3.24	4.81	20.48	32.28	48.03	-	-	-	
Cookshire ²	H	2.30	3.52	5.05	22.95	35.19	50.49	114.75	175.95	252.45	
Farnham ²	H	2.14	3.37	4.90	21.42	33.66	48.96	107.10	168.30	244.80	
Granby ^{2,3,4}	H	2.10	3.37	4.95	21.00	33.60	49.35	105.00	168.00	246.75	
Hull ²	H	1.42	2.39	2.85	14.23	23.87	28.46	71.15	119.34	142.30	
Joliette ^{2,3,4}	H	2.23	4.20	7.35	14.44	26.25	49.88	61.70	120.78	238.88	
Jonquiere ^{2,3,4}	H	2.33	6.47	8.67	21.28	42.28	84.28	105.28	210.28	420.28	
La Tuque ²	H	1.74	3.17	4.80	17.34	31.62	47.94	86.70	158.10	239.70	
Levis ^{2,3,4}	H	1.63	2.78	4.25	16.28	27.83	42.53	81.38	139.13	212.83	
Megantic ^{2,3,4}	H	3.68	5.62	8.24	29.66	49.09	69.04	145.16	242.29	369.08	
Montreal ^{2,3,4}	H	1.33	2.33	4.33	15.75	26.25	43.05	78.75	131.25	215.25	

TABLE 2. Monthly Bills(Net)for Unrestricted 24-Hour Commercial Lighting Service in Canada as at December 31,1955—Continued

Province and municipality	Source of power Hydraulic "H" Thermal "T"	Billed load								
		1 Kilowatt			10 Kilowatts			50 Kilowatts		
		Hours use								
		50	100	200	50	100	200	50	100	200
K.w.h. Consumption										
		\$	\$	\$	\$	\$	\$	\$	\$	\$
Quebec — Concluded:										
Noranda ²	H	2.30	3.32	4.34	11.48	21.68	31.88	52.28	103.28	154.28
Quebec ^{2,3,4}	H	1.63	2.78	4.25	16.28	27.83	42.53	81.38	139.13	212.63
Rimouski ^{2,3,4}	H & T	3.05	4.62	6.72	30.45	46.20	67.20	152.25	231.00	336.00
Riviere du Loup ^{2,3,4}	H & T	4.20	5.52	8.14	42.00	55.13	81.38	210.00	275.63	406.88
Rouyn ²	H	2.30	3.32	4.34	11.48	21.68	31.88	52.28	103.28	154.28
Ste. Agathe des Monts ^{2,3,4}	H	2.00	3.57	6.72	17.85	33.60	48.30	89.25	168.00	241.50
Ste. Hyacinthe ^{2,4,5}	H	2.31	3.55	5.10	20.85	33.21	48.66	103.25	165.05	242.30
St. Jerome ^{2,3,4}	H	1.64	3.06	5.89	15.54	29.72	44.42	77.70	148.58	222.08
St. Johns ^{2,4,6}	H	2.08	3.33	4.90	20.80	33.28	48.88	104.00	116.40	244.40
Shawinigan Falls ²	H	1.64	2.96	4.49	16.32	29.58	44.88	81.60	147.90	224.40
Sherbrooke ^{2,3,4}	H	2.43	4.84	9.68	24.20	48.38	96.76	120.95	241.89	483.79
Sorel ^{2,3,4}	H	1.79	3.26	4.94	17.85	32.55	49.35	89.25	162.75	246.75
Thetford Mines ^{2,3,4}	H	1.79	3.26	4.94	17.85	32.55	49.35	89.25	162.75	246.75
Three Rivers ^{2,3,4}	H	1.68	3.05	4.62	16.80	30.45	46.20	84.00	152.25	231.00
Val d'Or ²	H	2.30	3.32	4.34	11.48	21.68	31.88	52.28	103.28	154.28
Valleyfield ²	H	1.64	2.96	4.49	16.32	29.58	44.88	81.60	147.90	224.40
Westmount ^{2,3,4}	H	1.49	2.69	5.11	11.09	21.07	41.02	49.94	94.57	162.82
Ontario:										
Alexandria	H	1.44	2.43	3.15	14.40	24.30	31.50	72.00	121.50	157.50
Barrie	H	1.35	2.25	2.97	13.50	22.50	29.70	67.50	112.50	148.50
Belleville	H & T	1.17	1.89	2.43	11.70	18.90	24.30	58.50	94.50	121.50
Brantford	H	1.26	2.07	2.70	12.60	20.70	27.00	63.00	103.50	135.00
Brockville	H	1.22	1.98	2.70	12.15	19.80	27.00	60.75	99.00	135.00
Chatham	H	1.93	3.42	4.50	19.35	34.20	45.00	96.75	171.00	225.00
Cornwall	H	1.48	2.97	3.96	14.85	29.70	39.60	74.25	138.50	198.00
Fort William	H	1.30	2.16	2.52	13.05	21.60	25.20	65.25	108.00	126.00
Galt	H	1.58	2.70	3.60	15.75	27.00	38.00	78.75	135.00	180.00
Goderich	H	1.75	3.06	4.05	17.55	30.60	40.50	87.75	153.00	202.50
Guelph	H	1.35	2.25	3.06	13.50	22.50	30.60	67.50	112.50	153.00
Hamilton	H	1.30	2.16	2.79	13.05	21.60	27.90	65.25	108.00	139.50
Kenora	H	2.25	4.05	4.50	22.50	40.50	45.00	112.50	202.50	225.00
Kingston	H	1.13	1.80	2.61	11.25	18.00	26.10	56.25	90.00	130.50
Kirkland Lake	H	2.50	3.50	4.50	11.50	21.50	31.50	51.50	101.50	151.50
Kitchener	H	1.49	2.52	3.42	14.85	25.20	34.20	74.25	126.00	171.00
Lindsay	H	1.44	2.43	3.60	14.40	24.30	36.00	72.00	121.50	180.00
London	H	1.44	2.43	2.97	14.40	24.30	29.70	72.00	121.50	148.50
Midland	H	1.35	2.25	3.24	13.50	22.50	32.40	67.50	112.50	162.00
New Toronto	H	1.35	2.25	3.15	13.50	22.50	31.50	67.50	112.50	157.50
Niagara Falls	H	1.30	2.16	2.97	13.05	21.60	29.70	65.25	108.00	148.50
North Bay	H	1.35	2.25	3.06	13.50	22.50	30.60	67.50	112.50	153.00
Orillia	H	1.26	2.07	2.79	12.60	20.70	27.90	63.00	103.50	139.50
Oshawa	H	1.57	2.70	3.42	15.75	27.00	34.20	78.75	135.00	171.00
Ottawa	H	1.39	2.34	2.79	13.95	23.40	27.90	69.75	117.00	139.50
Owen Sound	H	1.40	2.34	3.24	13.95	23.40	32.40	69.75	117.00	162.00
Pembroke	H	1.58	3.15	6.30	12.51	22.05	40.05	49.05	94.05	184.05
Peterborough	H	1.40	2.34	3.42	13.95	23.40	34.20	69.75	117.00	171.00
Port Arthur	H	1.31	2.16	2.52	13.05	21.60	25.20	65.25	108.00	126.00
St. Catharines	H	1.48	2.52	3.51	14.85	25.20	35.10	74.25	126.00	175.50
St. Thomas	H	1.49	2.52	3.06	14.85	25.20	30.60	74.25	126.00	153.00

TABLE 2. Monthly Bills(Net)for Unrestricted 24-Hour Commercial Lighting Service in Canada as at December 31, 1955—Concluded

Province and municipality	Source of power Hydraulic "H" Thermal "T"	Billed load									
		1 Kilowatt			10 Kilowatts			50 Kilowatts			
		Hours use									
		50		100	200	50	100	200	50	100	200
		Kw.h. Consumption									
		50	100	200	500	1,000	2,000	2,500	5,000	10,000	\$
Ontario — Concluded:		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Sarnia	H	1.58	2.70	3.42	15.75	27.00	34.20	78.75	135.00	171.00	
Sault Ste. Marie	H	1.14	1.74	2.94	11.40	17.40	29.40	57.00	87.00	147.00	
Smiths Falls	H	1.35	2.25	2.88	13.50	22.50	28.80	67.50	112.50	144.00	
Stratford	H	1.53	2.61	3.24	15.30	26.10	32.40	76.50	130.50	162.00	
Sudbury	H	1.53	2.61	3.69	15.30	26.10	36.90	76.50	130.50	184.50	
Timmins	H	2.50	3.50	4.50	11.50	21.50	31.50	51.50	101.50	151.50	
Toronto	H & T	1.71	2.66	3.29	17.10	26.55	32.85	85.50	132.75	164.25	
Trenton	H & T	1.17	1.89	2.43	11.70	18.90	24.30	58.50	94.50	121.50	
Waterloo	H	1.44	2.43	3.33	14.40	24.30	33.30	72.00	121.50	166.50	
Welland	H	1.40	2.34	3.24	13.95	23.40	32.40	69.75	117.00	162.00	
Windsor	H & T	1.71	2.97	4.14	17.10	29.70	41.40	85.50	148.50	207.00	
Woodstock	H	1.63	2.70	3.60	15.75	27.00	36.00	78.75	135.00	180.00	
Manitoba:											
Brandon	H	2.70	5.40	8.10	14.40	23.40	41.40	50.40	95.40	185.40	
Dauphin	H	2.70	5.40	8.10	14.40	23.40	41.40	50.40	95.50	185.40	
Neepawa	H	2.70	5.40	8.10	14.40	23.40	41.40	50.40	95.40	185.40	
Portage la Prairie	H	2.70	5.40	8.10	14.40	23.40	41.40	50.40	95.40	185.40	
St. Boniface	H	1.34	2.66	5.34	13.34	25.33	46.00	56.00	103.34	177.33	
Selkirk	H	2.70	5.40	8.10	14.40	23.40	41.40	—	—	—	
The Pas	T	4.95	8.55	13.95	49.50	85.50	139.50	247.50	427.50	697.50	
Winnipeg ⁷	H	1.42	2.83	5.68	14.18	26.81	48.88	59.50	109.80	188.43	
Saskatchewan:											
Moose Jaw ⁸	T	2.40	4.36	6.80	23.97	43.54	68.01	119.86	217.71	337.07	
North Battleford ^{8,9}	T	3.24	5.95	9.72	31.32	51.84	80.73	140.40	224.11	359.11	
Prince Albert ^{8,10}	T	3.28	5.82	10.12	31.72	49.29	73.65	148.42	205.07	318.37	
Regina ⁸	T	2.45	4.41	7.83	22.51	39.63	68.99	103.24	149.71	235.33	
Saskatoon ⁸	T	3.18	5.14	9.05	23.00	42.57	71.92	96.39	169.77	316.55	
Swift Current ^{8,9}	T	4.87	9.73	18.39	42.18	76.79	141.68	174.12	336.35	660.80	
Weyburn ⁸	T	4.17	7.42	12.05	25.96	49.13	95.48	111.30	220.43	—	
Alberta:											
Calgary	H	2.37	4.75	9.50	21.85	33.25	52.25	61.75	109.25	204.25	
Drumheller	T	3.00	5.00	8.50	22.00	37.00	67.00	102.00	177.00	327.00	
Edmonton	T	1.90	3.80	7.13	17.10	28.03	47.03	56.53	104.03	199.03	
Lethbridge	T	3.15	5.40	9.90	25.65	39.15	61.65	90.90	147.15	259.65	
Macleod	H	4.86	9.36	14.85	31.05	58.05	112.05	139.05	274.05	543.87	
Medicine Hat	T	2.00	4.00	7.00	15.00	25.00	45.00	55.00	105.00	205.00	
British Columbia:											
Cranbrook ¹¹	H	2.65	4.15	7.15	16.15	31.15	61.15	76.15	151.15	301.15	
Kamloops ¹¹	H	6.05*	6.05	9.26	30.24	46.30	55.78	151.20	231.53	278.78	
Nanaimo ¹¹	H	6.05*	6.05	9.17	30.24	45.83	50.56	151.20	229.16	252.79	
Nelson ¹¹	H	2.83	5.67	11.34	26.46	47.25	74.19	118.12	198.45	302.40	
New Westminster ¹¹	H	2.63	4.52	7.67	26.25	43.58	75.08	105.00	183.75	341.25	
North Vancouver ¹¹	H	3.02	4.78	7.19	30.19	47.70	71.85	138.06	214.99	335.74	
Prince Rupert ¹¹	H & T	4.20	8.40	10.35	42.00	84.00	103.53	210.00	420.00	517.65	
Trail ¹¹	H	2.84	5.67	8.51	15.59	27.41	51.03	62.84	121.91	240.03	
Vancouver ¹¹	H	2.42	3.99	6.41	24.15	39.85	64.00	108.66	176.66	297.41	
Victoria ¹¹	H	2.42	4.83	9.66	24.15	39.11	69.04	84.00	158.81	241.50	

1. Bills include provincial sales tax of 3 p.c.

2. Bills include provincial tax of 2 p.c.

3. Bills include municipal tax of 2 p.c.

4. Bills include special tax of 1 p.c. for educational purposes.

5. Bills include municipal tax of 25 cents.

6. Bills include municipal tax of 1 p.c.

7. Bills include municipal tax of 5 p.c.

8. Bills include provincial education and hospital tax of 3 p.c.

9. Bills include surcharge of 5 p.c.

10. Bills include surcharge of 10 p.c.

11. Bills include provincial tax of 5 p.c.

* Minimum bill.

TABLE 3. Monthly Bills (Net) for Unrestricted 24-Hour Power Service in Canada as at December 31, 1955

Province and Municipality	Source of Power Hydraulic "H" Thermal "T"	Billed load										
		5 Horse power			25 Horse power			50 Horse power				
		Hours use										
		50	100	200	50	100	200	50	100	200		
		Kw.h. Consumption										
		186	373	746	932	1,864	3,728	1,864	3,728	7,457		
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
Newfoundland¹:												
St. John's	H	9.53	14.21	18.90	47.70	71.00	97.44	95.40	142.00	188.89		
Prince Edward Island:												
Charlottetown.....	T	13.41	17.15	24.61	67.10	85.74	123.02	134.20	171.48	246.06		
Summerside.....	T	11.66	19.15	37.80	47.10	68.42	124.34	68.42	124.34	236.21		
Nova Scotia:												
Amherst.....	T	10.58	16.19	26.40	52.96	80.92	131.93	105.92	161.84	283.88		
Bridgewater	H	6.54	9.35	13.71	32.73	46.71	68.53	65.46	93.42	137.07		
Dartmouth.....	H & T	8.26	11.53	16.83	41.31	57.62	84.11	82.62	115.24	168.21		
Glace Bay.....	T	7.93	12.14	18.68	39.72	60.69	93.37	79.45	121.38	186.74		
Halifax	H & T	8.26	11.53	16.83	41.31	57.62	84.11	82.62	115.24	168.21		
New Glasgow.....	H & T	6.54	9.35	14.33	32.73	46.71	71.62	65.46	93.42	143.21		
New Waterford	T	8.63	12.93	19.65	43.19	64.62	98.24	86.37	129.24	196.48		
Pictou.....	H	7.47	11.21	16.82	37.39	56.03	84.05	74.78	112.06	168.11		
Springhill	T	10.58	16.19	26.40	52.96	80.92	131.93	105.92	161.84	283.88		
Sydney.....	T	8.34	12.54	18.89	41.72	62.69	94.44	83.44	125.38	188.89		
Truro	T	6.14	13.18	14.71	31.21	47.33	73.52	64.21	94.64	147.04		
Windsor.....	H & T	6.26	11.53	16.83	41.31	57.62	84.11	82.62	115.24	168.21		
Yarmouth.....	H & T	8.40	13.08	19.94	42.05	65.35	99.67	84.10	130.70	199.38		
New Brunswick:												
Bathurst	H & T	11.52	17.37	23.75	55.97	85.14	117.02	111.52	170.12	233.63		
Campbellton.....	H & T	9.53	12.36	14.61	47.67	61.78	73.03	50.33	123.56	146.16		
Chatham	H & T	10.36	14.14	19.17	51.86	70.73	95.90	103.72	141.46	191.80		
Edmundston	H & T	6.71	9.22	12.57	33.56	46.14	62.92	67.12	92.29	125.83		
Fredericton.....	H & T	14.30	22.92	35.38	60.96	88.92	127.56	113.92	152.56	227.14		
Moncton.....	H & T	10.30	18.19	27.78	32.15	54.05	97.86	54.05	97.86	185.49		
Saint John.....	H & T	10.30	14.00	19.03	30.50	43.06	68.24	60.49	86.15	136.49		
St. Stephen	H & T	11.16	20.92	33.38	38.96	58.28	95.56	58.28	95.56	170.14		
Sackville.....	T	10.58	16.19	26.40	52.96	80.92	131.93	105.92	161.84	283.88		
Sussex.....	H & T	5.95	11.94	23.87	29.82	59.65	119.30	59.65	119.30	238.62		
Woodstock.....	H	8.44	15.92	29.38	34.96	61.80	108.20	61.60	108.20	201.42		
Quebec:												
Actonvale ²	H	10.37	12.29	14.03	46.75	56.19	64.82	93.50	112.62	129.86		
Cap de la Madeleine ^{2, 3, 4}	H	9.16	11.27	13.19	45.83	56.33	65.92	91.65	112.65	131.84		
Chicoutimi ^{2, 3, 4}	H	7.13	9.11	10.29	35.42	45.22	51.11	69.79	89.37	101.13		
Coaticook ^{2, 3, 4}	H	8.86	10.83	13.25	44.35	54.12	66.37	—	—	—		
Cookshire ²	H	10.37	12.29	14.03	46.75	56.19	64.82	93.50	112.62	129.86		
Farnham ²	H	10.37	12.29	14.03	46.75	56.19	64.82	93.50	112.62	129.86		
Granby ^{2, 3, 4}	H	10.68	12.65	14.45	48.13	57.84	66.74	96.26	115.93	133.68		
Hull ²	H	7.15	8.88	10.02	35.79	44.34	49.99	71.56	88.69	100.00		
Joliette ^{2, 3, 4}	H	8.30	9.82	12.84	41.00	48.64	63.68	81.06	96.10	126.19		
Jonquiere ^{2, 3, 4}	H	4.92	8.80	16.56	16.12	22.52	41.90	29.12	41.90	80.69		
La Tuque ²	H	8.90	10.95	12.82	44.52	54.72	64.04	89.03	109.43	128.08		
Levis ^{2, 3, 4}	H	8.38	10.26	11.59	41.91	51.23	57.93	83.82	102.43	115.89		
Megantic ^{2, 3, 4}	H	12.76	17.30	21.22	64.24	86.51	106.08	127.68	173.02	212.71		
Montreal ^{2, 3, 4}	H	8.02	9.40	11.35	40.14	46.99	56.77	80.27	93.98	113.55		

TABLE 3. Monthly Bills (Net) for Unrestricted 24-Hour Power Service in Canada as at December 31, 1955 — Continued

Province and Municipality	Source of Power Hydraulic "H" Thermal "T"	Billed load									
		5 Horse power			25 Horse power			50 Horse power			
		Hours use									
		50	100	200	50	100	200	50	100	200	
Kw.h. Consumption											
		186	373	746	932	1,864	3,728	1,864	3,728	7,457	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Quebec — concluded:											
Noranda ²	H	7.95	9.93	12.48	39.76	49.62	62.37	79.52	99.23	124.74	
Quebec ^{2, 3, 4}	H	8.38	10.26	11.59	41.91	51.23	57.93	83.82	102.43	115.89	
Rimouski ^{2, 3, 4}	H & T	11.11	13.37	15.47	55.61	66.83	77.33	111.22	133.65	154.66	
Riviere du Loup ^{2, 3, 4}	H & T	5.25	7.84	15.67	26.25	39.15	76.29	52.50	78.29	156.60	
Rouyn ²	H	7.95	9.93	12.48	39.76	49.62	62.37	79.52	99.23	124.74	
Ste-Agathe des Monts ^{2, 3, 4}	H	8.77	10.67	12.00	43.87	53.32	60.04	87.73	106.63	120.09	
St. Hyacinthe ^{2, 4, 5}	H	10.72	12.66	14.42	47.46	56.99	65.71	94.67	113.97	131.38	
St. Jerome ^{2, 3, 4}	H	8.77	10.67	12.02	43.87	53.32	60.04	87.73	106.63	120.09	
St. Johns ^{2, 4, 6}	H	10.57	12.53	14.31	47.67	57.29	66.10	95.34	114.82	132.44	
Shawinigan Falls ²	H	8.90	10.95	12.82	44.52	54.72	64.04	89.03	109.43	126.08	
Sherbrooke ^{2, 3, 4}	H	12.73*	12.73*	12.73*	58.57*	58.57*	58.57*	117.13*	117.13*	117.13*	
Sorel ^{2, 3, 4}	H	9.16	11.27	13.19	45.83	56.33	65.92	91.65	112.65	131.84	
Thetford Mines ^{2, 3, 4}	H	9.16	11.27	13.19	45.83	56.33	65.92	91.65	112.65	131.84	
Three Rivers ^{2, 3, 4}	H	9.16	11.27	13.19	45.83	56.33	65.92	91.65	112.65	131.84	
Val d'Or ²	H	7.95	9.93	12.48	39.76	49.62	62.37	79.52	99.23	124.74	
Valleyfield ²	H	8.90	10.95	12.82	44.52	54.72	64.04	89.03	109.43	128.08	
Westmount ^{2, 3, 4}	H	4.77	8.55	15.94	42.89	54.37	66.83	66.21	108.82	133.66	
Ontario:											
Alexandria	H	8.39	10.92	12.01	41.96	54.54	60.08	83.94	109.09	120.16	
Barrie	H	5.70	7.21	8.05	28.52	36.07	40.27	57.06	72.16	80.55	
Belleville	H & T	5.53	6.88	7.73	27.69	34.41	38.60	55.38	68.80	77.18	
Brantford	H	6.37	7.88	8.88	31.89	39.44	44.47	63.77	78.87	88.94	
Brockville	H	6.36	7.88	8.87	31.88	39.43	44.49	63.76	78.88	88.95	
Chatham	H	7.90	10.09	11.43	39.46	50.37	57.09	78.89	100.71	114.15	
Cornwall	H	15.50*	15.50*	15.50*	49.41	73.64	95.09	98.82	147.29	190.19	
Fort William	H	5.70	7.22	8.06	28.53	36.08	40.28	57.06	72.16	80.56	
Galt	H	8.29	9.97	10.98	35.14	43.52	48.56	68.70	85.47	95.54	
Goderich	H	9.39	12.59	13.72	46.99	62.94	88.50	93.95	124.92	135.99	
Guelph	H	5.87	7.71	8.72	29.36	38.58	43.61	58.72	77.17	87.24	
Hamilton	H	5.67	7.17	8.51	28.57	36.10	42.84	57.06	72.16	85.00	
Kenora	H	10.05	12.29	14.15	49.18	60.36	69.68	96.10	118.47	137.11	
Kingston	H	6.37	7.88	8.88	31.89	39.44	44.47	63.77	78.88	88.95	
Kirkland Lake	H	5.22	8.96	12.69	20.14	38.78	57.42	87.28	124.56	161.85	
Kitchener	H	7.55	9.89	10.91	37.75	49.49	54.52	75.49	98.96	108.05	
Lindsay	H	6.88	8.89	9.89	34.40	44.46	49.49	68.80	88.94	99.01	
London	H	6.37	7.88	8.89	31.89	39.45	44.48	63.77	78.88	88.95	
Midland	H	5.87	7.71	8.72	29.36	38.58	43.61	58.72	77.17	87.24	
New Toronto	H	6.71	8.39	9.40	33.55	41.94	46.97	67.11	83.88	93.95	
Niagara Falls	H	5.53	6.89	8.23	27.69	34.41	41.12	55.38	68.80	82.22	
North Bay	H	7.55	9.90	10.90	37.78	49.50	54.53	75.51	99.00	109.06	
Orillia	H	5.70	7.21	8.22	28.52	36.07	41.10	57.04	72.14	82.21	
Oshawa	H	6.88	8.90	9.92	34.40	44.47	49.53	68.80	88.94	99.03	
Ottawa	H	5.74	7.29	7.67	28.76	36.46	38.39	57.52	72.94	76.80	
Owen Sound	H	5.87	7.72	8.72	29.37	38.59	43.62	58.73	77.18	87.26	
Pembroke	H	8.90	11.14	12.37	44.68	55.86	62.01	89.50	111.87	124.18	
Peterborough	H	6.37	7.88	8.88	31.89	39.44	44.47	63.77	78.87	88.94	
Port Arthur	H	5.70	7.22	8.06	28.53	36.08	40.28	57.06	72.16	80.55	
St. Catharines	H	7.17	9.34	10.35	36.13	47.06	52.07	72.16	93.98	104.07	
St. Thomas	H	6.71	8.40	9.40	33.56	41.95	46.98	67.12	83.90	93.97	

*Minimum bill.

TABLE 3. Monthly Bills (Net) for Unrestricted 24-Hour Power Service in Canada as at December 31, 1955 — Concluded

Province and Municipality	Source of Power Hydraulic "H" Thermal "T"	Billed load																
		5 Horse power			25 Horse power			50 Horse power										
		Hours use																
		Kw.h. Consumption																
		186	373	746	932	1,864	3,728	1,864	3,728	7,457								
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$							
Ontario — concluded:																		
Sarnia	H	8.39	10.92	12.02	41.96	54.54	60.08	83.93	109.11	120.19								
Sault Ste. Marie	H	5.23	6.35	6.91	26.18	31.78	34.57	52.37	63.55	69.14								
Smiths Falls	H	5.87	7.72	8.55	29.36	38.58	42.78	58.72	77.17	85.55								
Stratford	H	6.88	8.89	9.90	34.40	44.47	49.50	68.80	88.94	99.01								
Sudbury	H	7.88	10.08	11.20	39.44	50.35	55.90	78.88	100.69	111.79								
Timmins	H	5.22	8.96	12.69	20.14	38.78	57.42	87.28	124.56	161.85								
Toronto	H & T	7.19	9.51	10.79	36.02	47.73	54.10	72.16	95.66	108.43								
Trenton	H & T	5.87	7.72	8.56	29.37	38.59	42.79	58.73	77.18	85.58								
Waterloo	H	7.57	9.93	10.93	37.77	49.52	54.55	75.55	99.04	109.10								
Welland	H	7.21	9.39	10.39	36.07	46.97	52.01	72.14	93.95	104.02								
Windsor	H & T	8.39	10.92	12.04	41.96	54.55	60.10	83.91	109.09	120.19								
Woodstock	H	6.88	8.90	9.91	34.41	44.47	49.51	68.80	88.94	99.00								
Manitoba:																		
Brandon	H	6.94	8.62	11.98	34.60	42.98	59.76	69.43	86.20	119.76								
Dauphin	H	6.94	8.62	11.98	34.60	42.98	59.76	69.43	86.20	119.76								
Neepawa	H	6.94	8.62	11.98	34.60	42.98	59.76	69.43	86.20	119.76								
Portage la Prairie	H	6.94	8.62	11.98	34.60	42.98	59.76	69.43	86.20	119.76								
St. Boniface	H	4.96	8.70	13.64	24.86	43.50	68.13	49.70	86.30	130.61								
Selkirk	H	7.71	9.58	13.31	37.21	45.60	62.38	71.93	88.70	120.61								
The Pas	T	11.72	22.39	38.11	58.72	111.91	199.46	117.43	223.75	380.95								
Winnipeg ⁷	H	5.27	8.25	14.45	26.41	46.22	72.36	52.81	91.69	138.77								
Saskatchewan¹:																		
Moose Jaw	T	7.44	11.84	17.64	37.25	56.75	84.94	93.09	117.01	173.68								
North Battleford ⁸	T	7.12	11.55	17.42	38.81	67.49	101.24	78.29	148.93	251.10								
Prince Albert ⁹	T	7.85	15.05	28.08	39.33	65.76	106.77	77.39	120.52	202.55								
Regina	T	9.04	15.25	27.66	43.34	70.22	111.68	82.10	123.56	186.20								
Saskatoon	T	9.44	14.91	25.54	40.34	54.59	81.15	63.54	91.79	144.93								
Swift Current ⁸	T	9.77	19.58	39.17	48.93	97.86	188.08	97.86	188.08	329.40								
Weyburn	T	11.39	16.11	24.51	57.03	80.51	122.45	107.35	154.31	238.21								
Alberta:																		
Calgary	H	4.75	5.97	10.21	23.75	29.80	51.05	47.50	59.60	102.11								
Drumheller	T	8.08	13.67	24.88	40.46	68.42	124.34	80.92	136.84	248.71								
Edmonton	T	4.49	6.63	10.65	22.09	31.83	49.67	43.70	61.54	94.63								
Lethbridge	T	7.83	12.23	20.61	29.30	46.38	79.93	52.01	85.56	152.68								
Macleod	H	10.87	17.73	28.05	43.06	68.23	118.56	105.73	156.06	256.74								
Medicine Hat	T	7.79	10.60	14.96	38.98	52.96	74.78	77.96	105.92	149.57								
British Columbia:																		
Cranbrook ¹⁰	H	6.98	12.59	23.78	29.36	57.32	113.24	57.32	113.24	225.11								
Kamloops ¹⁰	H	9.05	11.91	13.92	44.37	57.84	66.99	88.76	115.69	133.99								
Nanaimo ¹⁰	H	9.05	11.91	13.92	44.37	57.84	66.99	88.76	115.69	133.99								
Nelson ¹⁰	H	7.03	12.72	19.08	28.95	46.57	74.11	44.04	81.23	138.01								
New Westminster ¹⁰	H	9.77	17.67	27.46	24.47	48.93	97.86	48.93	97.86	163.50								
North Vancouver ¹⁰	H	9.77	17.67	27.46	24.47	48.93	97.86	48.93	97.86	163.50								
Prince Rupert ¹⁰	H & T	8.20	16.45	19.35	41.10	82.20	96.68	82.20	96.68	193.40								
Trail ¹⁰	H	4.46	7.18	12.25	19.69	22.82	40.43	39.38	40.43	75.67								
Vancouver ¹⁰	H	6.84	13.21	21.75	24.47	48.93	97.86	48.93	97.86	163.50								
Victoria ¹⁰	H	9.77	17.67	27.46	32.34	56.81	105.74	48.93	97.86	195.75								

1. Power used in manufacturing exempt from sales tax.

2. Bills include provincial tax of 2 p.c.

3. Bills include municipal tax of 2 p.c.

4. Bills include special tax of 1 p.c. for educational purposes.

5. Bills include municipal tax of 25 cents.

6. Bills include municipal tax of 1 p.c.

7. Bills include municipal tax of 5 p.c.

8. Bills include surcharge of 5 p.c.

9. Bills include surcharge of 10 p.c.

10. Bills include provincial tax of 5 p.c.

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