

Rate Schedules for Electric Light and Power

QUANTITY DISCOUNT—When the Kilowatt Hours chargeable at the primary rate exceed 1000 K.W. Hours per month, the primary rate only (i.e., 4c, 5c or 7c, as the case may be) is discounted as follows:

	Vancouver City	
First 1000 K.W.H. per month are billed at _____	4c per K.W.H.	
Next 1000 K.W.H. per month are billed at _____	3½c per K.W.H.	
Next 1000 K.W.H. per month are billed at _____	3c per K.W.H.	
Excess over 3000 K.W.H. per month are billed at _____	2½c per K.W.H.	
	Burnaby North Vancouver City and District	Fraser Valley West Vancouver
First 1000 K.W.H. per month are billed at _____	5c per K.W.H.	6c per K.W.H.
Next 1000 K.W.H. per month are billed at _____	4½c per K.W.H.	5½c per K.W.H.
Next 1000 K.W.H. per month are billed at _____	4c per K.W.H.	5c per K.W.H.
Next 1000 K.W.H. per month are billed at _____	3½c per K.W.H.	4½c per K.W.H.
Excess over 4000 K.W.H. per month are billed at _____	3c per K.W.H.	4c per K.W.H.

SIGN LIGHTING

In estimating the maximum demand, electric signs (with the exception of Neon Gas Signs) and outside decorative lighting are included to the extent of 30% of the true value, that is a sign with a total of 1500 W. is assumed for the purpose of this rate to have a maximum demand of 450 Watts.

WATER HEATER RATES

For use only in conjunction with an electric range and so wired that the water heater consumption does not register on the range meter.

FLAT RATE—\$3.00 per month for 750 Watt.
\$4.00 per month for 1000 Watt.

SMALL POWER—THREE PHASE

Vancouver City

AVAILABILITY—Installations of under 25 H.P. requiring alternating current three-phase service at 220 or 2200 volts.

RATE—

- 3c per K.W.H. for the first 65 K.W.H. per month per H.P. connected.
- 2c per K.W.H. for the next 65 K.W.H. per month per H.P. connected.
- 1c per K.W.H. for excess over 130 K.W.H. per month per H.P. connected.

For installations exceeding 5 H.P. the first step of the rate (3c) drops to 2c after the first 325 K.W.H. are charged.

MINIMUM CHARGE—\$1.00 per month up to 2 H.P.; fifty cents for every additional H.P. connected.

TERM OF CONTRACT—2 years.

SMALL POWER—THREE-PHASE

City of New Westminster, Municipalities of Burnaby and West Vancouver and City and District of North Vancouver.

AVAILABILITY—General power purposes requiring alternating current three phase service at 220 or 2200 volts.

RATE—

- 5c nett per K.W.H. on the first 300 K.W.H.
- 2c nett per K.W.H. on excess of 300 K.W.H.

MINIMUM CHARGE—\$2.50 per month up to and including 5 H.P. connected, and 50c per month for every additional H.P. connected.

TERM OF CONTRACT—Two years.

Fraser Valley and Other Outside Points

AVAILABILITY—General power purposes requiring alternating current three phase service at 220 or 2200 volts.

RATE—

- 7c nett per K.W.H. on the first 100 K.W.H.
- 6c nett per K.W.H. on the next 50 K.W.H.
- 5c nett per K.W.H. on the next 50 K.W.H.
- 4c nett per K.W.H. on the next 50 K.W.H.
- 3c nett per K.W.H. on the next 50 K.W.H.
- 2c nett per K.W.H. on excess of 300 K.W.H.

MINIMUM CHARGE—\$3.50 per month up to and including 7 H.P. and 50c per month for every additional H.P. connected.

Service Charge, Kent Municipality—\$1.25

Rate Schedules—Electric Light & Power

GENERAL POWER

Applicable in all Mainland Districts

AVAILABILITY—Motors of 25 H.P. and over requiring alternating current three phase service at 220 or 2200 volts.

RATE—2c nett per K.W. hour.

MINIMUM CHARGE—\$12.50 per month up to and including 25 H.P. and 50c per month for each additional H.P. connected.

Alternative Rate

AVAILABILITY—Motors of 50 H.P. and over and commercial electric bake ovens.

RATE—\$1.00 per H.P. of maximum demand per month plus an energy charge of 1c nett per K.W.H.

MINIMUM CHARGE—\$1.00 per H.P. of maximum demand, but not less than 50c per H.P. connected.

EXAMPLE—Sash and door factory, connected load, 50 H.P. Monthly consumption, 3800 K.W.H. at 2c—\$76.00

At the alternative rate with a consumption of 6000 K.W., bill would be, viz:

Assuming demand of motor to be 75% of connected load—\$37.50
6000 K.W.H. at 1c—60.00

\$97.50

Average price, 1.62c nett per K.W.H.

It will be noted that the alternative maximum demand rate is of advantage to long-hour users.

WHOLESALE POWER

Applicable in all Mainland Territory

AVAILABILITY—Power installations of 200 H.P. of connected load and over, having a maximum demand of not less than 110 H.P. taking alternating current three-phase service at 2200 volts and over.

RATE—

- 2c per K.W.H. on first 65 K.W.H. per H.P. of demand.
- ½c per K.W.H. on next 65 K.W.H. per H.P. of demand.
- ¼c per K.W.H. on excess of 130 K.W.H. per H.P. of demand.

DETERMINATION OF DEMAND—By demand indicator 15 minute interval, but not less than 110 H.P.

Rate Schedules—Electric Light & Power

WHOLESALE POWER (Continued)

PROMPT PAYMENT AND QUANTITY DISCOUNT—

- None for 100 to 200 H.P. demand.
- 5% for 201 to 300 H.P. demand.
- 10% for 301 to 500 H.P. demand.
- 15% for over 500 H.P. demand.

MINIMUM CHARGE—\$1.00 per H.P. of maximum demand, but not less than 50c per H.P. connected.

TERM OF CONTRACT—Three years.

EXAMPLE—Saw mill, connected load 455 H.P. Maximum demand equal to 75% of connected load—341 H.P. Average load 65% of max. demand 222 H.P. or 166 K.W.

Operating 8 hours per day 26 days per month—208 Hrs.

Monthly consumption, 34,500 K.W. Hrs.

STEP RATE AS FOLLOWS—

341 H.P. x 65 K.W.H. first 22165 K.W.H. at 2c per K.W.H.

341 H.P. x 65 K.W.H. next 22165 K.W.H. at ¾c per K.W.H.

Excess of 44330 K.W.H. at ¼c per K.W.H.

THEREFORE BILL WOULD BE—

22165 K.W.H. at 2c—\$443.30

12335 K.W.H. at ¾c—92.52

34500—\$535.82

Less 10% discount—53.58

\$482.24

Average, 1.398c.

If plant operated 16 hours per day with same maximum demand and same average load, monthly consumption would be 69000 K.W. Hours.

Bill would be—
First 22165 K.W.H. at 2c per K.W.H.—\$443.30

Next 22165 K.W.H. at ¾c per K.W.H.—166.24

Excess of 44330 K.W.H. 24670 K.W.H. at ¼c per K.W.H.—123.35

69000—\$732.89

Less 10% discount—73.28

\$659.61

Average, 0.955c.

NOTE: The average cost per Kilowatt Hour is automatically reduced as the consumption of energy increases.

Rate Schedules—Electric Light & Power

POWER FACTOR

All rates quoted for three-phase alternating current power installations are subject to consumer's motors and other apparatus meeting the Company's specified power factor requirements. The Company determines by test the power factor on the consumer's installation under average load conditions.

DIRECT CURRENT

AVAILABILITY—D.C. power service at 550 volts in City of Vancouver.

RATE—

- 7c per K.W.H. first 100 K.W.H. nett.
- 6c per K.W.H. next 50 K.W.H. nett.
- 5c per K.W.H. next 50 K.W.H. nett.
- 4c per K.W.H. next 50 K.W.H. nett.
- 3c per K.W.H. next 50 K.W.H. nett.
- 2c per K.W.H. excess over 300 K.W.H. nett.

MINIMUM CHARGE—\$1.00 per H.P. connected, but not less than \$5.00. \$1.00 per H.P. connected is minimum for one elevator, but for two or more elevators in one building, 75c per H.P. connected is minimum for each elevator.

NOTE—As the area in which the D.C. mains exist is limited, enquiry of the Company should be made to see if available before purchasing D.C. equipment.

GENERAL INFORMATION

All rates based on monthly consumption.

Prospective users of power are requested to have their electricians ascertain from our Distribution Engineer the best point for the location of the service outlet.

The Company makes a connection charge depending on cost of services, estimated revenue and length of contract.

LIGHTING EXTENSIONS

(Not applicable to Rural Districts)

The policy of the Company, where extensions of lighting service wires are necessary, is to allow an expenditure equivalent to three years' estimated revenue from business available. To extend service to houses of 4 rooms and over an expenditure of \$50.00 is allowed, and for houses of under 4 rooms an expenditure of \$30.00 is allowed, and if the cost of service is in excess of this amount per house, a contribution towards the cost is requested and a refund is later made if during a period of three years additional premises are connected without further expenses, from the same extension.

1M R 8-6-31

5, 1934
B. C. Electric Railway Company
N. W. 50th Street
SUPREME COURT OF B. C.
Vancouver Registry
EXHIBIT No. 5.
City of Matsqui, Western Power
Filed by P. A. Date 12/32
W. A., Registrar

ELECTRIC LIGHT AND POWER

IN
**GREATER VANCOUVER
NEW WESTMINSTER
AND SUBURBAN DISTRICTS
FRASER VALLEY
RICHMOND AND DELTA
(MAINLAND DISTRICT)**



IN EFFECT JULY 1, 1931

Vancouver.....E. E. Walker, Sales Engineer
New Westminster...F. T. Yates, Fraser Valley Mgr.

North Vancouver...A. G. Perry, Local Manager
Chilliwack.....H. J. Lawrence, Local Agent
Abbotsford.....E. Webster, Local Agent
West Vancouver...I. T. Meglaughin, Local Agent

Haney.....F. W. Gillespie, Local Agent

**BRITISH COLUMBIA ELECTRIC
RAILWAY COMPANY LIMITED**

Rate Schedules for Electric Light and Power

DOMESTIC LIGHTING RATES—PER KILOWATT HOUR
AVAILABILITY—Residence lighting, heating and cooking.

	Vancouver City	Burnaby North Vancouver City and District	West Vancouver	Fraser Valley East to Rosedale	Kent
Primary Rate	4c	5c	6c	6c	6c
Secondary Rate	2c	2c	2c	3c	3c
The Primary Rate is applied according to the floor area of the consumer's house, as follows: First 1000 sq. ft. or less first 30 K.W.H. Next 1000 sq. ft. of floor area add 2 K.W.H. for each 100 sq. ft. of floor area in excess of 1000 sq. ft. For the next 1000 sq. ft. add 1 K.W.H. per 100 sq. ft. in excess of 2000 sq. ft., but not exceeding 3000 sq. ft.					
Minimum charge per month for lighting service only	50c	50c	50c	\$1.00	\$2.50
Minimum charge per month for lighting and electric range service	\$2.00	\$2.00	\$2.00	\$2.50	\$3.00
Service charge, Kent Municipality					\$1.25

How Floor Area is Assessed:

The floor area of houses is obtained by measuring outside dimensions of houses and multiplying by number of floors, and 10% is deducted to allow for walls, hallways, closets, etc. Basements, verandahs, unfinished attics, garages, etc., not fitted for living quarters are not included.

Minimum Floor Area—1,000 square feet. **Maximum Floor Area**—3,000 square feet. Only one meter allowed per residence to register all current used for domestic purposes.

COMMERCIAL LIGHTING RATES—PER KILOWATT HOUR

AVAILABILITY—Current used for all purposes supplied from the Company's lighting mains in stores, offices, warehouses, workshops, hotels and all other commercial and industrial premises.

	Vancouver City	Burnaby North Vancouver City and District	West Vancouver	Fraser Valley East to Rosedale	Kent
Primary Rate: First 65 K.W.Hrs. per K.W. of max. demand per month are charged at	4c	5c	6c	6c	6c
Secondary Rate: Excess of 65 K.W.Hrs. per K.W. of max. demand per month are charged at	2c	2c	2c	3c	3c
Service charge, Kent Municipality					\$1.25

MINIMUM CHARGE per month (all districts except Kent)—\$1.00 for the first K.W. of demand or fraction thereof and 50c for each additional ½ K.W. of demand or fraction thereof.

MINIMUM CHARGE per month (Kent District) \$2.50 for the first 2½ K.W. of demand or fraction thereof and 50c for each additional ½ K.W. of demand or fraction thereof.