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PUBLIC UTILITIES BRANCH

INDEX NUMBERS

OF

COST OF ELECTRICITY FOR DOMESTIC SERVICE

AND

TABLES OF MONTHLY BILLS FOR DOMESTIC SERVICE

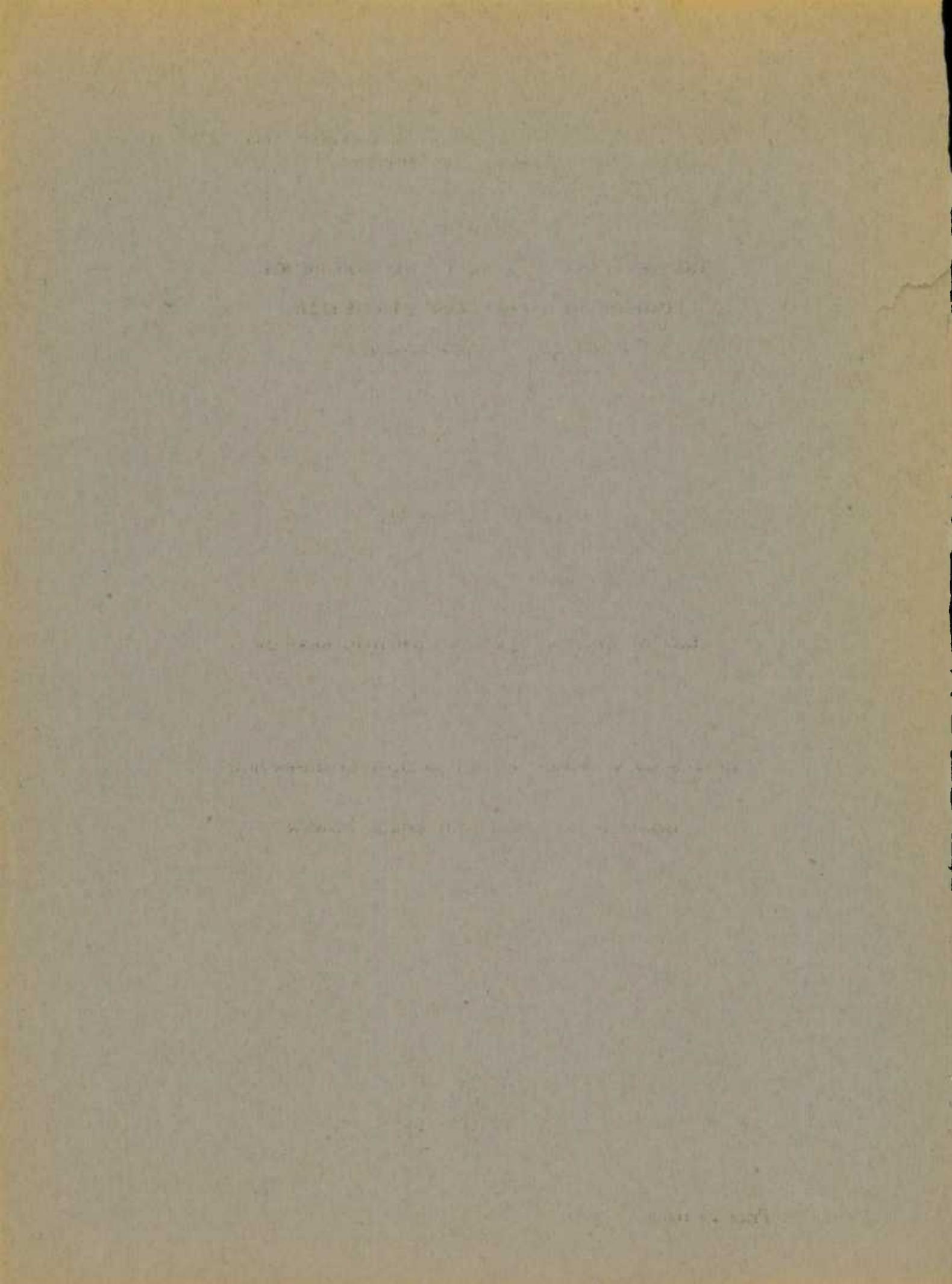
COMMERCIAL LIGHT AND SMALL POWER

1939



OTTAWA
1940

Price 25 cents



DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

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INDEX NUMBERS
OF
COST OF ELECTRICITY FOR DOMESTIC SERVICE
AND
TABLES OF MONTHLY BILLS FOR DOMESTIC SERVICE,
COMMERCIAL LIGHT AND SMALL POWER

1939

This report on the cost of specific quantities of electricity for specific uses and index numbers of the cost of electricity for domestic use, first issued in 1926, brings the data up to the end of 1939.

It should be understood that these index numbers are only for the cost of electricity for domestic use and should not be used as indicating trends of costs for power and for other purposes. Also the bills are only for the quantities and uses shown and should not be used as indicating the "cost of electricity" except in a very general way. The unit cost, or cost per kilowatt hour of electric energy in general varies according to the nature of the use and according to the magnitude of the consumption, and because these vary so greatly as between industries and as between municipalities an average cost for all electricity consumed in any municipality is of little value unless the nature of the uses and size of consumption for each use are known.

The relationships between the capacity of a system to produce and distribute electricity and the total consumption and also the average rate of consumption per day and at different times during each day and during the year are very important factors in the costs of electricity. This relationship between capacity and output is generally improved when the customers include pulp and paper mills or other customers using large quantities of power fairly constantly throughout the 24 hours of each day and also throughout the year. It is also generally improved as the number and the variety of customers are increased. There are several other factors entering into the costs and they should all be considered when making comparisons of costs in different municipalities. Because of the difficulty in giving proper weight to these many factors the Bureau has not attempted to make deductions, but has computed the actual cost to consumers for specific quantities for specific purposes in the municipalities covered by the report.

A frequent query, however, is which municipality has the lowest cost of electricity. This cannot be answered, but the following tables show the municipalities in Canada having the lowest bills for these selected quantities and uses and, while the domestic service bills will probably include the average for most municipalities, it is quite probable that for larger loads and consumptions for commercial light and for power other municipalities would have the smallest bills. The fact that no one municipality had the smallest bill for all consumptions in the three classes of service indicates the caution which should be exercised when making comparisons as between municipalities. The lowest bill in each case is underlined.

Orillia quoted two power rates, one for 24-hour service and one for 10-hour service. The latter was used in computing all three consumptions for each load but, because it would be rare for a motor to run at full load for 200 hours per month on a 10-hour day basis, the bill for 24-hour service is also shown. These bills were also lower than in any other municipality. The town of Orillia owns and operates a hydraulic power system. Sault Ste. Marie operates a municipal distribution system buying power from a commercial hydro-electric system for resale. St. Boniface is served by a commercial hydro-electric system. Fort Arthur, Niagara Falls and St. Catharines are served by the Hydro Electric Power Commission of Ontario, the cities operating their own distribution systems. Calgary has a municipal distribution system which purchases power from a hydro-electric plant and also a hydro-electric company distributes within the city.

DOMESTIC SERVICE

Monthly Consumption Kw.h.	15	20	40	60	80	100	300	500
<u>NET BILLS</u>								
	\$	\$	\$	\$	\$	\$	\$	\$
Orillia, Ontario	.59	.59	.66	.85	<u>1.05</u>	1.24	3.55	5.50
Sault Ste. Marie, Ontario	<u>.54</u>	.54	.70	.90	1.09	1.30	3.30	4.28
Port Arthur, Ontario	.81	.81	.81	.94	1.09	<u>1.22</u>	<u>2.62</u>	<u>4.03</u>
St. Boniface, Manitoba	.54	.65	1.30	1.94	2.59	3.24	<u>4.75</u>	6.67

COMMERCIAL LIGHT

Load - Kw.	1			5			10			50		
	50	100	200	50	100	200	50	100	200	50	100	200
	50	100	200	250	500	1,000	500	1,000	2,000	2,500	5,000	10,000
<u>NET BILLS</u>												
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Orillia, Ontario	.83	<u>1.17</u>	<u>2.07</u>	<u>3.60</u>	<u>5.85</u>	<u>10.35</u>	<u>7.20</u>	<u>11.70</u>	<u>20.70</u>	<u>36.00</u>	<u>58.50</u>	<u>103.50</u>

POWER

Load - H.P.	5			25			100		
	50	100	200	50	100	200	50	100	200
	186	373	746	932	1,864	3,728	3,728	7,457	14,914
<u>NET BILLS</u>									
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Orillia, Ontario. (d)	<u>3.56</u>	<u>5.08</u>	<u>5.81</u>	<u>15.89</u>	<u>23.44</u>	<u>24.37</u>	<u>63.55</u>	<u>93.75</u>	<u>97.50</u>
Orillia, Ontario			6.75			31.82			127.31
St. Catharines, Ontario	4.75	5.64	6.48	23.80	28.20	32.39	95.18	112.80	129.57
Calgary, Alberta	4.25	5.34	9.14	21.25	26.67	45.68	63.75	<u>82.40</u>	164.80

d - 10-hour service.

Domestic services include delivery of electricity to private residences for lighting, cooking, water heating and the operation of various electrical appliances such as washing machines, irons, vacuum cleaners, etc. Commercial lighting includes delivery of electricity to stores, offices, factories, etc., for lighting purposes only. Sign lighting is generally in a separate category and the rates are different from those for commercial lighting. Also street lighting is in another class. Power service includes delivery of electricity for the operation of electric motors.

The selection of domestic service consumptions ranging from 15 kilowatt hours to 500 kilowatt hours per month will probably contain one bill close to the average for each of the municipalities listed and also the commercial light bills ranging from 50 kilowatt hours to 10,000 kilowatt hours and for loads from 1 to 50 kilowatts will undoubtedly correspond to a large number of actual consumptions in these municipalities. The selection of power loads and consumptions was more difficult. It is a common practice for power companies to make a flat charge per horse power or kilowatt of connected load. The connected load for which the bill is made is either the total rated capacities of all connected motors, a percentage of such total, or the maximum or peak rate of power taken over a period of time. The period is 30 minutes in many municipalities, but it varies. Also adjustments of the peak load governing the charge are made monthly in some cases and in others the peak established in one year is carried through for a full year, if not exceeded, before a downward adjustment is made. It is also common practice to quote special rates for large power customers although the regular rates extend in many municipalities beyond 100 horse power, the largest load included in these tables. Consequently, the only practicable tabulation was one restricted to small loads, ranging from light to approximately maximum consumptions for an eight-hour per day operation.

A consumption of 200 hours use per month would mean a 100 per cent use of the load for an average of 8 hours per day for 25 days and 100 hours use would mean a 50 per cent use of the load for the same time, or 100 per cent use for half the time, etc. If the connected load was computed on 80 per cent of the rated capacity of the motor, 100 hours use for 100 horse power load would mean 125 horse power motor operating 80 hours at full capacity and using 7,457 kilowatt hours per month.

In practically all cases the commercial 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. The exceptions are indicated by footnotes to the tables. No penalty was included for low power factors and no allowances were made for customers' deposits with the distributor to guarantee payment of bills, or other miscellaneous factors which enter into the bills in some municipalities.

In computing the domestic service bills certain assumptions were necessary in computing service charges where these charges were based on the number of rooms, the floor area, or the number of lamps, outlets or connected load. The bases used are shown at the top of the table. The maximum load for lighting and small appliances was taken at 850 watts and with a refrigerator at 1,000 watts. The load for an electric stove was taken at 8 kilowatts and for electric water heaters at 750 watts, except as indicated by footnotes. These large consumptions would apply almost exclusively to municipalities where water heater consumptions were charged for on flat rate bases, or where water heaters of larger capacities were used at metered rates. In municipalities where

water heater consumptions are metered the capacities are seldom factors in computation of the bills. Where service charges were based on two wire and on three wire service, the larger charge was used only for consumptions of 300 and 500 kilowatt hours or in other words, where an electric stove was connected. Footnotes indicate the municipalities having manufactured or natural gas which has a tendency to reduce use of electricity for heating purposes. The more or less general increase over 1938 bills is due to the inclusion of a Federal Tax of 8 per cent on all bills for domestic use, which became effective on September 13, 1939.

In the column headed "Class of Station" the letters "C" for commercial companies and "M" for municipal or publicly operated systems refer to the distributors which are not in all cases the organizations generating the power, but the letters "H" for hydraulic or water power and "F" 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 thermal engines used for peak loads or in emergencies, but such plants are classed as hydraulic.

The index numbers of cost of electricity for domestic services were computed by using the bill closest to the actual average bill for each municipality in 1926 and weighting them by the number of customers in 1926. The index numbers for the provinces and for Canada were computed in the same manner using the data for only the municipalities included in this report.

INDEX NUMBERS
OF
COST OF ELECTRICITY FOR DOMESTIC SERVICE
1932 - 1939
Base, 1926 = 100.

Province	1932	1933	1934	1935	1936	1937	1938	1939
P. E. Island	84.62	74.94	74.94	67.19	67.19	63.87	x56.38	61.00
Nova Scotia	72.85	72.02	72.02	72.02	71.47	62.35	60.73	63.03
New Brunswick	88.02	87.75	87.75	85.51	84.42	83.00	82.64	88.88
Quebec	83.16	82.15	81.31	75.20	75.20	72.96	72.86	78.58
Ontario	92.11	93.31	94.30	94.36	93.59	85.85	85.27	91.73
Manitoba	98.07	98.07	98.07	96.74	96.68	96.68	96.64	104.43
Saskatchewan	73.37	72.24	72.24	72.24	71.86	70.99	70.99	83.44
Alberta	75.39	75.39	75.39	74.51	74.51	74.27	74.27	80.27
British Columbia	83.16	83.16	83.16	83.16	79.28	78.99	78.54	84.08
CANADA	87.49	87.64	87.87	86.27	85.47	81.30	x80.89	87.31

x - Revised

DOMESTIC SERVICE

CANADA

Year	Number of Customers	Total Consumption (Thousands of Kw.h.)	Average Monthly Bill	Average Cost per Kw. H.
1930	1,317,324	1,489,575	2.15	2.29
1931	1,336,721	1,563,704	2.20	2.25
1932	1,357,462	1,639,498	2.24	2.22
1933	1,371,896	1,650,395	2.18	2.18
1934	1,379,153	1,717,090	2.21	2.13
1935	1,401,983	1,769,848	2.19	2.08
1936	1,443,059	1,887,116	2.22	2.03
1937	1,500,128	2,007,433	2.18	1.96
1938	1,559,394	2,172,500	2.18	1.96

DOMESTIC SERVICE, 1938

PROVINCE	NUMBER OF CUSTOMERS		AVERAGE MONTHLY BILL	AVERAGE COST PER KILOWATT HOUR Cents	AVERAGE MONTHLY CONSUMPTION Per Customer Kw.Hr.	CONSUMPTION BY DOMESTIC SERVICE	
	Total	Per 100 Population				Per cent of total Provincial Consumption	Per cent of Dominion Dom. Service Consumption
	\$						
P.E. Island	4,799	5.11	2.62	5.85	45	36.6	0.1
Nova Scotia	58,556	10.69	2.28	4.52	50	8.7	1.6
New Brunswick	43,556	9.79	2.36	4.86	48	5.7	1.2
Quebec	421,178	13.28	1.71	3.02	57	2.1	13.2
Ontario	691,498	18.53	2.22	1.44	155	22.4	59.2
Manitoba	77,762	10.80	3.45	1.03	334	18.5	14.5
Saskatchewan	48,060	5.11	3.30	4.87	68	25.5	1.8
Alberta	63,030	8.05	2.62	5.21	50	16.4	1.8
B.C. & Yukon	150,955	19.73	2.26	2.77	81	7.5	6.8
CANADA	1,559,394	13.92	2.21	1.90	116	8.9	100.0

MONTHLY BILLS (NET) DOMESTIC SERVICE

CANADA, 1939

Classification

C.H. - Commercial Hydraulic
M.H. - Municipal Hydraulic
C.F. - Commercial Fuel
M.F. - Municipal Fuel

Basis of Service Charge	Monthly Consumption in Kilowatt Hours				
Rooms	15	20	40	60	80
Area, sq. ft.	1000	1400	1600	1600	1600
Lamps, 25 W.	8	12	16	20	20

St. Stephen	Ø	C.F.	3,437	May	1937	1.08	1.51	1.78	2.65	3.40	4.05	4.70	10.10	15.50
Sackville		C.F.	2,234	Dec.	1937	1.08	1.67	2.05	3.16	3.87	4.57	5.27	10.67	dx 16.07
Sussex		M.H.-F.	2,252	Dec.	1937	0.81	1.08	1.44	2.30	2.73	4.03	4.89	13.53	(b)
Woodstock		C.H.	3,259	Aug.	1938	1.08	1.30	1.57	2.65	3.73	4.81	5.89	9.67	e 11.83
<u>QUEBEC</u>														
Actonvale		C.H.	1,753	Jan.	1938	0.97	1.46	1.62	2.27	2.92	3.24	3.56	6.26	8.64
Chicoutimi		C.H.	11,877	Jan.	1935	0.81	0.98	1.13	1.73	2.32	2.65	2.97	6.48	8.51
Coaticook		M.H.	4,044	Dec.	1936	1.02	1.09	1.46	2.92	4.37	5.83	7.29	9.40	12.64
Cookshire		C.H.	946	Jan.	1938	0.97	1.46	1.62	2.27	2.92	3.24	3.56	6.26	8.64
Farnham		C.H.	4,205	Jan.	1938	0.81	1.13	1.30	1.94	2.59	2.92	3.24	5.94	8.64
Hull		C.H.	29,433	Apr.	1921	0.54	0.58	0.80	1.24	1.51	1.71	2.14	3.84	5.79
Joliette		M.H.	10,765		1929	0.54	1.27	1.62	3.02	4.36	5.63	6.89	11.89	17.84
Lachine		C.H.	18,630	Jan.	1935	0.65	0.72	0.86	1.40	1.94	2.42	2.81	5.72	7.67
Levis		C.H.	11,724	Jan.	1937	0.56	0.72	0.85	1.40	1.93	2.26	2.58	5.83	7.99
Megantic		M.H.	3,911	June	1937	0.81	1.44	1.73	2.65	3.29	3.94	4.59	8.05	11.29
Montreal		C.H.	818,577	Jan.	1935	0.65	0.72	0.86	1.40	1.94	2.42	2.81	5.72	7.67
Outremont		C.H.	28,641	Jan.	1935	0.65	0.72	0.86	1.40	1.94	2.42	2.81	5.72	7.67
Quebec	Ø	C.H.	130,594	Jan.	1937	0.56	0.72	0.85	1.40	1.95	2.26	2.58	5.83	7.99
Rimouski		C.H.	5,589	June	1938	1.35	1.50	1.88	3.39	4.47	5.12	5.77	10.36	13.06
Ste. Agathe des Monts		M.H.	2,949		1934	0.54	1.23	1.60	3.07	4.02	5.31	6.61	...	...
St. Hyacinthe	h	(C.H.)	(13,448	Nov.	1934	(0.81	0.81	0.97	1.62	2.27	2.59	2.92	5.62	8.64
		(M.F.)	(	Jan.	1935	(0.54	0.77	0.93	1.54	2.16	2.46	2.78	5.85	8.93
St. Johns		C.H.	11,256	Nov.	1934	0.81	0.81	0.97	1.62	2.27	2.59	2.92	5.62	8.64
Shawinigan Falls		C.H.	15,345	Dec.	1934	0.81	0.83	1.00	1.57	2.00	2.44	2.87	6.52	xe 8.25
Sherbrooke	Ø	M.H.	28,933	May	1935	0.73	0.80	0.95	1.61	2.25	2.68	3.12	6.93	10.17
Sorel		C.H.	10,320	May	1935	0.81	0.98	1.20	1.86	2.28	2.73	3.16	6.81	xe 8.54
Three Rivers	Ø	C.H.	35,450	Oct.	1934	0.81	0.83	1.00	1.57	2.00	2.44	2.87	6.52	xe 8.25
Valleyfield		C.H.	11,411	Aug.	1938	0.81	0.83	1.00	1.57	2.00	2.44	2.87	6.52	xe 8.25
Verdun	Ø	C.H.	60,745	Jan.	1935	0.65	0.72	0.86	1.40	1.94	2.42	2.81	5.72	7.67
Westmount	Ø	M.H.	24,235	Jan.	1938	0.65	0.72	0.86	1.40	1.94	2.42	2.81	5.72	7.67
<u>ONTARIO</u>														
Alexandria		M.H.	2,006	Sept.	1939	1.08	1.08	1.08	1.94	2.92	3.15	3.38	5.71	7.81
Belleville	Ø	M.H.	13,790	Oct.	1938	0.81	0.81	0.81	0.81	1.04	1.20	1.53	2.69	4.05
Brantford	+	M.H.	30,107	Sept.	1937	0.81	0.81	0.81	0.90	1.34	1.51	1.70	3.45	5.19
Brockville	Ø	M.H.	9,736	Aug.	1937	0.81	0.81	0.81	0.81	1.05	1.21	1.36	2.92	4.47
Chatham	+	M.H.	4,017	Sept.	1938	0.81	0.81	0.81	1.17	1.75	1.92	2.10	3.84	5.59
Fort William		M.H.	26,277	Sept.	1938	0.81	0.81	0.81	0.82	1.22	1.40	1.58	3.33	x 4.69
Galt	+	M.H.	14,006	Sept.	1937	0.81	0.81	0.81	1.09	1.65	1.79	1.94	3.50	5.05

MONTHLY BILLS (NET) DOMESTIC SERVICE

CANADA, 1939.

Classification

C.H. - Commercial Hydraulic
 M.H. - Municipal Hydraulic
 C.F. - Commercial Fuel
 M.F. - Municipal Fuel

Basis of Service Charge	Monthly Consumption in Kilowatt Hours				
	15	20	40	60	80
Rooms	5	7	8	8	8
Area, sq. ft.	1000	1400	1600	1600	1600
Lamps, 25 W.	8	12	16	20	20

Province and Municipality	Class of Station	1931 Census Population	Effective Date of Rates	Minimum Net Bill	Lighting and Small Appliances										
					Month	Year	Amount						+ Refrigerator	+ Cooking-220 Kw.h.	
								15	20	40	60	80	Kilowatt	Hours	
								\$	\$	\$	\$	\$	\$	\$	\$
ONTARIO (Concluded)															
Coderich	M.H.	4,491	Oct.	1938	0.81	0.81	0.81	0.81	0.81	1.29	1.81	2.01	2.20	4.15	6.09
Guelph	Ø	21,075	Jan.	1937	0.81	0.81	0.81	0.81	0.81	1.17	1.32	1.48	3.03	4.59	
Hamilton	Ø	155,547	Nov.	1937	0.81	0.81	0.81	0.93	1.40	1.56	1.71	3.23	4.82		
Kingston	Ø	23,439	Sept.	1937	0.81	0.81	0.81	0.85	1.14	1.31	1.43	3.01	4.57		
Kitchener	Ø	30,793	Sept.	1938	0.81	0.81	0.81	0.85	1.29	1.44	1.60	3.15	4.71		
London	Ø	71,148	Oct.	1937	0.81	0.81	0.81	0.93	1.40	1.58	1.75	3.50	5.25		
Niagara Falls	Ø	19,046	Oct.	1938	0.81	0.81	0.81	1.29	1.44	1.60	4.71	3.15	4.71		
North Bay	M.H.	15,528	Nov.	1938	0.81	0.81	0.81	1.48	2.21	2.57	2.92	6.42	9.91		
Orillia	M.H.	8,183	Jan.	1939	0.59	0.59	0.59	0.66	0.85	1.05	1.24	3.55	5.50		
Oshawa	Ø	23,439	Aug.	1937	0.81	0.81	0.81	1.48	1.95	2.17	2.39	4.53	6.66		
Ottawa	M.-C.H.	126,872	Aug.	1931	0.81	0.81	0.81	1.10	1.49	1.68	1.88	3.26	4.23		
Owen Sound	Ø	12,839	Oct.	1939	0.81	0.81	0.81	0.82	1.22	1.38	1.53	3.09	4.64		
Peterborough	Ø	22,327	Sept.	1937	0.81	0.81	0.81	1.05	1.50	1.73	1.97	4.30	6.63		
Port Arthur	M.H.	19,818	Sept.	1937	0.81	0.81	0.81	0.81	0.94	1.09	1.22	2.62	4.03		
St. Catharines	Ø	24,753	Aug.	1937	0.81	0.81	0.81	0.85	1.08	1.23	1.39	3.15	4.71		
St. Thomas	Ø	15,430	Sept.	1937	0.81	0.81	0.81	0.93	1.40	1.56	1.71	3.26	4.82		
Sarnia	Ø	18,191	Oct.	1939	0.81	0.81	0.81	0.97	1.46	1.62	1.77	3.33	4.88		
Sault Ste. Marie s Ø	M.H.	23,082	June,	1939	0.54	0.54	0.54	0.70	0.90	1.09	1.30	3.30	4.28		
Stratford	Ø	17,742	Sept.	1938	0.81	0.81	0.81	1.09	1.63	1.81	1.99	3.74	5.49		
Sudbury	M.H.	18,518	May	1939	0.81	0.81	0.81	1.24	1.60	1.88	2.15	4.87	7.59		
Timmins	C.H.	14,200	June	1936	0.81	0.81	0.81	1.19	1.62	2.05	2.48	4.97	7.13		
Toronto	Ø	631,207	Oct.	1937	0.81	0.81	0.81	1.17	1.41	1.61	2.02	3.75	5.69		
Welland	Ø	10,709	Sept.	1937	0.81	0.81	0.81	1.09	1.63	1.80	1.99	3.74	5.49		
Windsor	Ø	63,108	April	1939	0.81	0.81	0.81	1.29	1.92	2.08	2.34	5.79	5.35		
Woodstock	Ø	11,395	Aug.	1939	0.81	0.81	0.81	0.85	1.29	1.44	1.60	3.15	4.71		

<u>MANITOBA</u>														
Brandon	M.H.	17,082	Jan.	1939	1.08	1.41	1.71	2.68	3.07	3.46	3.84	7.73	11.32	
Dauphin	M.F.	3,974	Jan.	1938	1.08	1.46	1.94	3.60	4.96	6.12	7.29	14.09	(b)	
Neepawa	M.F.	1,910	Jan.	1936	1.08	1.94	2.48	4.27	4.91	5.56	6.21	11.93	18.41	
Portage la Prairie	M.H.	6,597	Jan.	1939	1.62	1.85	2.29	3.69	4.08	4.47	4.86	8.75	12.64	
St. Boniface	C.H.	16,305		1925	0.54	0.54	0.65	1.30	1.94	2.59	3.24	4.73	6.67	
Selkirk	M.H.	4,486		1921	0.81	0.87	1.17	2.33	3.50	4.67	5.83	8.20	11.42	
The Pas	M.F.	4,030	Jan.	1931	1.08	1.75	2.33	4.28	5.83	6.61	7.39	15.16	(b)	
Winnipeg	r \emptyset	(M.-C.H.)	218,785		1911	0.54	0.54	0.65	1.50	1.94	2.59	3.24	g 4.97	g 6.67
		(		1925										
<u>SASKATCHEWAN</u>														
Moose Jaw	C.F.	21,299	June	1936	0.44	1.23	1.51	2.58	3.60	4.57	4.96	8.73	12.03	
North Battleford	M.F.	5,968	Sept.	1937	1.08	1.54	2.05	3.45	4.16	4.87	5.59	11.75	16.88	
Regina	M.F.	53,209	Oct.	1936	1.03	1.03	1.23	2.05	2.87	3.39	4.51	7.18	10.26	
Saskatoon	M.F.	43,291	Jan.	1929	0.97	1.17	1.56	q 3.11	q 3.95	q 3.95	q 3.95	q 9.37	q 13.26	
Swift Current	i	M.F.	5,296	Jan.	1937	1.62	1.62	1.94	3.73	5.45	7.18	8.91	11.88	18.38
Weyburn	M.F.	5,002	Jan.	1921	1.35	2.19	2.68	4.62	6.37	7.93	9.48	12.25	18.08	
<u>ALBERTA</u>														
Calgary	f	M.H.	83,761	April	1937	0.78	0.78	0.92	1.84	d 2.16	d 2.47	d 2.80	d 6.02	d 9.22
Drumheller		C.F.	2,987	Nov.	1935	1.35	1.59	1.94	3.10	4.07	4.94	5.80	9.72	x 15.12
Edmonton	f	M.F.	79,197	June	1929	1.03	1.03	1.03	2.05	3.08	4.10	5.13	d 5.54	d 7.08
Lethbridge	f	M.F.	13,489	Feb.	1937	0.97	1.19	1.46	2.70	3.67	4.43	5.02	7.13	(b)
Macleod	f	M.H.	1,447	Nov.	1937	1.62	1.52	2.14	4.28	5.05	6.22	7.39	(b-c)	(b-c)
Medicine Hat	f	M.F.	10,300	May	1939	1.08	1.08	1.30	2.11	2.43	2.75	3.08	6.32	...
<u>BRITISH COLUMBIA</u>														
Cranbrook		M.H.	3,067	July	1937	1.08	1.49	1.90	3.55	4.75	5.51	6.26	13.82	21.38
Kamloops		C.H.	6,167	Aug.	1930	0.81	1.13	1.51	3.02	3.56	4.10	4.64	10.04	x 14.36
Nanaimo		C.H.	6,745	May	1938	1.08	1.59	1.95	3.02	3.64	4.26	4.87	8.97	x 12.21
Nelson	ø	M.H.	5,992	Jan.	1938	1.35	1.44	1.83	2.31	2.80	3.28	3.77	7.07	8.05
New Westminster		M.H.	17,524	Aug.	1938	0.67	1.23	1.64	2.76	3.38	4.00	4.61	9.54	13.34
North Vancouver	ø	C.H.	8,510	Jan.	1938	0.54	0.81	1.08	2.16	2.66	3.09	3.78	7.21	9.81
Vancouver	ø	C.H.	246,593	July	1936	0.54	0.55	0.86	1.73	2.20	2.64	3.24	6.76	e 8.49
Victoria	ø	C.H.	39,082	Oct.	1939	0.81	0.90	1.19	2.38	2.88	3.62	4.05	7.83	9.39

f - Natural gas available.

ø - Manufactured gas available.

x - Flat rate water heater 1 K.W. capacity.

a - Flat rate water heater 750 W. capacity.

b - No water heater service.

c - No stove service.

d - Combination lighting and heating rate.

e - Water heater on off-peak power.

f - Optional rate effective November 1, 1938

g - Appliance load 1500 or over.

h - Bills do not include a municipal tax of 25 cents per service.

i - Bills do not include a municipal tax of 2%.

q - Domestic power rates - where consumption exceeds the consumption in previous years $\frac{1}{2}$ rates apply on excess, which would produce smaller bills than these.

r - Bills do not include a municipal tax of 5% effective May, 1938.

s - Rate of discount changed in June 1939.

MONTHLY BILLS (NET) FOR UNRESTRICTED 24-HOUR COMMERCIAL LIGHTING SERVICE

CANADA, 1939.

Province and Municipality	Class of Station	Effective Date of Rates		Load Hours Use	1 KILOWATT			5 KILOWATTS			10 KILOWATTS			50 KILOWATTS		
		Month	Year		50	100	200	50	100	200	50	100	200	50	100	200
				Kw. Hours Consumption	50	100	200	250	500	1,000	500	1,000	2,000	2,500	5,000	10,000
<u>PRINCE EDWARD ISLAND</u>					\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Charlottetown	C.F.	Dec.	1938		3.00	6.00	10.00	15.00	22.00	34.50	27.00	39.50	64.50	...	...	...
Summerside	M.F.	July	1929		7.00	11.00	16.00	27.50	40.00	65.00	47.50	72.50	122.50	...	...	...
<u>NOVA SCOTIA</u>																
Amherst	C.F.	June	1936		3.75	6.25	8.75	18.75	31.25	43.75	37.50	62.50	87.50	...	...	...
Bridgewater	M.H.	Oct.	1937		2.50	4.00	6.00	12.50	20.00	30.00	25.00	40.00	60.00	...	...	...
Dartmouth	C.H.	Jan.	1939		3.00	5.00	7.50	15.00	25.00	37.50	30.00	50.00	75.00	...	...	...
Glace Bay	M.F.	July	1939		3.00	5.00	7.00	15.00	25.00	35.00	30.00	50.00	70.00	...	...	...
New Waterford	C.F.	Oct.	1937		3.50	6.00	8.00	17.50	30.00	40.00	35.00	60.00	80.00	...	...	...
Halifax	C.H.	Dec.	1937		3.00	5.00	7.50	15.00	25.00	37.50	30.00	50.00	75.00	150.00	250.00	375.00
Pictou	M.H.	Mar.	1936		2.50	4.00	5.50	12.50	20.00	27.50	25.00	40.00	55.00	...	...	...
Springhill	C.F.	Jan.	1937		4.00	7.00	11.50	20.00	35.00	57.50	40.00	70.00	115.00	...	...	...
Sydney	C.F.	June	1938		3.25	5.50	7.50	16.25	27.50	37.50	32.50	55.00	75.00	...	...	...
Truro	M.H.	Dec.	1939		2.50	4.00	6.00	12.50	20.00	30.00	25.00	40.00	60.00	...	...	...
Windsor	C.H.	Jan.	1939		3.00	5.00	7.50	15.00	25.00	37.50	30.00	50.00	75.00	...	...	...
Yarmouth	C.H.	Dec.	1937		3.50	6.00	9.00	17.50	30.00	45.00	35.00	60.00	90.00	...	...	...
<u>NEW BRUNSWICK</u>																
Bathurst	a C.H.		1932		3.69	5.55	7.55	14.72	21.34	31.34	27.84	41.09	61.08	...	...	...
Campbellton	M.H.	Feb.	1938		3.50	7.00	12.00	14.50	25.00	45.00	25.00	45.00	85.00	...	...	...
Chatham	M.H.-F.	Jan.	1935		3.65	5.15	8.15	9.65	17.15	32.15	17.15	32.15	62.15	...	...	...
Edmundston	M.H.	Feb.	1939		3.50	6.00	10.00	12.00	20.00	33.00	20.00	33.00	53.00	...	...	...
Fredericton	C.H.-F.	May	1939		3.30	5.10	8.10	13.60	21.10	36.10	26.10	41.10	61.10	111.10	161.10	261.10
Moncton	C.H.-F.	Nov.	1937		3.68	6.05	10.80	13.18	25.05	41.30	25.05	41.30	68.80	82.55	151.30	288.80
Saint John	C.F.	Oct.	1924		(2.61	4.41	5.76	13.05	22.05	28.80	26.10	44.10	57.60	130.50	220.50	288.00
Saint John	M.H.	June	1933		(
St. Stephen	C.F.	Jan.	1938		3.50	5.50	8.50	13.95	22.70	37.70	26.70	44.20	74.20	...	...	...
Sackville	C.F.	Dec.	1937		5.00	8.50	13.20	23.00	40.50	64.00	45.50	80.50	127.50	...	...	...
Sussex	M.H.-F.	Oct.	1935		2.80	4.80	8.80	10.80	20.80	40.80	20.80	40.80	80.80	...	...	...
Woodstock	M.H.	Aug.	1938		3.50	7.00	12.00	14.50	23.00	38.00	23.00	38.00	68.00	83.00	158.00	308.00

QUEBEC													
Actonvale	C.H.	Apr.	1934		5.00	4.10	6.10	15.00	20.50	30.50	30.00	41.00	61.00
Chicoutimi	C.H.	July	1937		2.35	4.10	5.60	10.35	19.10	26.60	20.35	37.85	52.85
Coaticook	M.H.	Jan.	1927		3.38	6.75	13.50	16.88	33.75	67.50	33.75	67.50	135.00
Cookshire	C.H.	Apr.	1934		3.00	4.10	6.10	15.00	20.50	30.50	30.00	41.00	61.00
Farnham	C.H.	Apr.	1934		3.00	4.10	6.10	15.00	20.50	30.50	30.00	41.00	61.00
Hull	C.H.	Apr.	1921		1.75	2.74	3.19	8.73	15.68	15.93	17.46	27.36	31.86
Joliette	M.H.				2.20	4.20	8.20	10.20	20.20	40.20	20.20	40.20	80.20
Lachine	C.H.	Feb.	1939		1.64	2.99	5.69	9.25	16.00	26.00	18.50	32.00	52.00
Levis	C.H.	Jan.	1937		1.87	3.25	5.25	9.37	16.25	26.25	18.75	32.50	52.50
Megantic	M.H.	June	1934		2.75	4.25	6.25	15.50	30.50	60.50	30.50	60.50	108.50
Montreal	C.H.	Feb.	1939		1.64	2.99	5.69	9.25	16.00	26.00	18.50	32.00	52.00
Outremont	C.H.	Feb.	1959		1.64	2.99	5.69	9.25	16.00	26.00	18.50	32.00	52.00
Quebec	C.H.	Jan.	1937		1.87	3.25	5.25	9.37	16.25	26.25	18.75	32.50	52.50
Rimouski	C.H.	June	1938		3.30	4.80	7.50	16.50	24.00	37.50	33.00	48.00	75.00
Ste. Agathe des Monts	M.H.		1934		3.51	6.12	11.36	14.16	28.24	56.37	28.24	56.37	112.62
St. Hyacinthe	b	(C.H.)	Apr.	1934		2.50	4.10	6.10	12.50	20.50	30.50	25.00	41.00
St. Hyacinthe	b	(M.F.)	Jan.	1935		2.38	3.90	5.80	11.88	19.48	28.98	25.75	38.95
St. Johns	C.H.	Apr.	1934		2.50	4.10	6.10	12.50	20.50	30.50	25.00	41.00	61.00
Shawinigan Falls	C.H.	Oct.	1934		1.87	3.45	5.26	9.36	17.24	26.24	18.72	34.47	52.47
Sherbrooke	M.H.	May	1935		2.48	4.95	9.90	12.38	24.75	49.50	24.75	49.50	99.00
Sorel	C.H.	May	1935		2.32	3.94	5.46	11.61	19.71	27.31	25.22	39.42	54.61
Three Rivers	C.H.	Oct.	1934		1.87	3.45	5.26	9.36	17.24	26.24	18.72	34.47	52.47
Valleyfield	C.H.	Aug.	1938		1.87	3.45	5.26	9.36	17.24	26.24	18.72	34.47	52.47
Verdun	C.H.	Feb.	1939		1.64	2.99	5.69	9.25	16.00	26.00	18.50	32.00	52.00
Westmount	M.H.	Mar.	1939		1.64	2.99	5.69	6.81	12.44	23.69	12.44	23.69	46.19
ONTARIO													
Alexandria	M.H.	Sept.	1939		2.34	4.23	4.95	11.70	21.15	24.75	23.40	42.30	49.50
Belleville	M.H.	Oct.	1938		1.17	1.89	2.19	5.62	9.22	10.80	11.25	18.45	21.60
Brantford	M.H.	Dec.	1936		1.17	1.89	2.21	5.85	9.45	11.03	11.70	18.90	22.05
Brockville	M.H.	Aug.	1937		1.17	1.89	2.25	5.63	9.23	11.03	11.25	18.45	22.05
Chatham	M.H.	Sept.	1938		1.49	2.52	3.06	7.43	12.60	15.30	14.85	25.20	30.60
Fort William	M.H.	Sept.	1938		1.35	2.25	2.61	6.75	11.25	13.05	13.50	22.50	26.10
Galt	M.H.	Sept.	1937		1.49	2.52	2.88	7.43	12.60	14.40	14.85	25.20	28.80
Goderich	M.H.	Oct.	1938		1.66	2.88	3.42	8.32	14.40	17.10	16.65	28.80	34.20
Guelph	M.H.	Jan.	1937		1.17	1.89	2.16	5.85	9.45	10.80	11.70	18.90	21.60

MONTHLY BILLS (NET) FOR UNRESTRICTED 24-HOUR COMMERCIAL LIGHTING SERVICE

CANADA, 1939.

Province and Municipality	Class of Station	Effective Date of Rates		Load	1 KILOWATT			5 KILOWATTS			10 KILOWATTS			50 KILOWATTS			
					Hours Use	50	100	200	50	100	200	50	100	200	50	100	200
		Month	Year	Consumption	50	100	200	250	500	1,000	500	1,000	2,000	2,500	5,000	10,000	
ONTARIO (Concluded)					\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Hamilton	M.H.	Nov.	1937		1.17	1.89	2.20	5.85	9.45	11.02	11.70	18.90	22.05	58.50	94.50	110.25	
Kingston	M.H.	Sept.	1937		1.17	1.89	2.34	5.85	9.45	11.70	11.70	18.90	23.40	58.50	94.50	117.00	
Kitchener	M.H.	Sept.	1938		1.31	2.16	2.52	6.53	10.80	12.60	13.05	21.60	25.20	65.25	108.00	126.00	
London	M.H.	Oct.	1937		1.26	2.07	2.43	6.30	10.35	12.15	12.60	20.70	24.30	63.00	103.50	121.50	
Niagara Falls	M.H.	Sept.	1937		1.17	1.89	2.21	5.85	9.45	11.03	11.70	18.90	22.05	58.50	94.50	110.25	
North Bay	M.H.	Nov.	1938		2.07	3.69	4.86	10.35	18.45	24.30	20.70	36.90	48.60	103.50	184.50	243.00	
Orillia	M.H.	Jan.	1939		0.85	1.17	2.07	5.60	5.85	10.35	7.20	11.70	20.70	36.00	58.50	103.50	
Oshawa	M.H.	Aug.	1937		1.71	2.97	3.69	8.55	14.85	18.45	17.10	29.70	56.90	85.50	148.50	184.50	
Ottawa	M.-C.H.		1915		1.75	2.74	3.19	8.73	15.68	15.95	17.46	27.36	31.86	87.30	136.80	159.30	
Owen Sound	M.H.	Oct.	1939		1.26	2.07	2.70	6.30	10.35	13.50	12.60	20.70	27.00	63.00	103.50	135.00	
Peterborough	M.H.	Sept.	1937		1.49	2.52	3.55	7.43	12.60	16.65	14.85	25.20	33.30	74.25	126.00	166.50	
Port Arthur	M.H.	Sept.	1937		1.13	1.86	2.11	5.67	9.32	10.53	11.34	18.63	21.06	56.70	93.15	105.30	
St. Catharines	M.H.	Aug.	1937		1.13	1.80	2.10	5.63	9.00	10.50	11.25	18.00	21.00	56.25	90.00	105.00	
St. Thomas	M.H.	Sept.	1937		1.22	1.98	2.25	6.08	9.90	11.25	12.15	19.80	22.50	60.75	99.00	112.50	
Sarnia	M.H.	Sept.	1938		1.31	2.16	2.52	6.53	10.80	12.60	13.05	21.60	25.20	65.25	108.00	126.00	
Sault Ste. Marie	M.H.	June	1939		1.14	1.74	2.94	5.70	8.70	14.70	11.40	17.40	29.40	57.00	87.00	147.00	
Stratford	M.H.	Sept.	1938		1.35	2.25	2.61	6.75	11.25	13.05	13.50	22.50	26.10	67.50	112.50	130.50	
Sudbury	M.H.	May	1939		2.07	3.69	5.94	10.35	18.45	29.70	20.70	36.90	59.40	103.50	184.50	297.00	
Timmins	C.H.	June	1936		2.50	3.50	4.50	6.50	11.50	16.50	11.50	21.50	31.50	....	....	....
Toronto	M.H.	Oct.	1937		1.35	2.52	3.30	6.75	12.60	16.50	13.50	25.20	33.00	67.50	126.00	165.00	
Welland	M.H.	Sept.	1937		1.35	2.25	2.70	6.75	11.25	13.50	13.50	22.50	27.00	67.50	112.50	135.00	
Windsor	M.H.	Aug.	1937		1.53	2.61	3.15	7.65	13.05	15.75	15.30	26.10	31.50	76.50	130.50	157.50	
Woodstock	M.H.	Aug.	1937		1.26	2.07	2.43	6.30	10.35	12.15	12.60	20.70	24.30	63.00	103.50	121.50	
MANITOBA																	
Brandon *	M.H.	Jan.	1939		3.42	5.40	7.20	17.10	27.00	36.00	34.20	54.00	72.00	...	...	...
Dauphin	M.F.	June	1939		3.96	7.11	12.51	15.21	28.71	55.71	28.71	55.71	109.71	136.71	271.71	541.71	
Neepawa	M.F.	Jan.	1938		5.30	10.30	18.30	19.80	27.30	42.30	27.30	42.30	72.30	...	...	...
Portage la Prairie *	M.H.	Jan.	1939		4.50	7.02	8.82	21.60	34.20	43.20	43.20	68.40	86.40	...	...	...

St. Boniface	C.H.		1925		1.34	2.66	5.34	6.66	13.34	25.33	13.34	25.33	46.00	56.00	102.67	177.54
Selkirk	M.H.		1921		2.50	5.00	10.00	12.50	25.00	50.00	25.00	50.00	100.00	...	...	...
The Pas	M.F.	July	1929		5.40	9.00	14.40	27.00	45.00	72.00	54.00	90.00	144.00	...	...	...
Winnipeg	f (M.-C.H.)		1911		(1.34	2.66	5.34	6.67	13.34	25.33	13.34	25.33	46.00	56.00	102.67	177.54
	(		1925		(
<u>SASKATCHEWAN</u>																
Moose Jaw	C.F.	June	1936		2.88	5.13	7.38	14.40	25.65	36.90	28.80	51.30	73.80	...	...	...
North Battleford	M.F.	June	1934		4.75	7.13	9.98	23.75	35.63	49.88	47.50	71.25	99.75	...	...	...
Regina	M.F.	Oct.	1936		2.38	4.28	7.60	11.16	19.48	36.10	21.85	38.48	66.98	100.23	171.48	e228.48
Saskatoon	M.F.	Jan.	1929		3.60	6.98	12.83	16.65	30.15	52.65	32.40	54.90	86.40	...	...	...
Swift Current	d M.F.	Jan.	1937		4.50	9.00	17.00	21.00	39.00	71.00	39.00	71.00	131.00	...	...	...
Weyburn	M.F.	Jan.	1939		4.73	8.33	12.83	21.38	35.98	56.48	42.19	66.04	111.04	...	...	...
<u>ALBERTA</u>																
Calgary	M.H.	Oct.	1928		2.13	4.25	8.50	10.63	19.55	29.75	19.55	29.75	46.75	55.25	97.75	182.75
Drumheller	C.F.	Nov.	1935		4.50	7.75	14.25	19.50	33.25	54.50	35.75	57.00	87.00	...	...	...
Edmonton	M.F.	June	1929		2.38	4.75	9.50	11.88	21.85	37.05	21.85	37.05	65.55	79.80	151.05	293.55
Lethbridge	M.F.	Apr.	1935		3.40	6.20	11.50	15.55	26.80	41.65	29.45	44.35	71.35	...	...	...
Macleod	M.H.	Nov.	1937		4.50	9.00	14.85	17.55	31.05	58.05	31.05	58.05	112.05	...	...	...
Medicine Hat	M.F.	May	1939		2.80	4.10	6.10	7.10	12.10	22.10	12.10	22.10	42.10	52.10	102.10	202.10
<u>BRITISH COLUMBIA</u>																
Cranbrook	M.H.	July	1937		4.05	5.80	9.30	11.05	19.80	37.30	19.80	37.30	72.30	...	...	...
Kamloops	C.H.	Apr.	1938		3.50	6.30	9.90	17.50	31.50	49.50	35.00	63.00	99.00	...	...	...
Nanaimo	C.H.	May	1938		4.18	7.03	12.26	19.76	34.01	60.14	39.24	67.74	119.99	...	...	...
Nelson	M.H.	Jan.	1938		3.85	7.45	13.75	16.90	30.85	53.35	30.85	53.35	83.95	...	...	...
New Westminster	M.H.	Jan.	1936		3.09	5.18	8.51	15.44	25.89	42.52	30.88	51.78	85.03	...	...	...
North Vancouver	C.H.	Feb.	1934		2.50	3.95	5.95	12.50	19.75	29.75	25.00	39.50	59.50	115.00	178.75	278.75
Vancouver	C.H.	Jan.	1928		2.00	3.30	5.30	10.00	16.50	26.50	20.00	33.00	53.00	90.00	146.25	246.25
Victoria	C.H.	Oct.	1939		2.25	4.50	9.00	11.25	22.50	40.50	22.50	33.75	60.75	74.25	141.75	276.75

a - Optional rate effective November 1938.

b - Bills do not include a municipal tax of 25 cents per service.

c - Minimum bills.

d - Bills do not include a municipal tax of 2%.

e - Combination light and power rate.

f - Bills do not include a municipal tax of 10% effective May, 1938.

g - Manitoba Power Commission has based their commercial and power bills on 80% of connected load, consequently lowering their bills about 15%.

MONTHLY BILLS (NET) FOR UNRESTRICTED 24-HOUR POWER SERVICE

CANADA, 1939.

Province and Municipality	Class of Station	Effective Date of Rates		Load	5 HORSE POWER			25 HORSE POWER			100 HORSE POWER		
		Month	Year		Hours Use	50	100	200	50	100	200	50	100	200
		Kw. Hours Consumption			186	373	746	932	1,864	3,728	3,728	7,457	14,914
<u>PRINCE EDWARD ISLAND</u>					\$	\$	\$	\$	\$	\$	\$	\$	\$
Charlottetown	C.F.	May	1934		11.80	21.15	32.88	45.46	70.13	116.75	139.25	232.50	419.00
Summerside	M.F.	July	1929		14.75	27.73	50.74	61.90	111.67	198.73	...	...	...
<u>NOVA SCOTIA</u>													
Amherst	C.F.	June	1936		9.33	14.94	23.67	46.71	74.67	118.31	186.84	298.71	473.28
Bridgewater	M.H.	Oct.	1937		6.54	9.35	13.71	32.73	46.71	68.53	...	...	...
Dartmouth	C.H.	Jan.	1939		7.47	11.21	16.21	37.39	56.03	81.03	149.56	224.14	324.14
Glace Bay	M.F.	July	1939		8.40	12.46	19.92	42.05	62.28	99.56	168.20	249.14	398.28
New Waterford	C.F.	June	1938		7.47	11.21	17.44	37.39	56.03	87.17	149.56	224.14	348.71
Halifax	C.H.	Jan.	1930		7.47	11.21	16.21	37.39	56.03	81.03	149.56	224.14	324.14
Pictou	M.H.	Mar.	1936		7.47	9.98	13.71	37.39	49.89	68.53	...	...	...
Springhill	C.F.	Jan.	1937		9.33	14.94	23.67	46.71	74.67	118.31	...	...	...
Sydney	C.F.	June	1938		7.47	11.21	17.44	37.39	56.03	87.17	149.56	224.14	348.71
Truro	M.H.	Dec.	1939		5.93	8.22	12.21	29.93	41.12	61.03	119.74	164.48	244.14
Windsor	C.H.	Jan.	1939		7.47	11.21	16.21	37.39	56.03	81.03	149.56	224.14	324.14
Yarmouth	C.H.	June	1932		13.39	22.97	39.21	a46.75	a75.42	a118.38	a118.38	a192.95	a340.61
<u>NEW BRUNSWICK</u>													
Bathurst	C.H.		1932		11.52	17.37	23.75	55.97	85.15	117.02	...	...	...
Campbellton	M.H.	Sept.	1939		9.53	12.55	14.60	47.61	61.74	72.99	190.44	246.96	291.96
Chatham	M.H.-F.	Jan.	1935		10.36	14.15	19.18	51.86	70.73	95.89	...	...	...
Edmundston	M.H.	Feb.	1939		6.73	9.24	12.60	33.65	46.23	63.01	...	...	...
Fredericton	C.H.-F.	June	1939		9.30	17.92	28.03	35.96	63.92	100.23	102.56	177.14	316.95
Moncton	C.H.-F.	Nov.	1937		10.30	18.19	28.15	32.80	56.10	102.70	102.70	195.93	382.35
Saint John	(C.F.)	Oct.	1924		(10.33	14.15	19.18	51.86	70.73	95.90	209.43	282.94	383.62
Saint John					(
St. Stephen	C.F.	Aug.	1935		11.16	20.92	33.38	38.96	58.28	95.56	...	...	...
Sackville	C.F.	Dec.	1937		9.33	14.94	23.92	46.71	74.67	119.54	...	...	...
Sussex	M.H.-F.	Oct.	1935		4.96	9.95	19.89	24.85	49.71	99.41	...	...	...
Woodstock	M.H.	Aug.	1938		9.27	16.90	30.90	37.46	66.08	116.40	...	...	...

<u>QUEBEC</u>														
Actonvale	C.H.		1915		15.87	c20.78	c20.78	c62.71	c74.64	c74.64	168.56	206.14	261.98	
Chicoutimi	C.H.	Jan.	1935		8.97	10.84	11.96	43.89	53.21	58.80	124.81	162.09	184.40	
Coaticook	g	M.H.	Jan.	1927	8.30	8.30	8.30	41.50	41.50	41.50	166.00	166.00	166.00	
Cookshire	C.H.		1915		15.87	c20.78	c20.78	c62.71	c74.64	c74.64	168.56	206.14	261.98	
Farnham	C.H.		1915		15.87	c20.78	c20.78	c62.71	c74.64	c74.64	168.56	206.14	261.98	
Hull	C.H.	Apr.	1921		7.01	8.68	10.38	35.08	43.47	51.86	140.33	173.88	207.44	
Joliette	M.H.				7.80	9.24	12.10	39.06	46.23	60.56	152.68	181.34	237.66	
Lachine	C.H.	Sept.	1936		10.28	12.67	16.21	46.96	58.83	76.54	152.12	187.76	229.22	
Levis	C.H.	Jan.	1937		9.09	10.96	12.82	45.50	54.82	64.14	182.06	219.36	256.36	
Megantic	M.H.	June	1934		9.65	11.52	13.38	48.30	57.62	66.94	...	...	...
Montreal	C.H.	Sept.	1936		10.28	12.67	16.21	46.96	58.83	76.54	152.12	187.76	229.22	
Outremont	C.H.	Sept.	1936		10.28	12.37	16.21	46.96	58.83	76.54	152.12	187.76	229.22	
Quebec	C.H.	Jan.	1937		9.09	10.96	12.82	45.50	54.82	64.14	182.06	219.36	256.36	
Rimouski	C.H.	Jan.	1935		12.07	13.75	17.11	60.36	68.75	85.53	...	...	...
Ste. Agathe des Monts	M.H.	Sept.	1932		10.00	10.00	16.79	20.97	41.94	83.88	...	...	...
St. Hyacinthe	d	C.H.		1915		15.87	b20.78	b20.78	e62.71	b74.64	168.56	206.14	261.98	
St. Johns	C.H.		1915		15.87	b20.78	b20.78	e62.71	b74.64	b74.64	168.56	206.14	261.98	
Shawinigan Falls	C.H.	Jan.	1936		10.91	13.24	15.11	50.81	62.47	71.79	195.75	242.38	279.68	
Sherbrooke	g	M.H.	May	1935		11.25	11.25	11.25	51.75	51.75	51.75	207.00	207.00	207.00
Sorel	C.H.	Jan.	1936		10.91	13.24	15.11	50.81	62.47	71.79	195.75	242.38	279.68	
Three Rivers	C.H.	Jan.	1936		10.91	13.24	15.11	50.81	62.47	71.79	195.75	242.38	279.68	
Valleyfield	C.H.	Jan.	1936		10.91	13.24	15.11	50.81	52.08	52.08	195.75	208.33	208.33	
Verdun	C.H.	Sept.	1936		10.28	12.67	16.21	46.96	58.83	76.54	152.12	187.76	229.22	
Westmount	M.H.	Sept.	1935		10.28	12.67	16.21	46.96	58.83	76.54	150.13	185.76	227.22	
<u>ONTARIO</u>														
Alexandria	M.H.	July	1937		11.20	15.57	16.68	56.05	77.86	83.39	224.21	311.46	333.61	
Belleville	M.H.	Oct.	1938		5.00	6.01	6.86	25.06	30.10	34.24	100.23	120.37	136.99	
Brantford	M.H.	Sept.	1937		5.51	6.90	7.73	27.57	34.50	38.65	110.29	137.97	154.58	
Brockville	M.H.	Aug.	1937		5.26	6.29	7.23	26.32	31.98	36.12	105.25	127.90	144.51	
Chatham	M.H.	Sept.	1937		6.77	8.43	9.43	33.84	42.15	47.12	135.39	168.62	188.56	
Fort William	M.H.	Sept.	1937		5.51	6.90	7.73	27.57	34.50	38.65	110.29	137.97	154.58	
Galt	M.H.	Sept.	1937		5.76	7.28	8.11	28.83	36.38	40.53	115.31	145.52	162.13	
Coderich	M.H.	Oct.	1939		7.85	10.04	11.14	39.28	50.18	55.71	157.10	200.74	222.89	
Guelph	M.H.	Jan.	1937		4.76	5.63	6.46	23.80	28.20	32.35	95.18	112.80	129.41	

MONTHLY BILLS (NET) FOR UNRESTRICTED 24-HOUR POWER SERVICE

CANADA, 1939.

Province and Municipality	Class of Station	Effective Date of Rates		Load	5 HORSE POWER			25 HORSE POWER			100 HORSE POWER		
					Hours Use	50	100	200	50	100	200	50	100	200
		Month	Year	Kw. Hours Consumption	186	375	746	932	1,864	3,728	3,728	7,457	14,914
<u>ONTARIO (Concluded)</u>					\$	\$	\$	\$	\$	\$	\$	\$	\$
Hamilton	M.H.	Nov.	1937		5.03	6.04	6.85	25.13	30.16	34.18	100.39	120.82	136.93
Kingston	M.H.	Sept.	1937		5.26	6.39	7.23	26.32	31.98	36.13	105.25	127.90	144.51
Kitchener	M.H.	Dec.	1936		5.76	7.28	8.11	28.83	36.38	40.53	115.31	145.52	162.13
London	M.H.	Oct.	1937		5.27	6.41	7.25	26.35	32.06	36.25	105.42	128.23	145.01
Niagara Falls	M.H.	Sept.	1937		5.01	6.01	6.85	25.06	30.09	34.24	100.22	120.35	136.96
North Bay	M.H.	Nov.	1938		9.18	12.21	13.32	45.98	61.08	66.61	183.94	244.35	266.50
Orillia	M.H.	Feb.	1928		3.56	5.08	b5.81	15.89	23.44	b24.37	63.55	93.75	b97.50
Oshawa	M.H.	Aug.	1937		6.77	8.42	9.42	33.84	42.15	47.12	135.35	168.58	188.51
Ottawa	C.H.	1915			(5.78	7.29	7.70	28.91	36.46	38.48	115.61	145.81	153.86
c	M.H.	March	1938		(5.75	7.29	7.68	28.76	36.46	38.39	115.05	145.86	153.57
Owen Sound	M.H.	June	1937		5.51	6.90	7.73	27.57	34.49	38.64	110.29	137.97	154.58
Peterborough	M.H.	Sept.	1937		5.76	7.28	8.11	28.83	36.38	40.53	115.31	145.52	162.13
Port Arthur	M.H.	Aug.	1937		5.51	6.90	7.73	27.57	34.50	38.65	110.29	137.97	154.58
St. Catharines	M.H.	Aug.	1937		4.75	5.64	6.48	23.80	28.20	32.59	95.18	112.80	129.57
St. Thomas	M.H.	Sept.	1937		5.01	6.01	6.85	25.06	30.09	34.24	100.24	120.37	136.99
Sarnia	M.H.	Sept.	1938		5.89	7.66	8.49	29.46	38.27	42.42	117.83	153.07	169.68
Sault Ste. Marie	M.H.	June	1939		5.24	6.36	6.92	26.19	31.78	34.58	104.74	127.12	138.32
Stratford	M.H.	Sept.	1937		7.52	9.36	10.47	37.60	46.83	52.36	150.39	187.31	209.46
Sudbury	M.H.	May	1935		9.19	12.22	13.33	45.99	61.09	66.63	183.94	244.35	266.50
Timmins	C.H.	June	1936		5.22	8.96	12.69	20.14	38.78	57.42	174.56	249.14	323.70
Toronto	M.H.	Oct.	1937		7.01	8.67	9.78	33.05	41.35	46.95	128.79	162.30	184.68
Welland	M.H.	Nov.	1936		5.52	6.80	7.74	27.58	34.51	38.66	110.30	138.00	154.62
Windsor	M.H.	Aug.	1937		6.77	8.43	9.45	33.84	42.15	47.12	135.35	168.58	188.51
Woodstock	M.H.	Aug.	1939		5.21	6.39	7.23	26.10	31.97	36.16	104.41	127.90	144.68
<u>MANITOBA</u>													
Brandon	M.H.	Jan.	1939		8.14	9.82	13.18	40.62	49.00	65.76	179.30	220.25	287.30
Dauphin	M.F.	Jan.	1936		9.72	18.14	31.56	48.65	90.57	154.31	...	...	...
Neepawa	M.F.	Jan.	1936		15.18	27.68	45.14	52.58	72.58	109.80	...	...	...

Portage la Prairie	M.H.	Jan.	1939		9.81	12.25	15.61	49.00	61.07	77.85	179.30	220.25	287.50
St. Boniface	C.H.		1925		4.96	8.70	13.62	24.86	43.50	68.10	97.47	163.19	238.70
Selkirk	M.H.		1921		5.58	11.19	22.38	27.96	55.92	111.84	...	...	...
The Pas	M.F.	May	1933		15.75	29.25	47.25	78.75	146.25	236.25	...	...	...
Winnipeg	(C.-M.H.)		1911		(4.86	8.70	13.62	24.86	43.50	68.10	97.47	163.19	238.70
	(		1925		(
<u>SASKATCHEWAN</u>													
Moose Jaw	C.F.	June	1936		9.04	13.25	18.95	45.28	66.25	94.77	123.51	161.78	228.90
North Battleford	M.F.	June	1934		10.60	20.09	34.81	44.27	79.79	130.10	...	...	...
Regina	M.F.	Oct.	1936		9.04	15.25	27.66	43.34	70.22	111.68	147.31	209.95	267.88
Saskatoon	M.F.	Jan.	1929		10.44	17.92	31.61	48.12	60.97	88.92	134.21	193.87	305.86
Swift Current	h	Jan.	1957		14.30	23.85	42.30	71.60	118.20	204.12	...	...	...
Weyburn		Jan.	1921		12.24	17.63	27.70	61.23	88.07	138.39	...	...	...
<u>ALBERTA</u>													
Calgary	M.H.	Oct.	1928		g4.25	5.34	9.14	g21.25	26.67	45.68	g65.75	82.40	164.80
Drumheller	C.F.	Nov.	1935		9.94	17.42	28.63	49.78	87.06	145.09	...	...	...
Edmonton	M.F.	June	1929		4.51	6.65	10.69	22.14	31.94	49.67	65.29	118.59	182.14
Lethbridge	M.F.	Jan.	1929		7.85	12.20	20.60	29.30	46.40	79.95	96.75	164.00	298.25
MacLeod	M.H.	Apr.	1935		10.04	16.79	26.86	33.55	67.10	134.21	...	...	...
Medicine Hat	M.F.	May	1938		5.40	9.71	17.17	16.25	29.82	59.65	65.00	119.31	228.80
<u>BRITISH COLUMBIA</u>													
Cranbrook	M.H.	July	1937		9.04	15.58	28.64	35.15	67.77	k93.70	...	...	...
Kamloops	C.H.	April	1938		10.02	15.07	25.14	40.16	62.87	103.38	...	...	...
Nanaimo	C.H.	June	1932		11.83	16.21	22.44	59.21	81.03	112.17	...	...	...
Nelson	M.H.	July	1923		j10.00	12.65	21.24	g42.50	g42.50	68.98	...	...	...
New Westminster	C.-M.H.	Aug.	1938		5.30	10.63	21.26	17.71	35.42	70.83	70.83	141.68	236.68
North Vancouver	C.H.	June	1912		j 9.30	j16.46	j23.92	j8.64	j37.28	j74.56	j74.56	149.14	249.14
Vancouver	C.H.	June	1912		j 5.58	j10.71	j17.21	j8.64	j37.28	j74.56	j74.56	149.14	249.14
Victoria	C.H.	Jan.	1928		9.30	16.46	23.92	27.64	46.28	83.56	74.56	149.14	298.28

a - Optional rate would produce smaller bills under certain conditions.

b - Demand rate 10-hour unrestricted use.

c - Meter rate 10-hour unrestricted use.

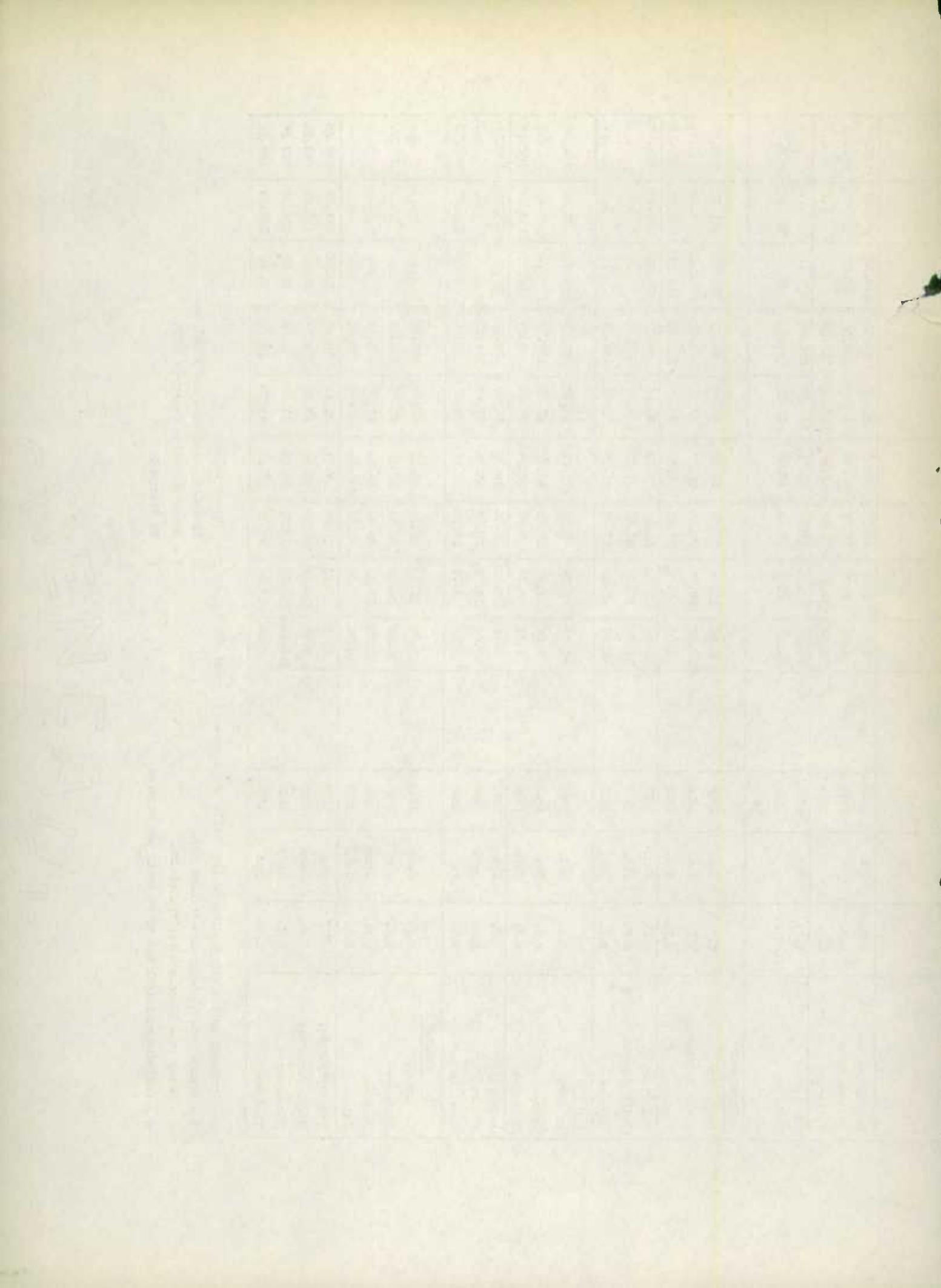
d - Excludes municipal tax of 25 cents per service.

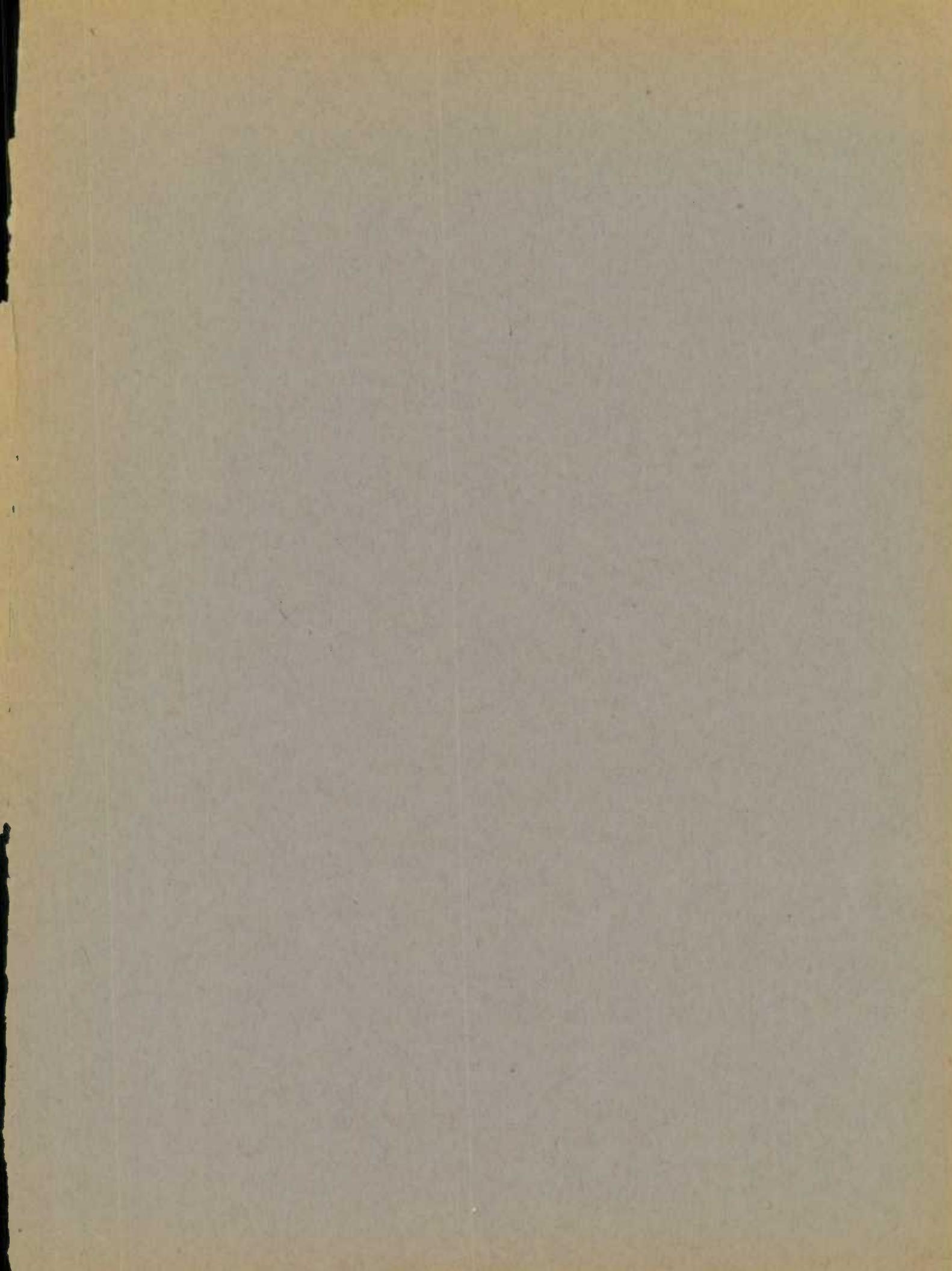
g - Minimum bill.

h - Excludes 2 per cent municipal tax.

j - Rates effective December 1925.

k - No discount.





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