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February 21, 2019

Mr. Patrick Wruck
Commission Secretary and Manager
Regulatory Support
British Columbia Utilities Commission
Suite 410, 900 Howe Street
Vancouver, BC V6Z 2N3

Dear Mr. Wruck:

**RE: British Columbia Utilities Commission (BCUC or Commission)
British Columbia Hydro and Power Authority (BC Hydro)
Electric Tariff Terms and Conditions Amendments Application
(the Application)
Responses to BCUC Staff Information Request (IR) No. 1**

BC Hydro writes to provide its responses to BCUC Staff Information Request No. 1 issued on February 14, 2019. We are also submitting revised black-line and clean versions of section 4.2 (Meter Equipment and Location) of the Electric Tariff (provided as **Attachment 2**) along with a revised Draft Order (provided as **Attachment 1**), to replace the versions submitted in the January 15, 2019 Application. For consistency with the proposed aggregated billing treatment for Rate Schedule (**RS**) 1101, this revision will allow for accounts on RS 1107 to also be billed in aggregate, where there is more than one meter installed at a Dwelling. Please refer to our response to Commission Staff IR 1.2 below.

**1.0 Reference: Application, p. 1
Approval sought**

On page 1, BC Hydro states that its Tariff amendments are intended to clarify:

- (1) a Dwelling may include spaces such as parking stalls, garages, storage facilities, or similar spaces dedicated to the use by a Customer and used in conjunction with living quarters of the Customer,
- (2) more than one meter may be installed at a Dwelling and
- (3) if Rate Schedule (RS) 1101 applies, then the Customer will be billed in aggregate as a single Residential Service account.

- 1.1. Please confirm, or otherwise explain, that the approvals sought only apply to RS 1101.

RESPONSE:

Not confirmed. Items 1 and 2 in the above reference apply to Residential Service and item 3 (aggregate billing) is only applicable to RS 1101.

The approvals sought are to expand the definition of a Dwelling to include areas and spaces, such as parking stalls or storage areas, that are used in conjunction with the living quarters of the (same) Customer and to allow those spaces/areas to be separately metered if required. The Dwelling definition change is applicable to all Residential Services.

BC Hydro also asked for aggregated billing where there is more than one meter installed at a Dwelling and where the Residential Service is provided for under RS 1101 for both meters. That is, the Customer will be billed as though they only had one meter, and the consumption from both meters will be added together before the rate under RS 1101 is applied. As stated in the Application, the aggregated billing would allow the Step 1 Energy Charge threshold of 675 kWh per month to be applied to all consumption in aggregate.

The implication of the aggregated billing on other Residential Service Rate Schedules, other than RS 1101, is provided for in the response to IR 1.2 below.

- 1.2. Residential service is also served under rate schedules 1121, 1105 (closed), 1107, 1127, 1148 (closed), 1151 and 1161. How are these rate schedules affected, if at all, by the proposed tariff amendments? Please explain why these rate schedules are not referenced in the Application.

RESPONSE:

The above noted Residential Service Rate Schedules are not discussed in the Application as there is no impact to the billing, except for RS 1107 as discussed below. Notwithstanding the provisions of section 6.1.3 (General Service Election - Residential Customers) of the Electric Tariff, BC Hydro offers the following explanation as to why the aggregated billing would not apply.

Multiple Residential Service RS 1121 (Rate Zone I), RS 1127 (Rate Zone II) and RS 1161 (Exempt Residential Service): These rate schedules are for Multiple Residential Service where a Premises has more than two Dwellings but is served by one meter. If a meter was to be added for a Dwelling, it would be served under RS 1101, RS 1107, or RS 1151 as applicable.

RS 1105 (Dual Fuel, Rate Zone I) and RS 1148 (Zone II): These rate schedules are closed and therefore no additional meters for Dwellings can be established for billing purposes under these rates. If a meter was to be added for a Dwelling, it would be served under RS 1101 or RS 1107 as applicable.

RS 1151 (Exempt Residential Service): If a meter was to be added for a Dwelling, it would be served and billed separately under RS 1151 as the rate under this rate schedule is not an inclining block (or stepped) rate.

RS 1107 (Zone II): RS 1107 is an inclining block rate (similar to RS 1101), however we don't expect Customer interest in additional Dwelling meters to be significant in Rate Zone II. BC Hydro is amenable to adding RS 1107 in the amendment to section 4.2 (Meter Equipment and Location) of the Electric Tariff. We are attaching a revised section 4.2 with this filing (Attachment 2).

2.0 Reference: Application, pp. 1-3
Considerations to amend rate schedules

On pages 1-3, BC Hydro states:

BC Hydro proposes these amendments in consideration that increasingly our Residential Service Customers reside in multi-unit residential buildings (MURB), more Electric or Zero Emission Vehicles (EV or ZEV) are being brought to the market, and the recent CleanBC plan calls for "exploring ways to help make sure that people in multi-unit housing can charge their cars at home".

Currently any electricity usage in the parking lot of a MURB is considered by BC Hydro to be part of the common areas account. Thus, unlike a Customer in a single-family home, a Customer living in a MURB does not currently have the option to pay metered services to BC Hydro directly for charging their ZEV. Rather, BC Hydro would bill the electricity usage for ZEV charging to the strata corporation or the MURB owner/operator who then must determine how to allocate and collect the electricity bill among unit owners or occupants. This may create a barrier to ZEV adoption.

... for Customers who have multiple metered Residential Service at a Dwelling (e.g., one for the parking space and one for the living quarters) under RS 1101, their energy consumption will be billed in aggregate. That is, the entire Dwelling will be considered one Residential Service RS 1101 account even though the Dwelling is receiving multiple metered Service. The addition of a second meter for a Dwelling taking Residential Service under RS 1101 will not result in an additional Basic Charge or change the amount of energy (675 kWh per month) that is billed at the Step 1 price under the current Residential RS 1101. This amendment affords fair and consistent billing treatment for all Residential Service Customers, either living in a single-family home or a MURB.

- 2.1. Has BC Hydro conducted any consultations with potentially affected customers and/or stakeholders (e.g. strata corporations) regarding the EV charging situation in MURBs? Please explain.

RESPONSE:

BC Hydro has worked with local governments on the challenges of EV charging in MURBs, including support in the development of bylaws and the research and development of EV charging guides. Additionally, BC Hydro has had discussions with an engineering consultant for new developments and certified EV charging station installers. Further, we have supported a Natural Resources Canada proposal that may result in an update to the BC Building Code requiring all parking stalls to have EV charging capability.

We have also received enquiries and had discussions regarding MURB EV charging from a multitude of stakeholders, including residents of MURBs, strata corporations, property management companies, developers, the Urban Development Institute and the Condominium Home Owners Association.

- 2.2. In BC Hydro's view, please explain whether the proposed amendments to the Electric Tariff Terms and Conditions will pose any impact on ratepayers (i.e. residential or non-residential). Why or why not?

RESPONSE:

The proposed amendments provide for similar treatment for Customers taking service under RS 1101 who reside in MURBs and those who reside in single-family homes.

BC Hydro does not believe that the proposed amendments will have any material impact to ratepayers. Allowing the additional meter's consumption to be aggregated for billing purposes ensures that Customers will have access to only one first step block of energy and the associated lower price, rather than having two separate accounts that would allow Customers to have two first step blocks of energy.

- 2.3. Please indicate the demand that BC Hydro is anticipating with the proposed amendments.

RESPONSE:

BC Hydro is unable to predict the level of demand from the proposed amendments. However, the growth of EV adoption and implementation of the new

building codes and/or bylaws will likely drive the need for individual and convenient access to EV charging.

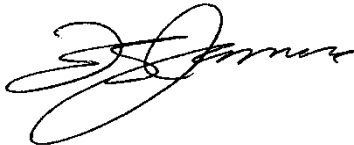
- 2.4. How will BC Hydro evaluate the experience resulting from the proposed amendments? For example, in order to make any appropriate tariff changes in the future, will BC Hydro track the number of new meters installed? The number and nature of queries or complaints received? Increase in the percentage of home EV charging in MURBs? Others?

RESPONSE:

BC Hydro will track the number of accounts that will have an additional meter installed. We will also monitor how the service is meeting the needs of our Customers. If appropriate, BC Hydro will bring forward additional revisions to the Electric Tariff to address any identified gaps.

For further information, please contact Anthea Jubb at 604-623-3545 or by email at bchydroregulatorygroup@bchydro.com.

Yours sincerely,



Fred James
Chief Regulatory Officer

bf/ma

Enclosures (2)

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ORDER NUMBER

G-xx-xx

IN THE MATTER OF

the *Utilities Commission Act*, RSBC 1996, Chapter 473

and

British Columbia Hydro and Power Authority (BC Hydro)
Electric Tariff Terms and Conditions Amendments

BEFORE:

Commissioner
Commissioner
Commissioner

on Date

ORDER

WHEREAS:

- A. On January 15, 2019, the British Columbia and Power Authority (BC Hydro) filed with the British Columbia Utilities Commission (Commission), pursuant to sections 58 to 61 of the *Utilities Commission Act* (UCA), an application for approval to amend its Electric Tariff Terms and Conditions to facilitate Residential Service Customers charging their Zero Emission Vehicles (ZEV) at their Dwelling (the Application);
- B. The proposed Electric Tariff Terms and Conditions amendments are limited and include changes to sections 1.2, 3.2, 3.3, 3.4, 4.2, 4.4.1 and 6.6.1 as described in the Application;
- C. The proposed amendments are intended to clarify (i) a Dwelling may include spaces such as parking stalls, storage areas, garage areas and similar areas or spaces that are used only for the benefit of a Customer, (ii) more than one meter may be installed at a Customer's Premises (including a Dwelling), and (iii) energy consumption for multiple Residential Service to different spaces within a Dwelling will be billed in aggregate, thereby treating the Customer as having one single Residential Service account (Rate Schedule 1101 or Rate Schedule 1107); and
- D. The Commission has reviewed the Application and believe that the proposed amendments are warranted.

.../2

NOW THEREFORE pursuant to sections 59 to 61 of the UCA, the Commission orders as follows:

1. The proposed amendments to sections 1.2, 3.2, 3.3, 3.4, 4.2, 4.4.1 and 6.6.1 of BC Hydro's Electric Tariff Terms and Conditions are approved, effective on the date of this Order.

DATED at the City of Vancouver, in the Province of British Columbia, this (XX) day of (Month Year).

BY ORDER

(X. X. last name)
Commissioner

Attachment Options

DRAFT

4. METERING

4.1 Meter Installation

The provision of Electricity by BC Hydro will be metered at Secondary Voltage except where BC Hydro otherwise determines. The installation cost of the first meter is included in the Service Connection charge. Any additional meters required will be installed for a standard charge in accordance with section 11.2 (Additional Meter Charges).

4.2 Meter Equipment and Location

To determine for billing purposes the quantity of Electricity used by the Customer at a Premises, BC Hydro will select and install Metering Equipment for the Premises at locations most convenient to BC Hydro. At the request of a Customer receiving multiple Residential or General Service at a Premises, BC Hydro may agree to install for billing purposes more than one meter for the Customer's Premises (including Demand measurement capability where required), subject to section 4.4 (Metering of Multiple Occupancy Buildings). The Customer receiving multiple General Service at a Premises will be billed separately for Electricity consumption and, where appropriate, associated Demand registered on each such meter for each separate Rate Schedule under which the Customer takes Service. The Customer receiving multiple Residential Service at a Dwelling under Rate Schedule 1101 or Rate Schedule 1107 will be billed in aggregate for Electricity consumption. The Customer will provide wiring, fittings, structures and poles satisfactory to BC Hydro and in accordance with any applicable electrical code, civic by-law or other law or regulation, for the installation of each meter. BC Hydro may install for the Customer's Premises any meter or apparatus that it may need for its use or convenience.

4.2.1 Meter Types

BC Hydro's standard meter for measuring Energy consumption and (if applicable) Demand at a Customer's Premises is the Smart Meter. Except as set out in section 4.2.2 (Conditions for Retention or Installation of Legacy Meters and Radio-off Meters), in all cases BC Hydro will install a Smart Meter at Customer Premises.

Notwithstanding the preceding paragraph, but subject to the conditions specified in section 4.2.2 being satisfied in each case, BC Hydro will permit to remain in operation, install, replace, maintain and service Legacy Meters and Radio-off Meters at a Residential Service

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Customer's Premises for the periods specified in sections 4.2.3 (Periods during which Legacy Meters May Remain in Place) and 4.2.4 (Periods during which Radio-off Meters May Remain in Place).

4.2.2 Conditions for Retention or Installation of Legacy Meters and Radio-off Meters

The conditions that must be satisfied for BC Hydro to permit to remain in operation, install, replace, maintain and service Legacy Meters or Radio-off Meters at a Residential Service Customer's Premises are:

1. The Customer is, as of the date of the Customer's election in accordance with paragraph 3 or deemed election in accordance with paragraph 4, taking Residential Service at the Customer's Premises; and
2. BC Hydro had not, before the date of the Customer's election in accordance with paragraph 3 or deemed election in accordance with paragraph 4, installed a Smart Meter at the Customer's Premises, but rather a Legacy Meter remained in place at those Premises as of the date of the Customer's election or deemed election; and
3. The Customer, during the period beginning September 1, 2013 and ending December 1, 2013, by notice to BC Hydro, elects to retain the Legacy Meter then in place at the Customer's Premises, or to have a Radio-off Meter installed in place of the Legacy Meter; or
4. The Customer, despite satisfaction of the conditions set out in paragraphs 1 and 2 has failed to provide notice of election to BC Hydro in accordance with paragraph 3, in which case the Customer will be deemed to have elected effective December 1, 2013 to retain the existing Legacy Meter at the Customer's Premises and the Customer will thereafter pay the charges for having a Legacy Meter installed at the Customer's Premises as set out in section 11.4 (Miscellaneous Standard Charges).

4.2.3 Periods during which Legacy Meters May Remain in Place

If the conditions set out in section 4.2.2 (Conditions for Retention or Installation of Legacy Meters and Radio-off Meters) have been satisfied, Residential Service Customers who have satisfied the conditions in section 4.2.2 and who have elected, or are deemed to have elected, to retain a Legacy Meter at the Customer's Premises may continue to have their Electricity

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consumption measured by the Legacy Meter for the periods, and subject to the conditions, specified below:

1. A Customer who has elected, or is deemed to have elected, to retain a Legacy Meter can continue to retain the Legacy Meter until the seal of the meter expires, or the meter ceases to function properly, whichever comes first.
2. If the seal of a Legacy Meter expires, or the meter ceases to function properly before the seal expiry date, BC Hydro will, so long as it has a suitable Legacy Meter in its meter inventory available for installation, install a replacement Legacy Meter at the Customer's Premises. A Customer for whom a replacement Legacy Meter has been installed in accordance with the preceding sentence can continue to retain the replacement Legacy Meter for the period specified in paragraph 1, and any replacement Legacy Meter so installed will be subject to replacement in accordance with this paragraph 2 as the occasion arises. For the purposes of this section, BC Hydro will only be deemed to have suitable replacement Legacy Meters in its meter inventory if it has existing verified and sealed Legacy Meters in its meter inventory as of the date that a Legacy Meter in place at a Customer's Premises requires replacement, and BC Hydro is under no obligation to repair, rebuild or modify, or re-verify and re-seal, any Legacy Meters that have been removed from service for any reason, nor to purchase or otherwise acquire from any source any Legacy Meters in replenishment of its Legacy Meter inventory.
3. In any case where the seal of a Legacy Meter expires, or the meter ceases to function properly, and BC Hydro does not have a suitable Legacy Meter in its meter inventory available for installation, BC Hydro will install either a Smart Meter or a Radio-off Meter at the Customer's Premises, at the Customer's election. A Customer with a Legacy Meter installed at the Customer's Premises can also elect to have a Smart Meter or a Radio-off Meter installed in place of the Legacy Meter at any time. A Customer who elects to have a Smart Meter or a Radio-off Meter installed at the Customer's Premises cannot later change back to a Legacy Meter at the applicable Premises.
4. A Customer with a Legacy Meter in place at the Customer's Premises who moves to another Premises for which the Customer is eligible to take Residential Service, can elect to have a Smart Meter or Radio-off Meter installed at the new Premises, but cannot retain or have installed a Legacy Meter at the new Premises. Except where a Customer who is eligible to elect to have either a Smart Meter or a Radio-off Meter installed in a new Premises moves into the vacated Premises and elects to have a

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Radio-off Meter installed, the vacated Premises will in all cases have a Smart Meter installed.

5. A Customer with a Legacy Meter in place whose Service is Terminated for any reason whatsoever ceases to be eligible to retain a Legacy Meter, and if that Customer again takes Residential Service at the same or another Premises the Customer can elect to have either a Smart Meter or a Radio-off Meter installed upon resumption of Service.
6. In any case where a Customer ceases to be eligible to have a Legacy Meter installed at the Customer's Premises, or BC Hydro no longer has suitable Legacy Meters available for installation at the Customer's Premises, and the Customer is required to elect to have either a Radio-off Meter or a Smart Meter installed instead, but the Customer refuses or fails to make an election within 10 days after BC Hydro has delivered written notice to the Customer's Premises notifying the Customer that he or she must elect either a Radio-off Meter or a Smart Meter, the Customer will be deemed to have elected to have a Radio-off Meter installed and the Customer will pay the charges for having a Radio-off Meter installed at the Customer's Premises as set out in section 11.4 (Miscellaneous Standard Charges) from the date of BC Hydro's installation of the replacement Radio-off Meter.

4.2.4 Periods during which Radio-off Meters May Remain in Place

If the conditions set out in section 4.2.2 (Conditions for Retention or Installation of Legacy Meters and Radio-off Meters) have been satisfied, Residential Service Customers who have satisfied the conditions in section 4.2.2 and who have elected, or are deemed to have elected, to have a Radio-off Meter installed may continue to have their Electricity consumption measured by the Radio-off Meter for the periods, and subject to the conditions, specified below.

1. A Customer who has elected, or is deemed to have elected, to have a Radio-off Meter installed can continue to retain the Radio-off Meter, and have a replacement Radio-off Meter installed from time to time as necessary, for so long as the Customer continues to take Residential Service at the Customer's Premises.
2. A Customer with a Radio-off Meter in place at the Customer's Premises who moves to another Premises for which the Customer is eligible to take Residential Service, may elect to have a Smart Meter or a Radio-off Meter installed at the new Premises. Except where a Customer who is eligible to have either a Smart Meter or a Radio-off Meter

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installed in a new Premises moves into the vacated Premises and elects to have a Radio-off Meter installed, the vacated Premises will in all cases have a Smart Meter installed.

3. A Customer with a Radio-off Meter in place whose Service is Terminated for any reason whatsoever, but who again takes Residential Service at the same or another Premises may elect to have either a Smart Meter or a Radio-off Meter installed upon resumption of Service.

4.2.5 Legacy Meter and Radio-off Meter Charges

A Customer whose Electricity consumption is metered by a Legacy Meter or a Radio-off Meter in accordance with this section 4, will pay the applicable meter charges set out in section 11.4 (Miscellaneous Standard Charges).

If a Customer whose Electricity consumption is metered by a Radio-off Meter moves to a different Premises or elects to have a Smart Meter installed in place of the Radio-off Meter, the Customer will pay the Radio-off Meter Removal Charge set out in section 11.4 (Miscellaneous Standard Charges).

4.3 Meter Testing

Any Customer who doubts the accuracy of the meter measuring Electricity used by the Customer may have the meter tested pursuant to the *Electricity and Gas Inspection Act (Canada)*. Applications for such tests should be made to the nearest Measurement Canada office.

When a meter is tested pursuant to this section and determined to be accurate within the limits prescribed by the *Electricity and Gas Inspection Act (Canada)*, the Customer will pay the Meter Test Charge as set out in section 11.4 (Miscellaneous Standard Charges). If the meter test discloses that the meter is registering with an error greater than that permitted under the *Electricity and Gas Inspection Act, (Canada)*, no Meter Test Charge will apply.

BC Hydro is not permitted to verify the accuracy of meters. BC Hydro may, however, conduct tests for its own information from time to time.

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4.4 Metering of Multiple Occupancy Buildings

4.4.1 Multiple Occupancy Buildings - Residential Units

If a building contains more than one unit, including one or more Dwelling, the Owner of the building may determine in respect of the unit(s) that are Dwellings that:

1. All Dwellings in the building will receive Service through a single meter; or
2. Each Dwelling will receive Service through separate metering.

4.4.2 Multiple Occupancy Buildings - Non-Residential Units

If a building contains more than one unit, including one or more commercial or common use unit, each commercial, common use or other unit in the building that is not a Dwelling will be metered separately, except:

1. To the extent that BC Hydro considers it impractical to do so; or
2. Where the Point of Delivery is at a Primary Voltage, and the Owner elects for the building to be served through one meter.

Examples of situations where BC Hydro considers separate metering of multiple occupancy building units that are not Dwellings to be impractical include:

1. Where building occupancy is transient in nature, and
2. Where the design of the building renders it impractical to meter Electricity use on a unit by unit basis, such as:
 - (a) An office building with shared common space;
 - (b) A hotel with one large load unit and several small load units; and
 - (c) A building that easily permits amalgamation and division of individual units, such as a shopping centre or warehouse.

In all cases where multiple occupancy buildings are served through a single meter, the Customer must comply with the provisions of section 9.1 (Resale of Electricity) and the *Utilities Commission Act* related to the resale of Electricity.

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4. METERING

4.1 Meter Installation

The provision of Electricity by BC Hydro will be metered at Secondary Voltage except where BC Hydro otherwise determines. The installation cost of the first meter is included in the Service Connection charge. Any additional meters required will be installed for a standard charge in accordance with section 11.2 (Additional Meter Charges).

4.2 Meter Equipment and Location

To determine for billing purposes the quantity of Electricity used by the Customer at a Premises, BC Hydro will select and install Metering Equipment for the Premises at a locations most convenient to BC Hydro ~~for each separate Rate Schedule under which the Customer takes Service.~~ At the request of a Customer receiving multiple Residential or General Service at a Premises, BC Hydro may agree to install for billing purposes more than one meter for the Customer's Premises (including Demand measurement capability where required), subject to section 4.4 (Metering of Multiple Occupancy Buildings). ~~for each separate Rate Schedule under which the Customer takes Service and in such cases~~ The Customer receiving multiple General Service at a Premises will be billed separately for Electricity consumption and, where appropriate, associated Demand registered on each such meter for each separate Rate Schedule under which the Customer takes Service. The Customer receiving multiple Residential Service at a Dwelling under Rate Schedule 1101 or Rate Schedule 1107 will be billed in aggregate for Electricity consumption. The Customer will provide wiring, fittings, structures and poles satisfactory to BC Hydro and in accordance with any applicable electrical code, civic by-law or other law or regulation, for the installation of each meter. BC Hydro may install for the Customer's Premises any meter or apparatus that it may need for its use or convenience.

4.2.1 Meter Types

BC Hydro's standard meter for measuring Energy consumption and (if applicable) Demand at a Customer's Premises is the Smart Meter. Except as set out in section 4.2.2 (Conditions for Retention or Installation of Legacy Meters and Radio-off Meters), in all cases BC Hydro will install a Smart Meter at Customer Premises.

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Notwithstanding the preceding paragraph, but subject to the conditions specified in section 4.2.2 being satisfied in each case, BC Hydro will permit to remain in operation, install, replace, maintain and service Legacy Meters and Radio-off Meters at a Residential Service Customer's Premises for the periods specified in sections 4.2.3 (Periods during which Legacy Meters May Remain in Place) and 4.2.4 (Periods during which Radio-off Meters May Remain in Place).

4.2.2 Conditions for Retention or Installation of Legacy Meters and Radio-off Meters

The conditions that must be satisfied for BC Hydro to permit to remain in operation, install, replace, maintain and service Legacy Meters or Radio-off Meters at a Residential Service Customer's Premises are:

1. The Customer is, as of the date of the Customer's election in accordance with paragraph 3 or deemed election in accordance with paragraph 4, taking Residential Service at the Customer's Premises; and
2. BC Hydro had not, before the date of the Customer's election in accordance with paragraph 3 or deemed election in accordance with paragraph 4, installed a Smart Meter at the Customer's Premises, but rather a Legacy Meter remained in place at those Premises as of the date of the Customer's election or deemed election; and
3. The Customer, during the period beginning September 1, 2013 and ending December 1, 2013, by notice to BC Hydro, elects to retain the Legacy Meter then in place at the Customer's Premises, or to have a Radio-off Meter installed in place of the Legacy Meter; or
4. The Customer, despite satisfaction of the conditions set out in paragraphs 1 and 2 has failed to provide notice of election to BC Hydro in accordance with paragraph 3, in which case the Customer will be deemed to have elected effective December 1, 2013 to retain the existing Legacy Meter at the Customer's Premises and the Customer will thereafter pay the charges for having a Legacy Meter installed at the Customer's Premises as set out in section 11.4 (Miscellaneous Standard Charges).

4.2.3 Periods during which Legacy Meters May Remain in Place

If the conditions set out in section 4.2.2 (Conditions for Retention or Installation of Legacy Meters and Radio-off Meters) have been satisfied, Residential Service Customers who have

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satisfied the conditions in section 4.2.2 and who have elected, or are deemed to have elected, to retain a Legacy Meter at the Customer's Premises may continue to have their Electricity consumption measured by the Legacy Meter for the periods, and subject to the conditions, specified below:

1. A Customer who has elected, or is deemed to have elected, to retain a Legacy Meter can continue to retain the Legacy Meter until the seal of the meter expires, or the meter ceases to function properly, whichever comes first.
2. If the seal of a Legacy Meter expires, or the meter ceases to function properly before the seal expiry date, BC Hydro will, so long as it has a suitable Legacy Meter in its meter inventory available for installation, install a replacement Legacy Meter at the Customer's Premises. A Customer for whom a replacement Legacy Meter has been installed in accordance with the preceding sentence can continue to retain the replacement Legacy Meter for the period specified in paragraph 1, and any replacement Legacy Meter so installed will be subject to replacement in accordance with this paragraph 2 as the occasion arises. For the purposes of this section, BC Hydro will only be deemed to have suitable replacement Legacy Meters in its meter inventory if it has existing verified and sealed Legacy Meters in its meter inventory as of the date that a Legacy Meter in place at a Customer's Premises requires replacement, and BC Hydro is under no obligation to repair, rebuild or modify, or re-verify and re-seal, any Legacy Meters that have been removed from service for any reason, nor to purchase or otherwise acquire from any source any Legacy Meters in replenishment of its Legacy Meter inventory.
3. In any case where the seal of a Legacy Meter expires, or the meter ceases to function properly, and BC Hydro does not have a suitable Legacy Meter in its meter inventory available for installation, BC Hydro will install either a Smart Meter or a Radio-off Meter at the Customer's Premises, at the Customer's election. A Customer with a Legacy Meter installed at the Customer's Premises can also elect to have a Smart Meter or a Radio-off Meter installed in place of the Legacy Meter at any time. A Customer who elects to have a Smart Meter or a Radio-off Meter installed at the Customer's Premises cannot later change back to a Legacy Meter at the applicable Premises.
4. A Customer with a Legacy Meter in place at the Customer's Premises who moves to another Premises for which the Customer is eligible to take Residential Service, can elect to have a Smart Meter or Radio-off Meter installed at the new Premises, but cannot retain or have installed a Legacy Meter at the new Premises. Except where a

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Customer who is eligible to elect to have either a Smart Meter or a Radio-off Meter installed in a new Premises moves into the vacated Premises and elects to have a Radio-off Meter installed, the vacated Premises will in all cases have a Smart Meter installed.

5. A Customer with a Legacy Meter in place whose Service is Terminated for any reason whatsoever ceases to be eligible to retain a Legacy Meter, and if that Customer again takes Residential Service at the same or another Premises the Customer can elect to have either a Smart Meter or a Radio-off Meter installed upon resumption of Service.
6. In any case where a Customer ceases to be eligible to have a Legacy Meter installed at the Customer's Premises, or BC Hydro no longer has suitable Legacy Meters available for installation at the Customer's Premises, and the Customer is required to elect to have either a Radio-off Meter or a Smart Meter installed instead, but the Customer refuses or fails to make an election within 10 days after BC Hydro has delivered written notice to the Customer's Premises notifying the Customer that he or she must elect either a Radio-off Meter or a Smart Meter, the Customer will be deemed to have elected to have a Radio-off Meter installed and the Customer will pay the charges for having a Radio-off Meter installed at the Customer's Premises as set out in section 11.4 (Miscellaneous Standard Charges) from the date of BC Hydro's installation of the replacement Radio-off Meter.

4.2.4 Periods during which Radio-off Meters May Remain in Place

If the conditions set out in section 4.2.2 (Conditions for Retention or Installation of Legacy Meters and Radio-off Meters) have been satisfied, Residential Service Customers who have satisfied the conditions in section 4.2.2 and who have elected, or are deemed to have elected, to have a Radio-off Meter installed may continue to have their Electricity consumption measured by the Radio-off Meter for the periods, and subject to the conditions, specified below.

1. A Customer who has elected, or is deemed to have elected, to have a Radio-off Meter installed can continue to retain the Radio-off Meter, and have a replacement Radio-off Meter installed from time to time as necessary, for so long as the Customer continues to take Residential Service at the Customer's Premises.
2. A Customer with a Radio-off Meter in place at the Customer's Premises who moves to another Premises for which the Customer is eligible to take Residential Service, may

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elect to have a Smart Meter or a Radio-off Meter installed at the new Premises. Except where a Customer who is eligible to have either a Smart Meter or a Radio-off Meter installed in a new Premises moves into the vacated Premises and elects to have a Radio-off Meter installed, the vacated Premises will in all cases have a Smart Meter installed.

3. A Customer with a Radio-off Meter in place whose Service is Terminated for any reason whatsoever, but who again takes Residential Service at the same or another Premises may elect to have either a Smart Meter or a Radio-off Meter installed upon resumption of Service.

4.2.5 Legacy Meter and Radio-off Meter Charges

A Customer whose Electricity consumption is metered by a Legacy Meter or a Radio-off Meter in accordance with this section 4, will pay the applicable meter charges set out in section 11.4 (Miscellaneous Standard Charges).

If a Customer whose Electricity consumption is metered by a Radio-off Meter moves to a different Premises or elects to have a Smart Meter installed in place of the Radio-off Meter, the Customer will pay the Radio-off Meter Removal Charge set out in section 11.4 (Miscellaneous Standard Charges).

4.3 Meter Testing

Any Customer who doubts the accuracy of the meter measuring Electricity used by the Customer may have the meter tested pursuant to the *Electricity and Gas Inspection Act (Canada)*. Applications for such tests should be made to the nearest Measurement Canada office.

When a meter is tested pursuant to this section and determined to be accurate within the limits prescribed by the *Electricity and Gas Inspection Act (Canada)*, the Customer will pay the Meter Test Charge as set out in section 11.4 (Miscellaneous Standard Charges). If the meter test discloses that the meter is registering with an error greater than that permitted under the *Electricity and Gas Inspection Act, (Canada)*, no Meter Test Charge will apply.

BC Hydro is not permitted to verify the accuracy of meters. BC Hydro may, however, conduct tests for its own information from time to time.

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4.4 Metering of Multiple Occupancy Buildings

4.4.1 Multiple Occupancy Buildings - Residential Units

If a building contains more than one unit, including one or more Dwelling, the Owner of the building may determine in respect of the unit(s) that are Dwellings that:

1. All Dwellings in the building will receive Service through a single meter; or
2. Each Dwelling will receive Service through a separate metering.

4.4.2 Multiple Occupancy Buildings - Non-Residential Units

If a building contains more than one unit, including one or more commercial or common use unit, each commercial, common use or other unit in the building that is not a Dwelling will be metered separately, except:

1. To the extent that BC Hydro considers it impractical to do so; or
2. Where the Point of Delivery is at a Primary Voltage, and the Owner elects for the building to be served through one meter.

Examples of situations where BC Hydro considers separate metering of multiple occupancy building units that are not Dwellings to be impractical include:

1. Where building occupancy is transient in nature, and
2. Where the design of the building renders it impractical to meter Electricity use on a unit by unit basis, such as:
 - (a) An office building with shared common space;
 - (b) A hotel with one large load unit and several small load units; and
 - (c) A building that easily permits amalgamation and division of individual units, such as a shopping centre or warehouse.

In all cases where multiple occupancy buildings are served through a single meter, the Customer must comply with the provisions of section 9.1 (Resale of Electricity) and the *Utilities Commission Act* related to the resale of Electricity.

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