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CANADA

ELECTRICITY BILLS — Examples of the Applications of Rates — FOR DOMESTIC, COMMERCIAL AND SMALL POWER SERVICE

1956

(formerly Cost of Electricity etc.—see over)

Published by Authority of
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ELECTRICITY BILLS FOR DOMESTIC, COMMERCIAL AND SMALL POWER SERVICE

1956

This report formerly called "Cost of Electricity for Domestic Service and Monthly Bills for Domestic Service, Commercial Light and Small Power" 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 electricity bills for domestic service. The monthly bills are computed to show the actual cost to consumers in the 131 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 use 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 operates its own municipal distribution system, buying power from a commercial hydro-electric plant. Belleville, Kingston, Ottawa, Niagara Falls, Trenton, Windsor 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.

Lowest Monthly Bills for Domestic Service, 1956¹

Monthly consumption in Kwh	25	60	100	180	300	500	1,000
	\$	\$	\$	\$	\$	\$	\$
Cornwall, Ont.	<i>0.74</i>	1.78	2.18	2.97	4.16	6.14	11.09
Sault Ste. Marie, Ont.	<i>0.75²</i>	0.81	1.17	1.89	2.97	4.77	9.27
Belleville, Ont.	<i>0.75²</i>	0.97	1.26	1.84	2.70	4.14	7.74
Trenton, Ont.	<i>0.75²</i>	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. Lowest bill is shown in italics.

2. Minimum bill.

Lowest Monthly Bills for Commercial Service, 1956¹

Load - Kw.	1			10			50		
Hours use	50	100	200	50	100	200	50	100	200
Monthly consumption - Kwh	50	100	200	500	1,000	2,000	2,500	5,000	10,000
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Kingston, Ont.	<i>1.13</i>	1.80	2.61	11.25	18.00	26.10	56.25	90.00	130.50
Windsor, Ont.	<i>1.13</i>	1.76	3.02	15.75	27.00	34.20	78.75	135.00	171.00
Sault Ste. Marie, Ont.	<i>1.14</i>	<i>1.74</i>	2.94	11.40	17.40	29.40	57.00	87.00	147.00
Belleville, Ont.	<i>1.17</i>	1.89	2.43	11.70	18.90	24.30	58.50	94.50	121.50
Trenton, Ont.	<i>1.17</i>	1.89	2.43	11.70	18.90	24.30	58.50	94.50	121.50
Westmount, Que.	1.49	2.69	5.11	<i>11.09</i>	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

1. Lowest bill is shown in italics.

Lowest Monthly Bills for Small Power Service, 1956¹

Load - H.P.	5			25			50		
Hours use	50	100	200	50	100	200	50	100	200
Monthly consumption - Kwh	186	373	746	932	1,864	3,728	1,864	3,728	7,457
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Niagara Falls, Ont.	<i>3.06</i>	4.98	8.33	29.37	41.95	50.35	58.73	83.90	100.70
Sault Ste. Marie, Ont.	5.23	6.35	<i>6.91</i>	26.18	31.78	34.57	52.37	63.55	<i>69.14</i>
Jonquiere, Que.	<i>4.92</i>	<i>8.80</i>	16. ¹² ₅₆	16. ¹² ₅₆	22.52	41.90	29.72	41.80	<i>80.65</i>
Trail, B.C.	4.46	7.18	12.25	19.69	22.82	40.43	39.38	40.43	75.67

1. Lowest bill is shown in italics.

Domestic services include delivery of electricity to private residences for lighting, refrigeration, cooking, water heating and the operation of various electrical appliances. Commercial service includes delivery of electricity to stores, offices, factories, etc., mainly for lighting purposes. Outdoor sign lighting is generally in a separate category and the rates are different from those for commercial services. 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 domestic 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 kwh consumption was divided to include a metered consumption of 250 kwh plus an assumed 250 kwh consumed by a 500 watt heater. A consumption of 1,000 kwh was divided between 400 kwh metered and 600 kwh consumption assumed for a heater of 1,000 watts. To show the effect of flat rate water heaters a bill for 1,000 kwh 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 municipalities, the consumption for cooking tends to vary inversely with unit costs. Consequently, a cooking consumption which may be fairly representative for the majority of 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.

Provincial taxes are in effect in Newfoundland (3 p.c.), Quebec (2 p.c.) and Saskatchewan (3 p.c.). 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. In the province of Quebec many municipalities also impose a municipal sales tax. In 1949 Montreal and environs added a 1 p.c. education tax which has since been extended to many other municipalities throughout the province. All such taxes are included in the bills and the tables show where the provincial and municipal taxes apply.

The loads for which commercial 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, 1956.

In practically all cases commercial 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. With this edition of the report the index has been revised from a 1935-39 to a 1949 base. The index, by provinces, was produced by computing changes in the bills for typical monthly consumptions in each of the 131 municipalities, weighted by the annual revenue received by power distributors in the year 1949. Weighted municipal indexes were combined to produce provincial indexes on the new base.

Annual Index¹ of Electricity Bills for Domestic Service, by Province, 1950-1956
(1949 = 100)

Province	1950	1951	1952	1953	1954	1955	1956
Newfoundland	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Prince Edward Island	100.0	109.0	109.0	109.0	109.0	105.4	105.4
Nova Scotia	111.6	114.3	114.8	114.8	114.8	114.8	114.8
New Brunswick	103.1	103.4	103.4	103.4	103.4	103.4	103.6
Quebec	100.3	100.4	100.4	100.2	100.9	101.0	101.0
Ontario	114.7	115.0	117.0	131.3	131.6	131.9	130.8
Manitoba	99.3	99.3	99.3	99.2	99.2	99.2	99.1
Saskatchewan	101.0	101.0	100.7	100.7	100.7	99.1	96.5
Alberta	100.0	100.0	105.4	105.4	105.4	105.4	105.4
British Columbia	100.2	115.6	127.6	127.6	130.2	130.2	130.3
Canada	106.1	108.3	110.7	115.7	116.3	116.3	115.8

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

Few rate changes were reported during 1956. In New Brunswick reductions were recorded in rates for domestic service in Chatham and St. Stephen and for power in the town of Bathurst. The lower rates for domestic service applied only to the larger consumptions. The bills for smaller consumptions indicate a slight rise which is reflected in the index number. In Quebec domestic service rates for the city of Hull were revised tending to reduce the bill for the small consumer while increasing the cost of larger consumptions. Reduce rates for both light and power were reported by Windsor, Ontario, while Niagara Falls increased its rates for all services. In Manitoba reductions were reported for The Pas and, out of the

seven municipalities shown for Saskatchewan, five reported reductions in both light and power rates, the index dropping from 99.1 in 1955 to 96.5 at December 31, 1956. In British Columbia, revised rates in Cranbrook reduced the cost of higher consumptions only, the bills for smaller consumptions showing increases. In Kamloops and Nanaimo increased rates were reported for both light and power, in Nelson rates for domestic service increased while commercial and power bills showed reductions. Lighting rates in New Westminster also showed reductions. Changes in rates for domestic service, changes in taxes and in discounts are all reflected in the index number for Canada which dropped to 115.8 from 116.3 in 1955.

Jan 1641
Bonnechere
Electric

TABLE 1. Monthly Electricity Bills (Net) for Domestic Service in Canada as at December 31, 1956

Province and municipality	Source of power Hydraulic "H" Thermal "T"	Population 1951	Number of domestic service customers 1956	Average monthly consumption 1956	Minimum net bill	Lighting and small appliances		Lighting, small appliances, and refrigeration		Lighting, etc., refrigeration and cooking		Lighting, etc., refrigeration, cooking and water heating	
						Monthly consumptions in kilowatt hours							
						25	60	100	180	300	500	1,000	1,000 ¹
Newfoundland:				kwh	\$	\$	\$	\$	\$	\$	\$	\$	\$
St. Johns ²	H	52,873	13,311	347	1.04	1.19	2.22	3.05	4.71	6.31	8.37	13.52	—
Prince Edward Island:													
Charlottetown	T	15,887	4,493	154	2.00	2.15	3.20	4.40	6.80	9.40	13.40	23.40	—
Summerside	T	6,547	2,116	111	1.00	2.50	4.40	5.60	8.00	11.60	17.60	33.60	—
Nova Scotia:													
Amherst	T	9,870	5,422	140	1.50	2.00	3.53	4.65	6.26	9.04	12.84	22.34	16.94
Bridgewater	H	4,010	1,856	219	1.00	1.00	1.80	2.58	4.05	5.58	8.58	16.35	—
Glace Bay	T	25,586	5,225	124	1.00	1.28	2.13	2.93	4.53	7.25	9.25	14.25	—
Halifax — Dartmouth	H & T	100,626	40,401	279	1.50	1.50	2.25	3.25	5.25	7.35	9.55	15.05	—
New Glasgow	H & T	9,933	8,667	154	1.00	1.10	1.80	2.60	4.20	6.50	9.50	17.00	—
New Waterford	T	10,423	2,087	135	1.15	1.53	2.45	3.37	5.21	7.97	9.99	17.12	—
Picou	H	4,259	1,051	149	1.00	1.05	1.80	2.60	4.20	6.60	10.60	20.60	—
Springhill	T	7,138	3,103	92	1.50	2.00	3.53	4.65	6.26	9.04	12.84	22.34	—
Sydney	T	31,317	7,196	225	1.10	1.29	2.15	3.20	5.00	7.70	9.75	16.80	—
Truro	T	10,756	4,679	235	1.00	1.36	2.34	3.44	4.73	6.68	9.92	18.02	—
Windsor	H & T	3,439	15,727	169	1.50	1.50	2.25	3.25	5.25	7.35	9.55	15.05	—
Yarmouth	H & T	8,106	6,353	83	1.00	1.83	3.20	4.20	6.20	8.50	11.50	19.00	—
New Brunswick:													
Bathurst	H & T	4,453	2,280	175	1.00	1.55	2.60	3.30	4.70	6.80	10.30	19.05	—
Campbelton	H & T	7,754	2,746	174	0.75	2.00	3.00	3.80	5.40	7.80	11.80	21.80	—
Chatham	H & T	5,223	1,225	170	1.50	2.40	3.60	4.80	7.20	9.00	13.00	23.00	—
Edmundston	H & T	10,753	2,450	196	0.50	2.00	3.75	4.55	6.00	7.80	10.80	18.30	—
Fredericton	H & T	16,018	4,942	228	1.00	1.43	2.30	3.30	5.30	8.05	12.05	22.05	—
Moncton	H & T	27,334	11,482	195	0.50	1.61	2.97	3.95	5.83	8.65	13.35	25.10	—
St. John	H & T	50,779	19,838	165	0.54	1.11	1.89	2.61	4.05	6.21	9.81	18.81	—
St. Stephen	H & T	3,769	845	116	1.50	2.40	3.60	4.80	7.20	9.00	13.00	23.00	—
Stevenville	T	2,873	1,406	159	1.50	2.00	3.53	4.65	6.26	9.04	12.84	22.34	16.94
Sussex	H & T	3,224	1,026	114	0.60	1.20	2.88	4.48	7.04	10.88	17.28	33.28	—
Whitbyton	H	3,996	4,607	138	1.00	1.70	3.45	4.70	6.30	8.70	11.70	19.20	—
Quebec:													
Acton Vale ⁴	H	3,367	759	240	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	4,947	263	1.05	1.05	1.84	2.47	3.73	5.10	7.20	12.87	—
Chicoutimi ^{4,5,6}	H	23,216	4,758	578	0.79	0.93	1.84	2.16	2.79	3.73	5.31	9.24	—
Coaticook ^{4,5,6}	H & T	6,341	1,683	121	1.05	1.39	2.29	3.24	4.50	6.39	9.54	17.52	—
Cookshire ⁴	H	1,209	313	245	0.92	1.53	2.45	3.06	4.29	5.61	7.65	12.75	—
Farnham ⁴	H	4,926	1,399	296	0.77	1.28	2.20	2.81	4.03	5.36	7.40	12.50	—
Granby ^{4,5,6}	H	21,989	6,508	310	0.80	1.05	2.00	2.63	3.90	5.25	7.35	12.60	—
Hull ⁴	H	43,483	12,611	434 ⁷	0.76	0.76	1.39	1.77	2.51	3.15	4.07	6.36	—
Joliette ^{4,5,6}	H	16,064	3,712	134	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 ³	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	2,249	318	1.02	1.02	1.90	2.55	3.86	5.21	7.25	12.75	—
Levis ^{4,5,6}	H	13,163	2,836	328	0.63	0.89	1.58	2.11	3.16	4.28	5.98	10.25	—
Megantic ^{4,5,6}	H	6,164	1,948	64	1.58	2.29	3.94	4.99	7.09	8.98	12.13	20.01	—
Montreal ^{4,5,6}	H	1,395,400*	400,185	272	0.63	0.84	1.58	2.12	3.21	4.33	6.01	10.21	—
Noranda ⁴	H	9,672	2,185	489	0.77	0.82	1.53	2.35	3.17	4.19	5.82	9.90	—
Quebec ^{4,5,6}	H	164,016	40,114	303	0.63	0.89	1.58	2.11	3.16	4.28	5.98	10.25	—
Rimouski ^{4,5,6}	H & T	11,565	3,455	223	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 ³	408	1.05	2.10	3.69	4.94	7.04	8.61	10.71	14.91	—
Rouyn ⁴	H	14,633	3,529	453	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	1,725	208	1.05	1.43	2.76	3.70	5.21	7.03	9.52	15.75	—

* Metropolitan area.

TABLE 1. Monthly Electricity Bills (Net) for Domestic Service in Canada as at December 31, 1956 — Continued

Province and municipality	Source of power Hydraulic "H" Thermal "T"	Population 1951	Number of domestic service customers 1956	Average monthly consumption 1956	Minimum net bill	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							
				kwh	\$	\$	\$	\$	\$	\$	\$	\$	\$
Quebec — concluded:													
St. Hyacinthe ^{4,6,7}	H	20,236	4,658	280	1.03	1.28	2.21	2.83	4.07	5.40	7.46	12.61	—
St. Jerome ^{4,5,6}	H	17,685	4,883	228	0.79	0.93	1.78	2.34	3.48	4.61	6.31	10.56	—
St. Johns ^{4,5,8}	H	19,305	5,663	369	0.79	1.04	1.98	2.61	3.86	5.20	7.28	12.48	—
Shawinigan Falls ⁴	H	26,903	6,404	282	1.02	1.02	1.79	2.40	3.63	4.95	6.99	12.50	—
Sherbrooke ^{4,5,6}	H	50,543	17,221	164	0.78	1.19	2.37	3.29	5.12	7.28	10.69	19.19	—
Sorel ^{4,5,6}	H	14,961	3,679	281	1.05	1.05	1.96	2.63	3.97	5.36	7.46	13.13	—
Thetford Mines ^{4,5,6}	H	15,095	4,720	253	1.05	1.05	1.96	2.63	3.97	5.36	7.46	13.13	—
Three Rivers ^{4,5,6}	H	46,074	11,304	319	1.05	1.05	1.84	2.47	3.73	5.10	7.20	12.87	—
Val D'Or ⁴	H	8,685	2,079	450	0.77	0.82	1.53	2.35	3.17	4.19	5.82	9.90	—
Valleyfield ⁴	H	22,414	6,046	288	1.02	1.02	1.79	2.40	3.63	4.95	6.99	12.50	—
Westmount ^{4,5,6}	H	25,222	6,546	352	0.63	0.84	1.58	2.13	3.22	4.33	6.01	10.21	—
Ontario:													
Alexandria	H	2,204	643	311	1.00	1.00	1.40	1.76	2.48	3.56	5.36	9.86	—
Barrie	H	12,514	4,789	531	0.75	0.75	1.30	1.66	2.38	3.46	5.26	9.76	8.06
Belleville	H & T	19,519	5,903	542	0.75	0.75	0.97	1.26	1.84	2.70	4.14	7.74	6.57
Brantford	H	36,727	14,383	400	0.75	0.75	1.19	1.62	2.48	3.78	5.94	11.34	8.82
Brockville	H	12,301	4,058	418	0.75	0.75	1.08	1.44	2.16	3.24	5.04	9.84	—
Chatham	H	21,218	6,157	185	1.00	1.00	2.05	2.56	3.56	5.08	7.60	13.90	10.66
Cornwall	H	16,899	10,573	462	0.50	0.74	1.78	2.18	2.97	4.16	6.14	11.09	8.65
Fort William	H	34,947	10,502	568	0.75	0.75	1.08	1.37	1.94	2.81	4.25	7.85	6.59
Galt	H	19,207	6,890	399	0.75	0.75	1.62	2.02	2.81	4.00	5.98	10.93	8.59
Goderich	H	4,934	1,825	386	0.75	0.75	1.78	2.29	3.29	4.81	7.33	13.63	10.75
Guelph	H	27,386	9,313	456	0.75	0.75	1.35	1.75	2.54	3.73	5.71	10.66	8.50
Hamilton	H	208,321	62,954	378	0.75	0.75	1.40	1.80	2.59	3.78	5.76	10.71	8.91
Kenora	H	8,695	3,313	599	0.45	0.90	1.89	2.25	2.97	4.05	5.85 ⁹	10.35 ⁹	7.88
Kingston	H	33,459	11,998	552	0.75	0.75	0.97	1.30	1.94	2.92	4.54	8.59	7.15
Kirkland Lake	H	18,392 ¹⁰	4,520	306	0.75	0.80	1.50	2.30	3.10	4.60	6.60	11.60	—
Kitchener	H	44,867	17,043	487	0.75	0.75	1.40	1.87	2.81	4.21	6.55	12.40	9.16
Lindsay	H	9,603	3,015	400	0.75	0.75	1.40	1.87	2.81	4.21	6.55	12.40	9.34
London	H	95,343	27,284	364	0.75	0.75	1.51	1.94	2.81	4.10	6.28	11.66	9.14
Midland	H	7,206	2,235	385	1.00	1.00	1.35	1.75	2.54	3.73	5.71	10.66	—
New Toronto	H	11,194	2,709	502	0.75	0.75	1.41	1.84	2.70	4.00	6.16	11.56	8.80
Niagara Falls	H	22,874	6,113 ³	423	1.35	1.35	1.48	1.96	2.99	4.32	6.12	10.62	8.82
North Bay	H	17,944	5,390	486	1.00	1.00	1.35	1.78	2.65	3.94	6.10	11.50	8.80
Orillia	H	12,110	4,139	429	0.75	0.75	1.24	1.57	2.21	3.19	4.81	8.86	—
Oshawa	H	41,545	13,924	520	0.75	0.75	1.62	2.02	2.81	4.00	5.98	10.93	8.77
Ottawa	H	202,045	63,786	569	0.75	1.05	1.67	2.03	2.48	3.02	3.92	6.17	—
Owen Sound	H	16,423	4,994	388	1.00	1.00	1.30	1.69	2.48	3.67	5.65	10.60	8.44
Pembroke	H	12,704	4,169	430	0.75	0.75	1.57	2.07	3.08	4.59	7.11 ⁹	13.41 ⁹	8.44
Peterborough	H	38,272	12,004	514	0.75	0.75	1.40	1.87	2.81	4.21	6.55	12.40	8.98
Port Arthur	H	31,161	10,413	526	0.75	0.75	1.08	1.37	1.94	2.81	4.25	7.85	—
St. Catharines	H	37,984	11,819	236	0.90	0.90	1.46	2.00	3.08	4.70	7.40	14.15	9.83
St. Thomas	H	18,173	5,844	375	0.75	0.75	1.73	2.16	3.02	4.32	6.48	11.88	9.27
Sarnia	H	34,697	12,112	319	0.75	0.75	1.62	2.05	2.92	4.21	6.37	11.77	8.71
Sault Ste. Marie	H	32,452	13,190	446	0.75	0.75	0.81	1.17	1.89	2.97	4.77	9.27	—
Smiths Falls	H	8,441	2,705	428	0.75	0.75	1.40	1.76	2.48	3.56	5.36	9.66	7.98
Stratford	H	18,785	5,909	470	0.75	0.75	1.57	2.00	2.86	4.16	6.32	11.72	9.11
Sudbury	H	42,410	13,355	490	1.00	1.00	1.40	1.84	2.70	4.00	6.16	11.56	8.95
Timmins	H	27,743	6,955	310	0.75	0.80	1.50	2.30	3.10	4.60	6.60	11.60	—
Toronto	H & T	675,754	164,279	445	0.75	0.75	1.08	1.59	2.60	4.11	6.63	12.93	9.31
Trenton	H & T	10,085	3,161	500	0.75	0.75	0.97	1.26	1.84	2.70	4.14	7.74	6.39
Waterloo	H	11,991	4,873	510	0.75	0.75	1.40	1.80	2.59	3.78	5.76	10.71	8.64
Welland	H	15,382	4,278	267	0.75	0.75	1.30	1.69	2.48	3.67	5.65	10.60	8.44

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TABLE 1. Monthly Electricity Bills (Net) for Domestic Service in Canada as at December 31, 1956 — Concluded

Province and municipality	Source of power Hydraulic "H" Thermal "T"	Population 1951	Number of domestic service customers 1956	Average monthly consumption 1956	Minimum net bill	Lighting and small appliances		Lighting, small appliances, and refrigeration		Lighting, etc., refrigeration and cooking	Lighting, etc. refrigeration, cooking and water heating		
						Monthly consumptions in kilowatt hours							
						25	60	100	180	300	500	1,000	1,000 ¹
Ontario — concluded:					kwh	\$	\$	\$	\$	\$	\$	\$	\$
Windsor	H & T	120,049	32,028	315	0.75	0.75	1.25	1.75	2.76	4.01	5.45	9.95	8.60
Woodstock	H	15,544	5,389	445	1.00	1.00	1.78	2.21	3.08	4.37	6.53	11.93	9.32
Manitoba:													
Brandon	H	20,598	6,516	491	1.00	1.35	2.84	3.56	4.72	5.80	7.60	12.10	10.95
Dauphin	H	6,007	1,827	434	1.00	1.57	3.33	4.05	5.22	8.30	8.10	12.60	11.45
Neepawa	H	2,895	915	362	1.00	1.80	3.78	4.50	5.87	6.75	8.55	13.05	11.90
Portage la Prairie	H	8,511	2,599	468	1.00	1.35	2.88	3.80	4.77	5.85	7.65	12.15	11.00
S. Boniface	H	26,342	7,331	580	0.50	0.75	1.59	2.16	2.88	3.96	4.76 ¹¹	7.36 ¹²	7.36 <i>not applied until 1958</i>
Selkirk	H	6,218	1,685	461	0.75	1.35	2.52	3.24	4.32	5.40	7.20	11.70	9.90
The Pas	T	3,376	989	93	0.90	2.25	4.50	6.03	8.91	13.23	20.43	38.43	—
Winnipeg ¹⁵	H & T	235,710	67,884	628	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	9,795	281	0.93	1.38	2.65	4.13	5.98	6.75	9.53	16.48	11.84
North Battleford ^{13,17}	T	7,473	2,250	168	1.82	2.00	3.32	4.19	5.91	8.51	11.53	19.09	15.05
Prince Albert ^{13,18}	T	17,149	4,800	184	1.53	1.86	3.05	3.91	5.83	8.21	11.15	18.49	—
Regina ¹³	T	71,319	23,709	328	0.98	1.37	2.74	4.30	7.05	6.85	9.78	17.13	—
Saskatoon ¹³	T	53,268	20,017	216	0.98	1.47	3.13	3.91	5.48	7.56	10.52	17.86	—
Swift Current ¹³	T	7,458	2,924	174	1.55	2.32	4.69	5.15	7.62	11.33	17.51	32.96	—
Weyburn ¹³	T	7,148	1,743	220	1.55	2.09	3.80	5.10	6.77	8.99	12.24	19.19	—
Alberta:													
Calgary	H	129,060	49,992	192	0.81	1.19	1.77	2.43	3.73	4.99	7.08	12.30	—
Drumheller	T	2,601	852	210	1.25	1.75	2.63	3.63	5.08	6.88	9.88	17.38	13.37
Edmonton	T	159,631	52,437	182	0.95	0.95	1.90	2.66	4.04	5.04	6.34	10.26	—
Lethbridge	T	22,947	7,782	138	1.08	1.53	2.93	4.01	5.45	6.65	9.80	17.67	—
Macleod	H	1,880	549 ³	69	1.50	2.25	4.50	6.66	10.98	14	14	14	—
Medicine Hat	T	16,364	5,239	172	1.00	1.50	2.25	2.65	4.05	5.85	8.65	18.35	—
British Columbia:													
Cranbrook ¹⁶	H	3,621	1,479	240	1.05	1.85	3.10	4.35	6.90	9.10	12.25	20.15	—
Kamloops ¹⁶	H	8,099	2,572	341	1.05	1.84	3.36	4.20	5.67	8.82	10.92	16.70	—
Nanaimo ¹⁶	H	7,196	3,921	347	1.05	1.84	3.36	4.20	5.67	8.82	10.92	16.70	—
Nelson ¹⁶	H	6,772	2073,460 ⁴²	382	1.31	1.31	2.84	3.68	5.36	6.92	6.39	12.69	—
New Westminster ¹⁶	H	28,639	8,556	312	0.53	1.31	3.15	4.20	6.30	8.35	10.24	15.88	—
North Vancouver ¹⁶	H	15,687	13,467	471	0.53	1.31	3.15	4.20	6.30	8.72	10.29	15.49	—
Prince Rupert ¹⁶	H & T	8,546	3,441	360	0.79	1.73	2.94	3.78	5.46	7.98	12.18	22.68	13.86
Trail ¹⁶	H	11,430	4,046	579	1.31	1.31	1.89	2.65	4.16	5.48	5.95	8.69	—
Vancouver ¹⁶	H	344,833	97,672	335	0.53	1.31	3.15	4.20	6.30	8.72	10.29	15.49	—
Victoria ¹⁶	H	51,331	23,339	262	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. 1955 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. Teck 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.

Included farm customers (revised March 18/58)

TABLE 2. Monthly Electricity Bills (Net) for Unrestricted 24-Hour Commercial Service in Canada as at December 31, 1956

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	
Kwh 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	259.60	
Saint John	H & T	2.20	2.88	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	82.04	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	3.05	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	186.00	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	81.70	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	212.63	
Megantic ^{2,3,4}	H	3.68	5.62	8.24	29.66	49.09	69.04	145.18	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 Electricity Bills (Net) for Unrestricted 24-Hour Commercial Service in Canada as at December 31, 1956 – 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
Kwh Consumption										
		50	100	200	500	1,000	2,000	2,500	5,000	10,000
		\$	\$	\$	\$	\$	\$	\$	\$	\$
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 de Monts ^{2,3,4}	H	2.00	3.57	8.72	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	222.06
St. Johns ^{2,4,6}	H	2.08	3.33	4.90	20.60	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	3.28	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
Bartle	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
Port William	H	1.30	2.16	2.52	13.05	21.60	25.20	65.25	108.00	128.00
Galt	H	1.58	2.70	3.60	15.75	27.00	36.00	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	1.35	1.98	3.24	14.40	24.30	44.10	72.00	121.50	157.50
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	2.18	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 Electricity Bills (Net) for Unrestricted 24-Hour Commercial Service in Canada as at December 31, 1956—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	
		Kwh 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	
Weiland	H	1.40	2.34	3.24	13.95	23.40	32.40	69.75	117.00	162.00	
Windsor	H & T	1.13	1.76	3.02	15.75	27.00	34.20	78.75	135.00	171.00	
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	95.40	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	4.50	7.65	13.05	26.55	49.05	94.05	116.55	229.05	454.05	
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	2.28	4.13	6.44	22.71	41.25	64.43	113.56	206.26	340.67	
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	3.29	5.84	10.15	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	T	4.64	9.27	17.51	40.17	73.13	134.93	165.83	320.33	629.33	
Weyburn ⁸	T	4.17	7.42	11.59	24.10	44.96	86.67	107.53	211.82	420.39	
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	3.41	6.56	9.71	19.16	34.91	66.41	76.91	129.41	234.41	
Kamloops ¹¹	H	4.20 ¹²	6.72	10.29	33.60	51.45	61.95	168.00	257.25	309.75	
Nanaimo ¹¹	H	4.20 ¹²	6.72	10.29	33.60	51.45	61.95	168.00	257.25	309.75	
Nelson ¹¹	H	2.63	5.25	10.50	24.15	43.58	69.56	80.06	132.56	237.56	
New Westminster ¹¹	H	2.63	4.52	7.67	26.25	43.58	73.73	105.00	181.78	331.40	
North Vancouver ¹¹	H	3.02	4.78	7.19	30.19	47.70	71.85	138.08	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	108.68	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.

12. Minimum bill.

TABLE 3. Monthly Electricity Bills (Net) for Unrestricted 24-Hour Power Service in Canada as at December 31, 1956

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
Kwh 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	263.88
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	263.88
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	8.26	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	199.36
New Brunswick:										
Bathurst	H & T	10.36	14.14	19.17	51.86	70.73	95.90	103.72	141.46	191.80
Campbellton	H & T	9.53	12.36	14.61	47.67	61.78	73.03	50.33	123.58	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
Fredrickton	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	33.36	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	263.88
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	61.60	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	8.86	16.66	16.12	22.62	41.96	29.42	42.30	56.66
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

of test had been omitted

TABLE 3. Monthly Electricity Bills (Net) for Unrestricted 24-Hour Power Service in Canada as at December 31, 1956 — 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	
Kwh 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	78.29	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	47.87	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	128.08	
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	88.80	77.18	
Brantford	H	6.37	7.88	8.68	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	0.09	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	10.96	35.14	43.52	48.56	68.70	85.47	95.54	
Goderich	H	9.39	12.59	13.72	46.99	62.94	68.50	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	88.94	
Kirkland Lake	H	5.22	8.96	12.49	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	98.98	109.05	
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	5.67	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	3.08	4.98	8.33	29.37	41.95	50.35	58.73	83.90	100.70	
North Bay	H	7.55	9.90	10.90	37.76	49.50	54.53	75.51	99.00	109.08	
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	72.18	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	
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	42.76	58.72	77.17	85.55	

* Minimum bill.

TABLE 3. Monthly Electricity Bills (Net) for Unrestricted 24-Hour Power Service in Canada as at December 31, 1956—Concluded

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	
Kwh Consumption											
		186	373	746	932	1,864	3,728	1,864	3,728	7,457	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	
Ontario — concluded:											
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	6.37	9.40	11.08	31.89	46.98	55.37	63.77	93.96	110.75	
Woodstock	H	6.88	8.90	9.91	34.41	44.47	49.51	68.80	88.94	99.00	
Manitoba:											
B 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	120.81	
The Pas	T	10.04	19.04	33.61	50.33	95.13	151.16	90.57	171.23	285.56	
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	7.05	11.26	16.33	35.29	56.29	81.58	70.58	112.27	162.81	
North Battleford ⁸	T	7.12	11.55	17.42	38.81	67.49	101.24	78.29	139.48 ¹¹	216.68 ¹¹	
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	27.86	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	T	9.30	18.65	37.30	46.60	93.20	179.12	93.20	179.12	313.71	
Sayburn	T	10.39	14.44	21.15	52.00	72.13	105.68	104.00	144.25	211.37	
Alberta:											
Calgary	H	4.75	5.97	10.21	23.75	29.80	51.05	47.50	59.60	102.11	
Fernie	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	9.53	15.43	27.17	33.03	62.39	102.96	100.23	124.70	144.27	
Kamloops ¹⁰	H	9.08	12.18	15.33	44.42	59.28	74.25	88.83	118.57	148.50	
Nanaimo ¹⁰	H	9.08	12.18	15.33	44.42	59.28	74.25	88.83	118.57	148.50	
Nelson ¹⁰	H	6.84	12.40	18.61	27.27	47.57	78.59	44.04	81.23	134.98	
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	39.36	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 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 surcharge of 5 p.c.

9. Bills include surcharge of 10 p.c.

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

11. Revised.

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