

CORPORATION OF THE CITY OF NEW WESTMINSTER



ELECTRICAL UTILITY BYLAW NO. 6502, 1998

EFFECTIVE DATE: November 16, 1998

CONSOLIDATED FOR CONVENIENCE ONLY
(December 8, 2017)

This is a consolidation of the bylaws listed below. The amendment bylaws have been combined with the original bylaw for convenience only. This consolidation is not a legal document. Certified copies of the original bylaws should be consulted for all interpretations and applications of the bylaws on this subject.

AMENDMENT BYLAW

EFFECTIVE DATE

6913	March 22, 2004
6987	January 10, 2005
7107 (sch of rates)	July 10, 2006
7141 (sch of rates)(eff Feb 1/07)	January 22, 2007
7151(Sec 4, 10 & Sch B)	March 12, 2007
7224 (sch of rates)	April 7, 2008
7255 (Sch B Stndrd Chrges)	September 8, 2008
7305 (Sch B)	April 6, 2009
7312 (Sch A)	April 27, 2009
7379 (Sch A)	April 1, 2010
7442 (Sch A)	December 13, 2010
7462 (Sch A)	May 3, 2011
7513 (Sec 24(5),SchA)	March 26, 2012
7589 (Sch A)	March 25, 2013
7635 (Sch B)	January 1, 2014
7668 (Sch A)	April 1, 2014
7738 (Sch A)	April 1, 2015
7816 (Sch A)	April 1, 2016
7848 (new rates in Sch A)	July 1, 2016
7901 (Sch A)	April 1, 2017
7963 (Sch B)	January 1, 2018

The bylaw numbers highlighted in this consolidation refer to the bylaws that amended the principal Bylaw No. 6502, 1998. The number of any amending bylaw that has been repealed is not referred to in this consolidation.

Obtainable from the City Clerk's Office

THE CORPORATION OF THE CITY OF NEW WESTMINSTER

BYLAW NO. 6502, 1998

A Bylaw to provide for the classification of users of electrical energy and to prescribe the rates, terms and conditions of supply and use to users, and to impose service connection fees for electrical energy facilities and to fix the terms of payment

THE MUNICIPAL COUNCIL of the Corporation of the City of New Westminster
ENACTS AS FOLLOWS:

1. This Bylaw may be cited as “Electrical Utility Bylaw No. 6502, 1998”.
2. “Electrical By-law, 5371, 1982” and all amendments thereto are hereby repealed.
3. “Electrical Energy Rates By-law, 5613, 1986” and all amendments thereto are hereby repealed.

DEFINITIONS

4. In this Bylaw, the words and terms hereafter defined shall have the following meanings:

“apartment building” means all residential buildings containing three or more individual suites;

“assessed demand” means the demand in kilowatts or kilovolt amperes used for billing purposes when the maximum demand is not measured by a demand meter;

“billing demand” means the demand used to determine the charges in accordance with the provisions of the Schedule of Rates attached hereto as Schedule “A”;

“City” means Corporation of the City of New Westminster;

“customer” means any person, partnership, company or governmental agency served with electricity by the City at any one premises;

“design potential” means the potential available from the City’s distribution system in any given area;

“dip service connection” means a service connection provided from the City’s overhead circuits that is underground where it crosses the customer’s property line;

“drop service” means that portion of an overhead service connection extending not more than 30 meters onto the customer’s property and not beyond any intermediate support on the customer’s property;

“electrical equipment” means all physical materials and implements used in, or necessarily incidental to, the transmission, distribution or use of electrical energy;

“electrical work” means the electrical work, installation, addition, reconstruction, renewal, repair or alteration of any electrical equipment;

“electricity” means inclusively electric power and electric energy unless the context requires otherwise;

“energy” means work done; electric energy is measured and expressed in kilowatt hours;

“extension” means an addition or upgrade to, the City’s electrical distribution system;

“four months” means a period of from one hundred and sixteen to one hundred and twenty-eight consecutive days;

“General Manager, Electric Utility” means the person from time to time duly appointed by the Council as General Manager, Electric Utility of the City of New Westminster;

“general service” means electricity for all purposes, not otherwise specifically provided, including, without limiting the generality of the foregoing, service to:

- (a) common use areas of rental apartment buildings;
- (b) a single-family dwelling a portion of which is used to carry on a business if the whole dwelling is supplied through one meter;
- (c) schools, churches, hospitals, halls and recreational establishments;
- (d) nursing homes, boarding and rooming houses; and
- (e) marinas and yacht clubs;

“horsepower” and “HP” mean an imperial unit of the rate of doing work, equal to 33,000 foot-pounds per minute and equivalent to 746 watts;

“kilovolt-ampere” and “kV.A” mean the product of the effective volts across the terminals of a circuit by the effective amperes through it, divided by 1000;

“kilowatt” and “kW” mean a unit of the rate of doing work equal to 1000 watts;

“kilowatt hour” and “kW.h” mean the amount of energy delivered in one hour, when delivery is at a constant rate of one kilowatt;

“maximum demand” means the greatest amount of kilowatts or kilovolt amperes – averaged over a time interval of not more than 32 consecutive minutes – registered during a specified period by a demand meter;

“month” means a period of from twenty-seven to thirty-three consecutive days;

“multiple residential service” means electricity for use in single-family dwellings used only as dwellings, where all such dwellings are served through the same meter, and:

- (a) for common use areas in the case of a building which contains only two single-family units; and
- (b) for farm use if the single-family dwellings are situated on a farm which would otherwise qualify for residential service;

BYLAW NO. 7151, 2007

“newly constructed single family residential or duplex building” means: A new dwelling or structure erected on a parcel of land where no dwelling or structure previously existed, or where an existing dwelling or structure is proposed to be reconstructed that has been damaged, destroyed or demolished beyond 75% of its value above its foundation”;

“owner” means that person registered as owner of the premises in the Lower Mainland Land Title Office;

“permanent service” means a service where electricity will be taken for an unlimited period of time;

“persons” shall include any corporation, partnership, or party, and the heirs, executors, administrators, or other legal representatives of such person to whom the context can apply according to law;

“power” (electric) means the time rate of generating, transferring or using electric energy, and is measured and expressed kilowatts or kilovolt amperes;

“power factor” means average lagging power factor; the ratio determined by the following formula and based on monthly measurements of kW.h and lagging kVar.h or at the City’s discretion by spot checks from time to time:

$$\text{Average Lagging Power Factor} = \frac{\text{kW.h}}{\sqrt{\text{kW.h}^2 + \text{kVar.h}^2}}$$

“point of delivery” means the location where the City’s wires or cables are connected to the meter, the customer’s wiring, or the customer’s switch whichever comes first;

“primary potential” means a nominal potential of 750 volts or more measured phase to phase;

“principal residence” means the sole residence of the customer, or the residence most used by the customer in a calendar year;

“residential service” means electricity for use:

- (a) in separately metered single-family dwellings used only as dwellings;

- (b) for lighting and equipment in a building which contains only two single-family dwellings and space used in common by them, whether it is metered separately or as part of a separate residential service to either of such dwellings, if such lighting and equipment is used only for the common benefit of the said dwellings;

“residential service – common use” means electricity for use in common use areas of strata corporations and owner-occupied multiple residential premises containing only single-family dwellings, used only as dwellings;

“secondary potential” means a nominal potential of less than 750 volts measured phase to phase;

“service connection” means that portion of the distribution facilities extending from the City’s circuits on a public highway to the point of delivery;

“single-family dwelling” means a dwelling consisting of living quarters for a single family, having in one self-contained unit at least sleeping quarters, a kitchen and bathroom or alternative facilities acceptable to the City;

“temporary service” means a service where electricity will be or, in the opinion of the City is likely to be, taken for a limited period of time;

“three months” means a period from eighty-five to ninety-seven consecutive days;

“two months” means a period of from fifty-four to sixty-six consecutive days;

“underground service connection” means a service connection provided from the City’s underground circuits.

OFFICE OF THE GENERAL MANAGER, ELECTRIC UTILITY

5. The General Manger, Electric Utility has sole authority to:
 - (1) Designate and determine the position of all overhead, underground and surface-mounted electrical distribution structures and the relative distance to other objects; and
 - (2) Regulate all additions or alterations to the City's electrical system and the points at which electrical services may enter any building.
6.
 - (1) The General Manager, Electric Utility may at all reasonable times enter on any property to ascertain whether the provisions of this Bylaw have been and are being complied with. A person employed from time to time by the City may be designated to act in the place of the General Manager, Electric Utility for the purposes of this subsection.
 - (2) No person shall interfere with or obstruct the entry to any property by the General Manager, Electric Utility or the designate, while either person is performing the duties described in subsection 6(1).
 - (3) Where the General Manager, Electric Utility is of the opinion that any electrical work or equipment located on any premises is of immediate danger to any person or property, he may without notice to anyone, disconnect or cause to be disconnected such electrical equipment from any source of electrical energy, provided that he shall, upon doing so, give notice in writing to the owner of the premises upon which the electrical equipment is located, within a reasonable time thereafter. The B.C. Electrical Safety Branch will be notified and reconnection will take place only after approval has been received from the Provincial Electrical Inspector.
7. No person shall make any attachment whatever to any public utility pole or electrical lines attached thereto located on the City streets or elsewhere without the express written permission of the General Manager, Electric Utility.

CITY EQUIPMENT AND FACILITIES

8.
 - (1) All meters and other facilities furnished by the City shall be and remain the City's property and the right to remove, replace, or repair the same is expressly reserved.
 - (2) It shall be unlawful for any persons to in any manner injure, mutilate, destroy, remove, disconnect or in any way interfere or tamper with any of the machinery, poles, wires, meters or other equipment belonging to or in any manner included in the light and power plant of the City.

- (3) Notwithstanding the provisions set out in sub-clause (2) hereof, the General Manager, Electric Utility may give special permission to any person to do work deemed necessary and proper in the circumstances.

GENERAL RULES

9.
 - (1) No person, other than the General Manager, Electric Utility or any employee of the City duly authorized by him, shall make any electrical connection between the City's electrical distribution system and any electrical works.
 - (2) Before commencing any electrical work, an electrical permit holder shall ascertain from the General Manager, Electric Utility the location and current characteristics (ie: voltage, number of phases etc.) of all service lines and meters to be connected to the electrical work covered by the permit.
 - (3) As a condition precedent to a connection of a customer to the City distribution lines, the municipal description of the premises to be connected in the form of permanent street and suite number(s) assigned by the Assessor shall have been erected on the premises.
 - (4) Where emergency generators using gasoline, diesel, natural gas, propane or any other flammable fuel are required the generators must be located in a room separate to the Electrical Room.
 - (5) Meters must be grouped in an approved location in a meter room, switch room or cabinet.
 - (6) Meters shall be arranged in order of sequence as approved on plans for suite numbering.

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10.
 - (1) All Multi-family, Commercial and Mixed use, and newly constructed Single Family and Duplex building shall be designed to provide for underground services including electrical, telephone and cable-television".

BYLAW NO. 7151, 2007

Single family residential or duplex buildings that are completing upgrades/renovations where the electrical service will be impacted may continue to stay overhead or at the customer's request switch to underground than being charge a flat rate fee as per amended Schedule "B".

- (2) Subdivisions and developments regulated by the Subdivision and Development Control Bylaw require underground wiring including electrical, telephone and cable-television.

- (3) All buildings with an estimated actual demand load of 100 kW or more shall be designed for a primary vault.

TERMS AND CONDITIONS

11. Application for Service

- (1) Applicants for residential or non-residential service shall make application for service on the form provided by the City, and when signed by the customer and accepted by the City, the form becomes the agreement under which electricity is delivered to the customer.
- (2) The customer shall not substantially increase his connected load without the approval of the City.
- (3) The customer shall not use electricity for any other purpose than that for which the application is made.

12. Extension

If an application for service requires an extension, the City may, at its sole discretion, either refuse to provide the extension or provide the extension subject to the following conditions:

- a) the applicant shall be responsible for 100% of the costs incurred by the City in providing the extension; and
- (b) the applicant shall pay the City its estimated costs of providing the extension, as determined by the City, prior to the City commencing work on the extension.

13. Supply of Electricity

The terms and conditions for the supply of electricity set out in this Bylaw apply to all customers served by the City, and the breach of any terms and conditions may result in a discontinuance of electricity supply to a customer.

14. Resale of Electricity

No customer shall sell to any other person metered quantities of any electricity supplied by the City without the written consent of the City or otherwise than in accordance with the conditions which the City requires the customer to agree to before the City's consent is given. The required conditions will include the provision that the price charged for electricity sold by the customer to any other person shall not exceed the price which would be charged by the City for electricity sold to such a person as a customer of the City. All metering installations are governed by the Electricity and Gas Inspection Act and Regulations, administered by Measurement Canada.

15. Service Connections

(1) General

- (a) The City reserves the right to determine the potential and number of the phases of the service connection.
- (b) For the majority of customers the service connection will be at the secondary potential available from the City's secondary distribution system on public property which depends on the design of the City's system in any given area and is:
 - (i) 120/240 volts single phase, 3 wire
 - (ii) 120/208 volts three phase, 4 wire
- (c) The service potential is the potential at the point of delivery and is:
 - (i) secondary, if the service connection is secondary;
 - (ii) primary, if the customer's switch is at a primary potential
- (d) The service connection will be at the primary potential if the estimated actual demand load is 100 kW or more or the distance from the City's distribution on public property, or both, is such that in the opinion of the City a service connection at the secondary potential is not practical.
- (e) The City will normally serve each building or premises, or each group of buildings or premises if in the same ownership and on the same or contiguous parcels of land, through one service connection at a primary potential, or at the available design potential or potentials. A second service connection to such buildings or premises may be provided by the City, in its discretion, and subject to the approval of the appropriate inspection authority, if the customer agrees to pay the costs, as estimated by the City, that the City will incur to provide the second service connection.
- (f) Connections to or disconnections from the City's system shall be made only by the City's employees or agents authorized to do work or such other persons as the City may specifically permit to do the work.
- (g) Each customer, or where a premises is in multiple occupancy, any one or more of the owners of such premises and each customer therein, shall furnish, own and maintain all wiring and equipment beyond the point of delivery.

(2) Supply of Transformation

If the service is at a primary potential the customer will supply, own and maintain the transformers.

(3) Service Connections on Private Property

(a) Installation:

(i) Overhead Service:

An overhead service connection will be constructed at the expense of the customer with the exception of the drop service and the material cost of any transformers supplied by the City.

(ii) Underground and Dip Service Connection – Primary

Potential and Service Through One Meter

Where the customer is to take service at a primary potential, the premises will be served by an underground or dip service connection. The City will establish the most suitable location for the service connection and at the customer's expense, extend or alter the electrical distribution system on public property to the point of delivery. The customer, at his cost, will provide and install all equipment for the service connection including cable, conduit, duct work, pole riser and cable terminations. The customer will supply and install all primary and secondary switchgear and power transformers, in spaces satisfactory to the City. The City will provide a standard meter cabinet for the installation of the City's meter and test block. The City will supply metering instrument transformers to the customer for the customer to install in the switchgear.

(ii) Underground and Dip Service Connection – Primary

Potential With Multiple Secondary Metering

The requirements for a primary underground or dip service with multiple secondary metering are the same as for preceding Section 14(3) (a) (ii) except that the City will provide meters and metering current transformers as necessary.

(ii) Underground and Dip Service Connection – Secondary

Potential with Single or Multiple Meters

The requirements for a secondary underground or dip service are the same as for preceding Section 14(3) (a) (ii) except that the City

will provide pole mounted transformers, meters and metering current transformers as necessary.

(b) Operation and Maintenance

Notwithstanding any other provisions of this Bylaw:

- (i) A new overhead service connection on private property which has been built by the City at the customer's expense shall be owned, operated and maintained by the City to the point of delivery.
- (ii) An underground or dip service installed by the customer at the customer's expense shall be owned and maintained by the customer to the point of delivery.

(4) Metering

Notwithstanding the service potential at the point of delivery, normally the supply of electricity will be metered at a secondary potential but the City reserves the right to determine the potential at which the supply of electricity will be metered.

16. Alternative Service Connection

- (1) Where the nature of the operations for which electricity is used by a customer is such that any interruption of service thereto would probably result in grave and unavoidable danger to persons or property or in serious and unavoidable economic loss, the City, in its discretion, may provide a complete or partial alternative service to the premises of the customer.
- (2) In considering whether it will provide such alternative service the City may take into account any factors it considers relevant, including but not limited to:
 - (a) the nature of the customer's operations;
 - (b) the size of the customer's requirements;
 - (c) the location of the premises at which such alternative service is required;
 - (d) the cost to the City of providing such alternative service and normal service; and
 - (e) the extent to which such alternative service would fit in with system development plans.

- (3) The City may, as a condition of providing such alternative service require:
 - (a) the customer to bear all or part of the cost thereof;
 - (b) the customer to enter into a contract of sufficient duration to cover out of estimated revenue to the City such proportion of the cost of providing alternative service as the City considers reasonable; or
 - (c) both of the above;
- (4) The provision of or failure to provide such alternative service shall not in any manner make the City liable for any loss or damage due to interruption, failure or defect in, or curtailment or suspension of service.

17. Temporary Service

- (1) Temporary service will be charged at the applicable rate.
- (2) A customer who is to take a temporary service shall pay to the City in advance of construction the costs which the City estimates it will incur in installing and removing the facilities necessary to supply electricity. Such facilities shall include the extension, drop service and transformers of the City. Such costs shall include charges for labour, materials, transformer rental and administration as determined by the City from time to time.

18. Stand-By, Emergency or Maintenance Service

Stand-by, emergency or maintenance service is not available under the Schedule of Rates attached hereto as Schedule "A" and will be supplied by the City only by special agreement specifying the rates, terms and conditions governing such service.

19. Metering

- (1) In order to determine for billing purposes the quantity of electricity consumed by the customer, one consumption meter and, where required, one associated demand meter will be installed by the City on the customer's premises at a location most convenient to the City for each separate Rate under which the customer takes service. At the request of a customer receiving multiple residential or general service the City may agree to install for billing purposes on the customer's premises more than one consumption meter and, where required, more than one associated demand meter for each separate Rate under which the customer takes service and in such cases the customer will be billed separately for the consumption and, where appropriate, associated demand registered on each such meter. The customer shall provide wiring and fittings, satisfactory to the City and in accordance with any applicable electrical code or City bylaw, for the installation of each such meter. The City may install on the customer's

premises any meter or apparatus which it may need for its use and convenience.

- (2) The customer shall take reasonable care of and protect all meters and apparatus belonging to the City on the customer's premises, and shall pay to the City the cost of any such meters or apparatus broken, missing or damaged except to the degree that the customer can show that the meter or apparatus was broken, missing or damaged due to a defect therein or to any act or omission of the City's servants or agents.
- (3) All meters, wires or other apparatus furnished by the City remain the property of the City and must not be moved or removed from the premises without the City's prior written permission.

20. Meter Reading

- (1) The interval between consecutive meter readings shall be at the sole discretion of the City.
- (2) Where the Rate under which a customer takes service does not require measurement of the customer's demand, the meter will normally be read at intervals of two months. Where the Rate under which a customer takes service requires measurement of the customer's demand, the meter or meters will normally be read at intervals of one month.

21. Billing

- (1) Bills will be rendered on the basis of the consumption and, where applicable, the demand, registered by a meter or meters, in accordance with the Schedules of Rates attached hereto as Schedule "A" and in particular, the Rate under which the customer takes service, except:
 - (a) if the service is not metered,
 - (b) if a Rate is changed and the effective date of the change falls between the dates of two successive meter readings, in which case the City will render a bill which will be determined upon a prorated basis in accordance with the following procedure:
 - (i) the City will calculate an amount hereinafter called "Amount A", which would be payable for the consumption and, where applicable, the demand, for the period between the two successive meter readings, in accordance with the Rate under which the customer was taking service immediately prior to the effective date of the change in the Rate;
 - (ii) the City also will calculate an amount, hereinafter called "Amount B", which would be payable for the consumption and, where applicable, the demand, for the period between the two successive

meter readings, in accordance with the Rate under which the customer is taking service immediately after the effective date of the change in the Rate;

(iii) the bill rendered will be the sum of:

(A) Amount A, multiplied by the number of days between the date of the earlier meter reading and the effective date of the change in the Rate, divided by the number of days between the successive meter readings; and

(B) Amount B, multiplied by the number of days between the effective date of the change in Rate, and the date of the later meter reading, divided by the number of days between the successive meter readings.

(2) If meter readings cannot be obtained for any reason, the demand or consumption or both may be estimated by the City and used for billing purposes, and the next bill, which is based on actual meter readings, will be adjusted for the difference between estimated and actual use over the interval between meter readings.

(3) If any meter fails to register or registers incorrectly, the consumption or demand or both may be estimated by the City and used for billing purposes.

(4) If meters are read at longer or shorter intervals than the period set out in the applicable Rate, the minimum charge, the service charge, the number of kilowatt hours in each step and, if applicable, the demand charge set out in such Rate shall be adjusted by a prorate factor before the bill is calculated; and

(a) if the period between meter readings is one, two, three or four months as defined in this Bylaw the prorate factor shall be:

(i) one, two three or four respectively if the rate in the applicable Rate is for a period of one month, or

(ii) one-half, one, one and a half or two respectively if the rate in the applicable Rate is for a period of two months.

(b) if the period between meter readings is not one, two, three or four months as defined in this Bylaw the prorate factor shall be:

(i) the number of days between meter readings divided by 30 if the rate in the applicable Rate is for a period of one month, or

(ii) the number of days between meter readings divided by 60 if the rate in the applicable Rate is for a period of two months.

- (5) Bills will be rendered as often as deemed necessary by the City and are due and payable upon presentation.
- (6) Where a customer takes service under a Rate in which the rate is for a period of two months, the City may, at its sole discretion, and to enable a customer to make monthly payments, issue a statement of an interim amount which, if paid, will be credited against the customer's next bill.

22. Billing of Fractional Demands

- (1) A billing demand which would include a fraction shall be deemed to be the nearest whole unit of demand below the fraction.
- (2) The minimum billing demand shall, except where the context otherwise requires, be deemed to be 1 kW or 1 kV.A whichever is applicable.

23. Termination of Supply on Breach of Agreement

- (1) The City may refuse to provide or may discontinue without notice all service to any customer who has failed to pay for service at any or all premises or is otherwise in breach of the terms and conditions upon which service is provided by the City. For the purpose of this paragraph the term "customer" shall have its ordinary meaning and shall not be restricted by its definition in Section 4 hereof and the term "service" shall mean electric service wherever such service is provided by the City to the customer.
- (2) The City shall not be liable for any loss, injury or damage suffered by any customer by reason of the discontinuation of or refusal to provide service in accordance with Section 23 hereof.

24. Security Deposit

- (1) Any customer served on a Rate available for general service, may at any time be required by the City to deposit and to maintain with the City a security deposit in cash, certified cheque, money order or irrevocable letter of credit. The amount of such security deposit will be the greater of \$50.00 or three times the customer's maximum monthly bill, as estimated by the City. If the security deposit held by the City is not equal to three times the customer's maximum monthly bill, the customer shall be required to pay an additional security deposit.
- (2) In the event that a customer's bill is not paid when due, the City may appropriate the customer's security deposit and earned interest, if any, or any part of it toward payment of such bill, and thereupon the customer's property in such deposit, and earned interest, or any part so appropriated, as the case may be, shall forthwith cease, but nothing in this clause shall restrict the City's right to discontinue service on the failure of a customer to pay for service.

- (3) A security deposit may be refunded when, in the opinion of the City, it is no longer necessary for the customer to maintain such deposit.
- (4) A security deposit, or that part of it which has not been appropriated, will be refunded after payment of the final bill of the customer by whom the deposit was made.
- (5) The City will pay simple interest on security deposits held by it in cash at the rate of interest set by the City monthly, such rate to be based on the monthly average Treasury Account Rate provided by the City's banking service provider.
- (6) Payment of interest on a cash security deposit held by the City will be made in the form of a credit to the customer's account on 31 December of each subsequent year, or at the time of the customer's final bill, or added to the amount of the cash security deposit when a refund is made as provided in subsection (3) hereof.
- (7) The City will not pay interest on security deposits held by it in a form other than cash.
- (8) No interest shall accrue on any security deposit after the date of the final bill for the account secured by the deposit.

25. Account Charge

When a change of customer occurs, a charge, hereinafter called an "Account Charge" in the amount specified in Schedule "B" hereto shall be paid by the new customer with respect to each account in that customer's name for which a separate bill is rendered by the City, except in the following cases:

- (1) If the new customer is, or was, the spouse of the former customer; or
- (2) If the new customer is the owner or operator of multi-tenant premises, only one charge shall be paid with respect to all accounts for single family dwellings for which he will be the customer in such premises.

26. Connection and Reconnection Charges

- (1) In addition to all other charges provided for in this Bylaw, charges in the amounts specified in Schedule "B" hereto shall be paid by a customer to obtain service and for a connection or reconnection of his premises or property to the lines of the City when:
 - (a) a service connection is energized for the first time;
 - (b) an additional meter is installed except as provided in subsection (3) hereof; or
 - (c) service is restored to premises which were disconnected:

- (i) because the customer had failed to pay his account;
 - (ii) because a new customer had failed to apply for service, in which case an Account Charge shall also be paid;
 - (iii) because the City was ordered to do so by an electrical inspector or other duly authorized official;
 - (iv) to test a meter pursuant to the Electricity Act (Canada) at the request of a customer, if such meter is found to be accurate within the limits permitted by the statute; or
 - (v) to permit the customer to make alterations upon or to the premises.
- (2) If permanent service to premises is terminated at the request of a customer, whether or not the service is disconnected by the City, and if the same customer or spouse, servant, agent or partner of the customer requests restoration or reconnection of the service to the premises within twelve months on the same Rate under which the customer was receiving service immediately before his service was disconnected, the City shall require the customer or spouse, servant, agent or partner of the customer to pay the greater of:
- (a) the expenses the City incurred in making the restoration or reconnection of the service; or
 - (b) the sum of the minimum charges which would have been paid by the customer between the time of termination and time of restoration or reconnection of service on the applicable rate.
- (3) The minimum charge may, in any of the cases described in this Section, be increased to an amount sufficient to cover the expenses incurred by the City if the connection or reconnection:
- (a) can be made only at costs higher than those specified in Schedule "B";
 - (b) is requested by the customer to be made, and is made by the City, outside the regular working hours of the City.
- (4) In no case shall a customer be charged for a connection or reconnection an amount less than is elsewhere provided in this Bylaw.

27. Termination of Service

- (1) The customer must give the City at the City Hall at least 24 hours notice before vacating the premises after termination of the agreement covering the service. In the absence of such notice the customer will be held responsible for all electricity used on the premises and all damage to and

loss of wires, meters or other apparatus of the City between the date of the customer's vacating the premises and the date of receipt by the City of notice of such vacation, and for a further period of 24 hours after receipt of such notice.

- (2) The City reserves the right to suspend or terminate service at any time to prevent fraudulent use of electricity, to protect its property, or to protect its service to other customers, or if the customer fails to comply with the terms of his service agreement or this Bylaw, or if the City is ordered by a competent governmental authority to suspend or terminate such service.

28. Liability of City

- (1) The City will endeavor to provide a regular and uninterrupted supply of electricity but it does not guarantee a constant supply of electricity or the maintenance of unvaried frequency or voltage and shall not be liable for any loss, injury, damage or expense caused by or resulting from any interruption, termination, failure or defect in the supply of electricity, whether caused by negligence of the City, its servants or agents, or otherwise.
- (2) Electric service may be temporarily suspended to make repairs or improvements to the City's system or in the event of fire, flood or other sudden emergency. The City will, whenever practicable, give notice of such suspension to the customer and will restore service as soon as possible. Such notice may be given by newspaper, radio or television announcement, or any combination thereof. The City shall not be liable for any loss, injury or damage caused by or arising out of any such suspension of service.

29. Liability of Other Utilities

Service under this Bylaw is sometimes provided by the City by the use of the property and service provided by or shared with other utilities, telephone and electric. It is a condition of service that any loss or damages, direct or indirect, which the customer may suffer by reason of any defect in the service to be provided under this Bylaw or any interruption in or failure to provide service, whether or not caused by negligence, shall not be recoverable from the City or any other utility and that the customer may not take proceedings of any kind against any of the City or other utilities by reason of any defect in the service provided under this Bylaw or any interruption in or failure to provide service to the customer.

30. Access to Premises

The City's agents and employees shall have, at all reasonable times, free access to the equipment supplied with electricity and to the City's meters and apparatus and the wires leading therefrom on the customer's premises to ascertain the quantity or method of use of service.

31. Curtailed of Service

- (1) At any time in the event of a breakdown or failure of transmitting or distributing plant, lines or equipment, or to comply with the requirements of any law, the City shall have the right to require any customer or customers, until notice of termination of the requirement is given or between specified hours, to discontinue the use of electricity for any purpose or to reduce in any specified degree or quantity his or their consumption of electricity.
- (2) Any such requirement may be communicated to any customer or customers or to all customers by either or both of the following means, that is to say, public notices in the press or announcements over radio or television, and may be communicated to any individual customer by either or both of the following means, that is to say, notice in writing (either sent through the mail or left at the premises where electric service is received, or served personally) or oral (which may be by telephone) communication. Any notice of the termination of any requirement may be communicated similarly.
- (3) If in the opinion of the City any customer of the City has failed to comply with any requirement of the City communicated pursuant to this Section, the City shall be at liberty, after notice to the customer communicated as aforesaid, to discontinue electric service to such customer.
- (4) The City shall not be liable for any loss, injury, damage or expense occasioned to or suffered by any customer for or by reason of the making of any such requirement or the discontinuance of electric service to him pursuant to this Section.

32. Power Factor

(1) Lighting

All new installations or connections of neon, mercury vapour, sodium vapour, fluorescent, or other types of lamps, lighting devices, or display facilities, supplied with electricity by the City, shall be equipped at the customer's expense with high power factor ballasts, or auxiliaries designed and installed to the satisfaction of the City, to ensure that a lagging power factor of not less than 90% is maintained.

(2) General Service

The average lagging power factor shall not be less than 90%. The City, in its discretion, may make continuous tests of power factor or may test the customer's power factor from time to time. If the customer's power factor is lower than 90%, the City may require the customer, at his expense, to install power factor corrective equipment to ensure that a lagging power factor of not less than 90% is maintained.

(3) Failure to Comply with Power Factor Requirements

If the customer neglects or refuses to install the power factor corrective equipment or auxiliaries as required by subsections (1) or (2) above forthwith upon a request so to do, the City may at its sole option:

- (a) disconnect service; or
- (b) require a payment (in addition to the regular payment) of fifty cents (50¢) per month per 100 watts or fraction thereof of the connected load; or
- (c) increase the customer's bill for electricity by a surcharge in accordance with the following table; the amount of the surcharge so determined shall be added to the minimum bill or the calculation of the bill under the Schedule of Rates, whichever is the greater.

<u>Lagging Power Factor as Determined by the City</u>	<u>Lagging Power Factor Surcharge</u>
Less than 100% but 90 % or more	Nil
Less than 90% but 88% or more	2%
Less than 88% but 85% or more	4%
Less than 85% but 80% or more	9%
Less than 80% but 75% or more	16%
Less than 75% but 70% or more	24%
Less than 70% but 65% or more	34%
Less than 65% but 60% or more	44%
Less than 60% but 55% or more	57%
Less than 55% but 50% or more	72%
Less than 50%	80%

- (4) No credit will be allowed for leading power factor.

33. Disturbing Use

- (1) All equipment for which electricity is supplied shall be subject to the reasonable approval of the City and the customer shall take and use the electricity so as not to endanger the City's apparatus or cause any undue or abnormal fluctuations of the City's line voltage or introduce disturbing elements into the City's system; and for three phase, four wire service the system design of the premises served must not be such that any condition of unbalanced load between phases is more than 10% of the phase carrying the least load.
- (2) The City may require the customer, at his own expense, to provide equipment which will reasonably limit such fluctuations or disturbances and may refuse to supply electricity or suspend the supply thereof until such equipment is provided.

34. Meter Testing

Any customer who doubts the accuracy of the meter measuring electricity used by him may have the meter tested by Measurement Canada. Applications for such tests should be made direct to the Finance Department, City Hall. Should the meter on such test be found to register with an error greater than that permitted under the Electricity & Gas Inspection Act of Canada, Measurement Canada will refund the fee to the applicant and charge the cost of the test to the City.

35. Taxes

The rates and charges set out in this Bylaw do not include Social Services Tax or any other tax which the City may be lawfully authorized or required to add to its normal rates and charges.

36. Waiver of Minimum Charges

- (1) If the City in any case requires the owner of a motel or trailer court to apply for residential service in his own name for any separately metered unit of accommodation upon his premises and if no electricity is consumed in such a unit during an interval between meter readings, the minimum charge for such interval shall be waived.
- (2) In apartment buildings where separate meters for the suites are installed during construction of the building, minimum charges will be made only after the suite for which a particular meter is installed is first occupied.

37. Premises in Multiple Occupancy

(1) Multiple Residential Occupancy

If a premises contains more than two single-family dwellings and no commercial units the owner or operator may, by agreement of the City:

- (a) provide for the premises to be served through one meter in which case the applicable all purpose multi-residential rate will apply, or
- (b) provide for each single-family dwelling to be served through a separate single meter, in which case the applicable residential Rate will apply and the City may, at its sole option at any time and from time to time, either:
 - (i) deal directly with each tenant as a residential customer of the City, or
 - (ii) deal directly with the owner or operator of the development as a customer of the City in respect of any or all of such single-family dwellings,

and provide for electricity used in areas common to all tenants to be metered through a separate meter to which the applicable residential or general Rates will apply, or

- (c) provide for all single-family dwellings to be served through one meter, in which case the applicable multiple residential Rate will apply to consumption registered on such meter, and provide for electricity used in areas common to all tenants to be metered through a separate meter to which the applicable residential or general Rates will apply.

Note: General Rates are not available as an alternative to an all purpose multi-residential Rate or a multiple residential Rate.

(2) Multiple Non Residential Occupancy

If a premises containing no single-family dwelling is in multiple occupancy, the owner or operator will provide for each occupant to be served individually and the City will deal with each occupant as a customer of the City, except:

- (a) where, in the opinion of the City, it is impracticable for the City to do so;

Examples of situations where the City considers it impracticable to deal with each occupant as a customer are:

- (i) where the type of occupancy is transient in nature;
- (ii) where the design of a building renders it impracticable to meter the electricity used by individual occupants;
- (iii) where a building such as a hotel contains one major occupant with a large load and a small number of tenants whose total electric load is so small both in kilowatts and in relation to the major load that the City considers it impractical to deal with each aforesaid tenant;

- (b) that, if the point of delivery is at a primary potential, the owner or operator of the premises may elect to provide for the premises to be served through one meter. An owner or operator choosing this option is not permitted to resell electricity other than in accordance with the provisions of this Bylaw.

(3) Multiple Residential and Non Residential Occupancy

- (a) If a premises contains both single-family dwellings and commercial units the owner or operator may elect any of the options set out above under the heading "Multiple Residential Occupancy" to provide for the supply of electricity to the single-family dwellings and areas used in common only by such dwellings.

- (b) The owner or operator must provide for each non residential occupant to be served individually and for separate metering for areas and uses, used in common by such non residential occupants.

38. Rates

- (1) The rates to be charged by and paid to the City for electric service shall be the Rates set out in the Schedule of Rates hereto from time to time in effect, which may be inspected during business hours at the City Hall, New Westminster, B.C.
- (2) The City will endeavor to provide the customer with information and advise with respect to all rates available to the customer from time to time, but in every case the selection of the Rate used shall be the sole responsibility of the customer.
- (3) The customer may apply at any time in writing to be billed on another Rate in the Schedule of Rates from that under which he is being served. The City may, in the City's sole discretion, reject, defer or approve such application. In general, approval will not be granted:
 - (a) if the Rate which the customer applies for was used by the customer during the preceding twelve months; or
 - (b) if the initial contract period has been completed; or
 - (c) if the Rate applied for is, in the opinion of the City, not available to the customer.

39. Conflicting Terms and Conditions

Whenever anything in these Terms and Conditions is in conflict with any special terms or conditions provided in the Schedule of Rates hereto, the terms and conditions provided in the Schedule of Rates shall prevail and whenever anything in these Terms and Conditions or in any Schedule of Rates is in conflict with the terms of any special contract the terms of such special contract shall prevail.

40. Offences and Penalties

- (1) Wherever in any of the provisions of this Bylaw, permission is granted to do any act or thing according to certain regulations, or in a certain manner or mode prescribed herein, any person failing, neglecting or refusing to do or perform any act or thing in accordance with the permission thereby granted commits an offence and upon conviction, shall be liable to the penalties hereby imposed.
- (2) Every person who violates any of the provisions of this Bylaw or who suffers or permits any act or thing to be done in contravention or in violation of any of the provisions of this Bylaw, or who neglects to do or refrains from doing anything required to be done by any of the provisions of this Bylaw, or who

does any act or thing which contravenes any of the provisions of this Bylaw, commits an offence and upon conviction, shall be liable to the penalties hereby imposed.

- (3) Every person who is convicted of an offence against this Bylaw is liable to a fine of not more than \$2,000.00 or to imprisonment for not more than 6 months, or both.

41. Miscellaneous

- (1) The Schedules which are attached to and which are hereby incorporated with and made part of this Bylaw are:
 - (a) Schedule "A", being The Schedule of Rates;
 - (b) Schedule "B", being The Standard Charges.
- (2) If any section, subsection, sentence, clause or phrase of this Bylaw is for any reason held to be invalid by the decision of any Court of competent jurisdiction, the invalid portion shall be severed and the decision that it is invalid shall not affect the validity of the remainder of the Bylaw.

BYLAW NO. 7816, 2016; 7901, 2017

SCHEDULE "A"

SCHEDULE OF RATES – Effective April 1, 2017

RATES 101, 102 and 103

Rate 101

Residential Service, Single Family Dwelling for a period of two months:

Basic Charge per period	\$12.34
All kW.h per period	.1028 per kW.h
Minimum Charge	Basic Charge per period

A rate rider equal to 5.0% of the billed amount shall apply.

Rate 102

Residential Service - Common Use Areas of strata corporations and owner occupied multiple residential premises for a period of two months:

Basic Charge per period	\$12.34
All kW.h per period	.1028 per kW.h
Minimum Charge	Basic Charge per period

A rate rider equal to 5.0% of the billed amount shall apply.

Rate 103

Residential Service, Multiple Occupancy in Single Family Dwelling for a period of two months:

Basic Charge per single family dwelling unit per period	\$12.34
All kW.h per single family dwelling unit per period	.1028 per kW.h
Minimum charge per single family dwelling unit	Basic Charge per period

A rate rider equal to 5.0% of the billed amount shall apply.

Special Condition:

The maximum capacity of all heating elements energized at any one time in any water heater served under these rates shall not exceed 45 watts per liter (200 watts per imperial gallon) of tank capacity, except with the prior written permission of the City.

RATES 131 and 133

ALL PURPOSE MULTI-RESIDENTIAL SERVICE

Availability:

For residential use on a single parcel of land, or in a building or buildings thereon, containing more than two single family dwellings, and for ancillary uses, if all electricity for the aforesaid residential and ancillary uses is purchased through one meter. This rate is not available for service to non-residential occupants (e.g. stores, offices, restaurants) nor for service to space or equipment used in common by such non-residential occupants, whether or not such space or equipment is also used by residential occupants. Supply is 60 hertz single or three phase at the potential available.

Rate 131

For a period of two months:

Basic Charge per single family dwelling per period	\$12.34
First 400 kW.h per single family dwelling per period	.1028 per kW.h
Next 200 kW.h per single family dwelling per period	.1155 per kW.h
All additional kW.h per period	.1028 per kW.h
Minimum charge - The basic charge per single family dwelling per period	

Note: The number of single family dwellings shall not be reduced because of vacancies.

A rate rider equal to 5.0% of the billed amount shall apply.

Rate 133 - Discount for Ownership of Transformers:

A customer may elect to supply the transformation from the primary potential to his utilization potential. If so he will be billed on the rate set out above subject to a discount of \$.50 per kW of maximum demand. The minimum charge set out above will apply. The City will install a demand meter in addition to a kW.h meter. The City will install its meters at the secondary potential unless the customer owns more than one transformer bank.

RATE 134 (Pilot Program)

**ALL PURPOSE MULTI-RESIDENTIAL SERVICE THERMAL HEATING PILOT Program
(Rental Buildings only)**

Availability:

For residential use on a single parcel of land, or in a building or buildings thereon, containing more than two single family dwellings, and for ancillary uses, if all electricity for the aforesaid residential and ancillary uses is purchased through one meter. The owner of the building must provide sub-metering to each individual unit so the customer can still manage their energy efficiencies through their own individual meter . . Supply is 60 hertz single or three phase at the potential available.

Rate 134

For a period of two months:

Basic Charge per period	\$12.34
All kWh per period	.1028 per kW.h
Minimum charge - The basic charge per period	

A rate rider equal to 5.0% of the billed amount shall apply.

RATES 201, 202, and 203

GENERAL SERVICE (Under 35 kW)

Availability:

For all purposes where a demand meter is not installed because the customer's demand as estimated by the City is less than 35 kW. Supply is 60 hertz single or three phase at a secondary potential.

Rate 201 - Applies to general commercial service.

Rate 202 - Applies to service to common use areas of rental apartment buildings and mixed use buildings owned by strata corporations.

Rate 203 - Applies to temporary service.

Rate:

For a period of two months:

Basic Charge per period	\$14.76
All kW.h per period	.1155 per kW.h
Minimum charge for a period of two months	Basic Charge per period

A rate rider equal to 5.0% of the billed amount shall apply.

Special Conditions for unmetered service:

1. The City may permit unmetered service under these Rates if it can estimate to its satisfaction the energy used in kilowatt-hours over a period of two months based on the connected load and the hours of use.
2. The customer if required by the City shall provide and maintain such controls, including timing devices, as the City considers may be necessary, and facilities satisfactory to the City for the maintenance of the aforesaid controls.
3. The hours of use per period shall be either:
 - (a) those specified by the customer, or
 - (b) those estimated by the City.
 whichever is the greater.
4. The customer shall supply, install and maintain all wiring, fixtures, control devices and equipment including the controls and devices described in Condition 2 at the expense of the customer.

GENERAL SERVICE (Under 35 kW) (Cont'd)

5. All wiring, fixtures, control devices and equipment and the method of installing, operating and maintaining the same are subject to the approval of the City which approval may be withdrawn by the City, at any time, at the City's sole discretion.
6. The customer shall notify the City immediately of any proposed or actual change in load, or load characteristics, or hours of use.
7. The City may at any time in its sole discretion install a meter or meters, and thereafter bill the customer at the appropriate Rate as a metered account.
8. For display signs and signboard lighting, where hours of use are controlled by timing devices, the following turn-on times shall apply, unless the City shall otherwise agree in writing:

<u>Period</u>		<u>Turn on Time</u>
1	January - 15 January	4:00 p.m.
16	January - 28 February	4:30 p.m.
1	March - 30 April	6:30 p.m.
1	May - 15 August	8:30 p.m.
16	August - 10 September	6:30 p.m.
1	October - 15 November	4:30 p.m.
16	November - 31 December	4:00 p.m.

9. In all cases, where hours of use of display signs or signboard lighting commence at dusk and are controlled either by timing devices or by photo-electric cells, the following hours of use for a period of two months shall be deemed for billing purposes.

Dusk to 10:00 p.m.	-	216 hours
Dusk to 11:00 p.m.	-	270 hours
Dusk to 12:00 p.m.	-	330 hours
Dusk to 1:00 a.m.	-	380 hours
Dusk to Dawn	-	666 hours

(All times are Pacific Standard Time)

10. Cable television amplifier equipment units, bus shelters and phone booths which are individually energized from and at the City's secondary potential shall be assessed from the date on the nameplate rating. The assessed kW demand of each individual piece of equipment shall be deemed to be the greater of either:

- (1) 100% of the kW nameplate rating, or
- (2) 80% of the kV.A nameplate rating.

Hours of use for a period of two months shall be deemed to be 1460 and power factor surcharge shall not be applied.

RATES 210, 211, 212, 213, 220, 230 and 240

GENERAL SERVICE (35 kW and over)

Availability

For all purposes. Supply is 60 hertz single or three phase at secondary or primary potential. The City reserves the right to determine the potential of the service connection.

- Rate 210** - applies to general commercial service if a customer's supply of electricity is metered at a secondary potential and the City supplies transformation from a primary potential to a secondary potential (No discount).
- Rate 211** - applies to service to common use areas of rental apartment buildings if a customer's supply of electricity is metered at a secondary potential and the City supplies transformation from a primary potential to a secondary potential (No discount).
- Rate 212** - applies to service to common use areas of mixed use buildings owned by strata corporations if a customer's supply of electricity is metered at a secondary potential and the City supplies transformation from a primary potential to a secondary potential (No discount).
- Rate 213** - applies to a temporary service if a customer's supply of electricity is metered at a secondary potential and the City supplies transformation from a primary potential to a secondary potential (No discount).
- Rate 220** - applies if a customer's supply of electricity is metered at a primary potential and the City supplies transformation from a primary potential to a secondary potential (Discount 1½%).
- Rate 230** - applies if a customer's supply of electricity is metered at a secondary potential and the customer supplies transformation from a primary potential to a secondary potential (Discount \$.25 per kW of billing demand).
- Rate 240** - applies if a customer's supply of electricity is metered at a primary potential and the customer supplies transformation from a primary potential to a secondary potential (Discount 1½% of total bill and then discount \$.25 per kW of billing demand).

GENERAL SERVICE (35 kW and over) (Cont'd)

Rate:

Basic Charge \$7.39per month

Demand Charge

First 35 kW of billing demand per month NIL
Next 115 kW of billing demand per month \$5.92 per kW
All additional kW of billing demand per month \$11.35 per kW

Plus

Energy Charge

First 14,800 kW.h per month \$.1155 per kW.h
All additional kW.h per month .0556 per kW.h

Discounts

1. A discount of 1½% shall be applied to the above Rates if a customer's supply of electricity is metered at a primary potential.
2. A discount of \$.25 per kW of billing demand shall be applied to the above Rate if a customer supplies transformation from a primary potential to a secondary potential.
3. If a customer is entitled to both of the above discounts the discount for metering at a primary potential shall be applied first.

Monthly Minimum Charge:

The greater of:

1. Basic Charge per period; or
2. 50% of the highest maximum demand charge billed in any month wholly within an on-peak period during the immediately preceding eleven months. For the purpose of this provision an on-peak period commences on 1 November in any year and terminates on 31 March of the following year.

A rate rider equal to 5.0% of the billed amount shall apply.

Special Conditions:

A demand meter will normally be installed; prior to the installation of such a meter, or if such a meter is not installed the demand for billing purposes shall be the demand estimated by the City.

GENERAL SERVICE (35 kW and over) (Cont'd)

Special Condition (Closed)

Where electricity is supplied, under Rate 402 for air conditioning of, or as a principal space heating fuel for the premises being supplied;

AND, IN ADDITION -

1. all metering is at the secondary potential on the load side of the customer's transformers, and
2. the customer provides the necessary transformers and all associated equipment other than meters, and
3. electricity supplied for purposes within Rate 402 is metered through a separate single meter, and separately billed at that Rate,

then all other electricity supplied at the same premises shall be metered through a separate single meter, and separately billed at Rate 240.

This condition is available only to a customer in those premises with respect to which the City, prior to 1 April, 1969 agreed that service would be provided under this condition, and only with respect to the load which the City, prior to 1 April, 1969 agreed to provide with service.

RATE 241 (Pilot Program)

GENERAL SERVICE (35 kW and over) MULTI-UNIT RESIDENTIAL BUILDING THERMAL HEATED (RENTAL BUILDINGS ONLY)

Availability

For all purposes. Supply is 60 hertz single or three phase at secondary or primary potential. The City reserves the right to determine the potential of the service connection.

- Rate 241** - applies to a Multi-Unit Residential Building (MURB) Thermally Heated (Rental Building only)
- applies if a customer's supply of electricity is metered at a primary potential and the customer supplies transformation from a primary potential to a secondary potential (Discount 1½% of total bill and then discount \$.25 per kW of billing demand).

Rate:
Basic Charge \$8.02per month

Demand Charge

All kW of billing demand per month 5.09 per KW

Plus

Energy Charge

All kW.h per month \$.0914 per kW.h

Discounts

1. A discount of 1½% shall be applied to the above Rates if a customer's supply of electricity is metered at a primary potential.
2. A discount of \$.25 per kW of billing demand shall be applied to the above Rate if a customer supplies transformation from a primary potential to a secondary potential.
3. If a customer is entitled to both of the above discounts the discount for metering at a primary potential shall be applied first.

Monthly Minimum Charge:

The greater of:

1. Basic Charge per period; or
2. 50% of the highest maximum demand charge billed in any month wholly within an on-peak period during the immediately preceding eleven months. For the purpose of this provision an on-peak period commences on 1 November in any year and terminates on 31 March of the following year.

A rate rider equal to 5.0% of the billed amount shall apply.

Special Conditions:

A demand meter will normally be installed; prior to the installation of such a meter, or if such a meter is not installed the demand for billing purposes shall be the demand estimated by the City.

RATE 302

STREET LIGHTING - CUSTOMER OWNED

Availability:

For lighting of public highways, streets and lanes in those cases where the customer owns, installs and maintains the standards, fixtures, conductors and controls.

Rate:

For each fixture: \$.0342 per watt per month

The number of watts per fixture includes the wattage of the lamp and where applicable, the ballast.

A rate rider equal to 5.0% of the billed amount shall apply.

Special Terms and Conditions:

1. Service Connections:

Where necessary the City will provide at the expense of the customer a drop, dip or underground service for a maximum distance of 45 metres. No service connection shall be made to add any ornamental street lighting system which does not provide for 8 or more street lighting fixtures except that, if the potential is 120/240 volts then, at the City's discretion, a service connection may be made for a system of less than 8.

2. Extension Policy:

The customer shall contribute to the cost of any extension required by paying to the City at the time when the application for the extension or extensions is made an amount equal to the estimated cost thereof (including cost of removing overhead fixtures and the original value, less depreciation, of the fixtures removed) less the anticipated revenue for the first four years from the lamps, including ballasts, in the system at the time when the service connection is made. A customer which is a municipality may for the purposes of calculating the cost payable by it add together the estimated costs of all extensions ordered by it for installation at the same time and deduct from the total sum so determined, the anticipated revenue calculated as aforesaid from the lamps including ballasts in all the said extensions.

3. Power Factor

All installations of mercury vapour, sodium vapour or fluorescent lamps shall be equipped with the necessary auxiliaries to assure that a power factor of not less than 90% lagging, shall be maintained.

4. Contract Period

The term of the initial contract shall be not more than five years; renewal periods shall be for five years.

RATE 303

STREET LIGHTING SERVICE

Availability:

For lighting of public highways, street and lanes in those cases where the customer owns, installs and maintains the fixtures, conductors and controls on City poles.

Rate:

The rate shall consist of two components:

(a) an energy charge of \$.0343 per watt per month

PLUS

(b) a contact charge of \$1.0334 per contact per month

With respect to the Energy Charge - the number of watts per fixture includes the wattage of the lamp and where applicable the ballast.

With respect to the Contact Charge - this is a charge per fixture for the use of pole space.

A rate rider equal to 5.0% of the billed amount shall apply.

Special Terms and Conditions:

1. Extension Policy:

No extensions will be made to serve street lighting under this Rate.

2. Power Factor:

All installations of mercury or fluorescent lamps shall be equipped with the necessary auxiliaries to assure that a power factor of not less than 90% lagging shall be maintained.

3. Contract Period:

The term of the initial contract shall be not more than five years; renewal periods shall be five years.

RATE 304

TRAFFIC SIGNALS, TRAFFIC SIGNS and TRAFFIC WARNING DEVICES

Availability:

For traffic signals, traffic signs and traffic warning devices on public highways where the customer installs, owns and maintains the standards, fixtures, wiring controls and associated equipment.

Rate:

\$.1028 per kW.h

1. Service Connections:

Where necessary the City will provide, at the expense of the customer, a drop, dip or underground service connection for a maximum distance of 45 metres.

2. Unmetered Service:

(a) The City may permit unmetered service under this Rate if it can estimate to its satisfaction the energy used in kilowatt hours over a period of one month based on the connected load and hours of use. Hours of use shall be deemed to be continuous.

(b) The customer shall notify the City immediately of any proposed or actual change in load, or load characteristics or hours of use.

(c) The City, in its discretion, may at any time install a meter or meters and thereafter bill the customer on the consumption registered.

3. Contract Period:

The term of the initial contract shall be not more than five years, renewal periods shall be for five years.

A rate rider equal to 5.0% of the billed amount shall apply.

NEW RATE 500 - NET METERING SERVICE

DEFINITION:

Customer-Generator – An electric Service Customer of the New Westminster Electric Utility that also utilizes the output of a Net Metered System.

Multi-Unit Residential Building - is a classification of [housing](#) where multiple separate housing units for residential inhabitants are contained within one building or several buildings within one complex. A common form is an [apartment building](#).

Net Consumption – Occurs at any point in time where the electricity required to serve the Customer-Generator’s load exceeds that being generated by the Customer-Generator’s Net Metered System.

Net Generation – Occurs at any point in time where electricity supplied by New Westminister Electric Utility to the Customer-Generator is less than that being generated by the Customer-Generator’s Net Metering System.

Net Excess Generation – Results when over a billing period, Net Generation exceeds Net Consumption.

Net Metering – A metering and billing practice that allows for the flow of electricity both to and from the customer through a single, bi-directional meter. With Net Metering, consumers with small, privately-owned generators can efficiently offset part or all of their own electrical requirements by utilizing their own generation.

Net Metered System – A facility for the production of electric energy that:

- (a) uses as its fuel, a source defined as a clean and renewable resource in the BC Energy Plan;
- (b) has a design capacity of not more than 50 kW;
- (c) is located on the Customer-Generator’s Premises;
- (d) operates in parallel with the New Westminister Electric Utility’s transmission or distribution facilities; and
- (e) is intended to offset part or all of the Customer-Generator’s requirements for electricity.

APPLICABLE: To New Westminister Electric Utility Customers receiving service under Rate 101,102,103, 131, 133, 201,202,203, 210, 211,212,213,220,230 and 240 of the Schedule of Rates attached to the Electric Utility Bylaw No.6502, 1998 as Schedule “A” as amended from time to time.

ELEGIBILITY: To be eligible to participate in the Net Metering Program, customers must generate a portion or all of their own retail electricity requirements using a renewable energy source. The generation equipment must be located on the customer’s premises, service only the customer’s premises and must be intended to offset a portion or all of the customer’s requirements for electricity.

Clean or renewable resources include sources of energy that are constantly renewed by natural processes, such as water power, solar energy, wind energy, geothermal energy, wood residue energy, and energy from organic municipal waste, and shall have a maximum installed generating capacity of no greater than 50 kW.

RATE: A customer enrolled in the Net Metering Program will be billed as set forth in the rate schedule under which the customer receives electric service from the New Westminister Electric Utility and as specified in the New Metering Billing Calculation section in this schedule.

BILLING CALCULATION:

1. Net metering shall be, for billing purposes, the net consumption at New Westminster Electric Utility's service meter(s).
2. If the eligible Customer-Generator is a net consumer of energy in any billing period, the eligible Customer-Generator will be billed in accordance with the Customer-Generator's applicable rate schedule.
3. If in any billing period, the eligible Customer-Generator is a net generator of energy, the Net Excess Generation shall be valued at the rates specified in the applicable Rate Schedule and credited to the customer's account.
4. In the event that the operation of a renewable energy generating system results in a credit balance on the Customer-Generator's account at the end of a calendar year, the credit will be purchased by the New Westminster Electric Utility. If such amounts are not large, they will be carried forward and included in the billing calculation for the next period at the discretion of the utility.

SPECIAL CONDITIONS:

1. Prior to the interconnection of a Net Metering System, the Customer-Generator must submit a Net Metering Application for review and execute a written Net Metering Interconnection Agreement with the New Westminster Electric Utility.
2. The Net Metered System and all wiring, equipment and devices forming part of it, shall conform to New Westminster Electric Utility's "GUIDELINES FOR OPERATING, METERING AND PROTECTIVE RELAYING FOR NEW METERING SYSTEMS UP TO 50 kW AND VOLTAGE BELOW 750 VOLTS" and shall be installed, maintained and operated in accordance with those requirements.
3. Unless otherwise approved by the New Westminster Electric Utility, the Customer-Generator's service shall be metered with a single, bi-directional meter.
4. The contract period for service under this schedule shall be one (1) year and thereafter shall be renewed for successive one-year periods. After the initial period, the customer may terminate service under this Rate by giving at least sixty (60) days previous notice of such termination in writing to New Westminster Electric Utility.
5. If the Customer-Generator voluntarily terminates the net-metering service, the service may not be renewed for a period of twelve (12) months from the date of termination.
6. The utility maintains the right to inspect the facilities with reasonable prior notice and at a reasonable time of day.

7. The utility maintains the right to disconnect, without liability, the Customer-Generator for issues relating to safety and reliability.
8. Inflow of electricity from the New Westminster Electric Utility system to the Customer-Generator, and outflows of electricity from the Customer-Generators Net Metering system to the New Westminster Electric Utility system, will normally be determined by means of a single meter capable of measuring flows of electricity in both directions.
9. Alternatively, if New Westminster Electric Utility determines that flows of electricity in both directions cannot be reliably determined by a single meter, or that dual metering will be more cost-effective, New Westminster Electric Utility may require that, at the customers cost, separate meter bases be installed to measure inflows and outflows of electricity.
10. Except as specifically set forth herein, service supplied under this Rate is subject to the terms and conditions set forth in the New Westminster Electric Utility's Electric By-Law 6502, 1998
11. A Net Metered System used by a Customer-Generator shall meet all application safety and performance standards established as set forth in the New Westminster Electric Utility's Rules and Regulations.
12. A Customer-Generator shall, at its expense, provide lockable switching equipment capable of isolating the Net Metered System from the New Westminster Electric Utility system. Such equipment shall be approved by the utility and shall be accessible to the utility at all times.
13. The Customer-Generator is responsible for all costs associated with the Net Metered System and is also responsible for all costs related to any modifications to the Net Metered System that may be required by the utility including but not limited to safety and reliability.
14. The customer shall indemnify and hold New Westminster Electric Utility or its agents harmless for any damages resulting to New Westminster Electric Utility or its agents as a result of the customer's use, ownership, or operation of the customer's facilities other than damage resulting to the utility or its agents directly as a result of New Westminster Electric Utility or its agents own negligence or willful misconduct, including, but not limited to, any consequential damages suffered by the utility or its agents. The customer is solely responsible for ensuring that the customer's facilities operate and function properly in parallel with New Westminster Electric Utility's system and shall release New Westminster Electric Utility's or its agents from any liability resulting to the customer from the parallel operation of the customer's facilities with New Westminster Electric Utility's system other than damages resulting to the customer from the parallel operation of the customer's facilities with New Westminster Electric Utility's system directly as a result of New Westminster Electric Utility or its agents own negligence or willful misconduct.

Bylaw No. 7963, 2017

SCHEDULE "B"

STANDARD CHARGES

1. Account Charge \$20

2. Underground Service Extensions

New Underground Service for Single Family and Duplex Buildings,
(extension cost only)

- Effective January 1, 2018 \$4,400
- Effective January 1, 2019 \$4,900
- Effective January 1, 2020 \$5,400
- Effective January 1, 2021 \$5,900
- Effective January 1, 2022 \$6,400

3. New Service Connections

New overhead service connection, including one meter:

- 100Amp \$860
- 200Amp \$860

New underground service connection, including one meter:

- 100Amp \$957
- 200Amp \$1,270

Additional charge per meter if more than one meter installed
at the time of new service connection. \$46

Additional meters subsequent to service connection installation:

- first meter \$181
- each additional meter \$46

4. Overhead Services Work at Customer's Request

(1) Alterations and Relocations – work involving increasing conductor capacity, moving conductor, changing the length of the conductor and/or changing the location of an existing service conductor, or disconnection/reconnection of the service at the weather head and any associated meter work.

Main switch size – 100 Amps or less \$860
200 Amps \$860

(2) Where a service is de-energized for internal wiring changes or maintenance the standard charges, for reconnection only, are as follows:

- Between 0800 & 1600 hours on regular working days \$280
- Between 1600 & 2400 hours on regular working days \$400
- Any other time At Cost

5. Underground Service Reconnections

Where a service is de-energized for wiring changes or maintenance, the standard charges for reconnection only, are as follows:

- Between 0800 & 1600 hours on regular working days \$280
- Between 1600 & 2400 hours on regular working days \$400
- Any other time At Cost

6. Temporary Service Connections

(1) When the temporary service can be connected to an existing distribution system the standard charges are:

- Overhead \$600
- Underground \$800

(2) Where the City's distribution system must be altered to provide a temporary service, the City's total costs of the alteration and its total costs to return the system to its original state after the removal of the temporary service will be borne by the customer. A deposit to cover the total estimated costs for the alterations and restoration work will be required before any work is commenced.

The above charges include the meter charge.

7. Miscellaneous Service Connections

The Standard charge for each service connection such as cable amplifiers, bus shelters, phone booths, etc., is: \$860

8. Reconnection of Service After Breach of Agreement

Where the service has been discontinued by the City for any breach of the terms and conditions upon which the service was provided the reconnection charges are:

- Between 0800 & 1600 hours on regular working days \$280
- Between 1600 & 2400 hours on regular working days \$400
- Any other time At Cost

Note: When more than one meter per service is reconnected at the same time for each additional meter add \$46

9. Trouble Call

Trouble Call-Out applies to situations where the City responds to a “trouble call” which was initiated because of problems in the customer’s equipment and the customer was advised of the City’s billing practices prior to the crew being dispatched.

- Between 0800 & 1600 hours on regular working days \$280
- Between 1600 & 2400 hours on regular working days \$400
- Any other time At Cost

10. Meter Test

Where a meter is to be tested pursuant to the Electrical Act (Canada) at the request of the customer, if the meter is proved accurate within the allowable limits permitted by the Statute, the customer shall be charged the standard charge for exchanging the disputed meter in addition to the amount that may be charged to the City by Consumer and Corporate Affairs Canada for conducting the test. If such meter is found to not be accurate within the limits permitted by the Statute, the customer will not be charged the standard charge for exchanging the disputed meter.

-Exchange of disputed meter \$181

11. Damage Meters

All meters and associated metering transformers are at cost plus overhead charges.