

**Fred James**

Chief Regulatory Officer

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April 15, 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)  
Order of the Lieutenant Governor in Council No. 158 and the Direction to  
BCUC Respecting the Biomass Energy Program  
BC Hydro Application for Approval of Rate Schedule 1828 – Transmission  
Service - Biomass Energy Program**

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BC Hydro writes to apply for an Order approving Rate Schedule (**RS**) 1828 – Transmission Service – Biomass Energy Program pursuant to sections 58 to 61 of the *Utilities Commission Act (UCA)* and to the B.C. Government's Direction to the British Columbia Utilities Commission Respecting the Biomass Energy Program (Order in Council No. 158 issued April 1, 2019, BC Reg. 71/2019) (**Direction**).

The Application includes three attachments:

- Attachment A – Direction;
- Attachment B – RS 1828 – clean copy; and Electric Tariff Table of Contents, RS 1852, 1853, 1880, 1891, 1892, 3808, 3817 – black-lined and clean copies; and
- Attachment C – Draft Order.

Specifically, the Direction directs the Commission as follows:

## Tariff

- 5 (1) The commission must set as a rate the rate schedule that is attached to this direction as Appendix 1 within 10 days of receiving an application from the authority for the commission to do so.

The rate schedule provided in Appendix 1 to the Direction is in the same form as RS 1828 which is provided in Attachment B to this Application and which BC Hydro has

April 15, 2019  
Mr. Patrick Wruck  
Commission Secretary and Manager  
Regulatory Support  
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Order of the Lieutenant Governor in Council No. 158 and the Direction to BCUC  
Respecting the Biomass Energy Program  
BC Hydro Application for Approval of Rate Schedule 1828 – Transmission Service -  
Biomass Energy Program


named RS 1828 – Transmission Service – Biomass Energy Program. BC Hydro respectfully submits that a Commission Order approving RS 1828 will meet the requirement of section 5(1) of the Direction.

The addition of RS 1828 into BC Hydro's Electric Tariff results in administrative changes to the Table of Contents and to the pagination of the Transmission Service rate schedules that follow RS 1828. Accordingly RS 1852 (Modified Demand), RS 1853 (IPP Station Service), RS 1880 (Standby and Maintenance Supply), RS 1891 (Shore Power Service), RS 1892 (Freshet Energy), RS 3808 (FortisBC Inc.), and RS 3817 (FortisBC Inc.) are being updated and submitted for stamping. The black-lined and clean copies of these Electric Tariff pages are provided in Attachment B.

Accordingly, BC Hydro requests the Commission set the attached RS 1828 as a rate and approve the other Electric Tariff updates on or before April 25, 2019, being 10 days after the date of this application, with such amendments to be effective as of the date of the Commission Order. A draft copy of the Order is provided in Attachment C.

For further information, please contact Anthea Jubb at 604-623-3545 or by email at [bchydroregulatorygroup@bchydro.com](mailto:bchydroregulatorygroup@bchydro.com).

Yours sincerely,



(for) Fred James  
Chief Regulatory Officer

jc/rh

Enclosure

**BC Hydro**  
**Rate Schedule 1828 – Transmission Service –**  
**Biomass Energy Program**

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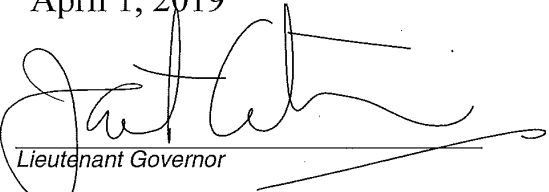
**Attachment A**  
**Order in Council No. 158**

**PROVINCE OF BRITISH COLUMBIA**  
**ORDER OF THE LIEUTENANT GOVERNOR IN COUNCIL**

Order in Council No. 158

, Approved and Ordered

April 1, 2019

  
Lieutenant Governor

**Executive Council Chambers, Victoria**

On the recommendation of the undersigned, the Lieutenant Governor, by and with the advice and consent of the Executive Council, orders that the attached Direction to the British Columbia Utilities Commission Respecting the Biomass Energy Program is made.

**DEPOSITED**

April 1, 2019

B.C. REG. 71/2019



Minister of Energy, Mines and Petroleum Resources



Presiding Member of the Executive Council

*(This part is for administrative purposes only and is not part of the Order.)*

**Authority under which Order is made:**

Act and section: *Utilities Commission Act, R.S.B.C. 1996, c. 473, s. 3*

Other:

R10302227

## **DIRECTION TO THE BRITISH COLUMBIA UTILITIES COMMISSION RESPECTING THE BIOMASS ENERGY PROGRAM**

### **Definitions**

**1** In this direction:

“**Act**” means the *Utilities Commission Act*;

“**biomass contract**” means

- (a) a contract in respect of a biomass facility that the authority enters into between April 1, 2019 and December 31, 2021, if the contract does one or both of the following:
  - (i) establishes the terms and conditions under which electricity generated at the biomass facility is sold to the authority;
  - (ii) establishes the terms and conditions under which electricity generated at the biomass facility is used to supply a portion of a customer’s load or to reduce a portion of a customer’s electricity purchases, and
- (b) an amendment to a contract referred to in paragraph (a).

“**biomass facility**” means the following facilities:

- (a) Armstrong Wood Waste Co-Generation;
- (b) NWE Williams Lake Wood Waste;
- (c) Skookumchuck Power;
- (d) PGP Bio Energy;
- (e) Celgar Green Energy;
- (f) Howe Sound Green Energy;
- (g) Powell River Generation;

### **Application**

**2** This direction is issued to the commission under section 3 of the Act.

### **Biomass contracts**

**3** The commission may not exercise its powers under section 71 (1) (b) or (3) of the Act respecting applicable biomass contracts.

### **Rates**

**4** In setting rates for the authority, the commission may not disallow for any reason the recovery in rates of the authority’s costs with respect to a biomass contract.

### **Tariff**

**5** (1) The commission must set as a rate the rate schedule that is attached to this direction as Appendix 1 within 10 days of receiving an application from the authority for the commission to do so.

- (2) The commission may not cancel, suspend or amend the rate set under subsection (1), except on application by the authority.

## Appendix 1

<b>Availability</b>	<p>For Customers supplied with Electricity at 60 kV or higher, and who have entered into a contract with BC Hydro under the Biomass Energy Program which is in force.</p> <p>Customers who have entered into a contract with BC Hydro under the Biomass Energy Program may not be provided with service under Rate Schedule 1823 (Stepped Rate), 1825 (TOU Rate), 1827 (Rate for Exempt Customers) or 1852 (Modified Demand) while the contract is in force.</p>
<b>Applicable in</b>	Rate Zone I excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.
<b>Rate</b>	<p><b>Demand Charge:</b> The charge per kVA of Billing Demand per Billing Period under this Rate Schedule 1828 is equal to the demand charge specified under Rate Schedule 1823 plus</p> <p><b>Energy Charge:</b> The charge applied to energy supplied under this Rate Schedule 1828 for all kWh in a Billing Period is equal to:</p> <ul style="list-style-type: none"> <li>(a) the RS 1823 Energy Charge B Tier 1 Rate multiplied by the Customer's Tier 1 Percentage, plus</li> <li>(b) the RS 1823 Energy Charge B Tier 2 Rate multiplied by the Customer's Tier 2 Percentage</li> </ul> <p><b>Monthly Minimum Charge</b> The demand charge specified under Rate Schedule 1823 per kVA of Billing Demand</p>
<b>Definitions</b>	<ol style="list-style-type: none"> <li>1. Billing Demand The Billing Demand will be: <ul style="list-style-type: none"> <li>(a) The highest kVA Demand during the High Load Hours (<b>HLH</b>) in the Billing Period; or</li> <li>(b) 75% of the highest Billing Demand for the Customer's Plant in the immediately preceding period of November to February, both months included,</li> </ul> <p>whichever is the highest value.</p> </li> </ol>
	<ol style="list-style-type: none"> <li>2. RS 1823 Energy Charge B Tier 1 Rate The RS 1823 Energy Charge B Tier 1 rate is the rate per kWh specified under Rate Schedule 1823 Energy Charge B to be applied to all kWh up to and including 90% of a Customer's CBL in each Billing Year.</li> <li>3. RS 1823 Energy Charge B Tier 2 Rate The RS 1823 Energy Charge B Tier 2 rate is the rate per kWh specified under Rate Schedule 1823 Energy Charge B to be applied to all kWh above 90% of a Customer's CBL in each Billing Year.</li> <li>4. Customer's Tier 1 Percentage</li> </ol>

	<p>The Customer's Tier 1 Percentage is the total energy supplied to the Customer charged at the RS 1823 Energy Charge B Tier 1 Rate during the five year period commencing April 1, 2013 divided by the total energy supplied to the Customer under Rate Schedule 1823 during that period, expressed as a percentage. If the Customer was supplied with energy charged at the Rate Schedule 1823 Energy Charge A at any time during such five year period, 90% of such energy will be added to the total energy supplied to the Customer charged at the RS 1823 Energy Charge B Tier 1 Rate for the purpose of calculating the Customer's Tier 1 Percentage.</p> <p>5. Customer's Tier 2 Percentage</p> <p>The Customer's Tier 2 Percentage is the total energy supplied to the Customer charged at the RS 1823 Energy Charge B Tier 2 Rate during the five year period commencing April 1, 2013 divided by the total energy supplied to the Customer under Rate Schedule 1823 during that period, expressed as a percentage. If the Customer was supplied with energy charged at the Rate Schedule 1823 Energy Charge A at any time during such five year period, 10% of such energy will be added to the total energy supplied to the Customer charged at the RS 1823 Energy Charge B Tier 2 Rate for the purpose of calculating the Customer's Tier 2 Percentage.</p> <p>6. High Load Hours (HLH)</p> <p>High Load Hours (HLH) is the period of hours from 06:00 to 22:00 Monday to Saturday, except for Statutory Holidays (New Year's Day, Family Day, Good Friday, Victoria Day, Canada Day, B.C. Day, Labour Day, Thanksgiving Day, Remembrance Day and Christmas Day).</p>
	<p>7. Low Load Hours (LLH)</p> <p>Low Load Hours (LLH) are all hours other than HLH.</p> <p>8. Biomass Energy Program</p> <p>The Biomass Energy Program is BC Hydro's program to enter into "biomass contracts" as defined in the Direction to the British Columbia Utilities Commission respecting the Biomass Energy Program.</p>
<b>Special Conditions</b>	<p>1. The Customer shall not sell, or otherwise dispose of for compensation, all or part of the Electricity supplied pursuant to this Rate Schedule.</p>
<b>Taxes</b>	<p>The rates set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.</p>
<b>Note</b>	<p>The terms and conditions under which Transmission Service is supplied are contained in Electric Tariff Supplement Nos. 5 and 6, or Electric Tariff Supplements Nos. 87 and 88, as applicable.</p>



<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
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**BC Hydro**  
**Rate Schedule 1828 – Transmission Service –**  
**Biomass Energy Program**

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**Attachment B**

**Tariff Sheets**

**BC Hydro**  
**Rate Schedule 1828 – Transmission Service –**  
**Biomass Energy Program**

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**Attachment B-1**

**Tariff Sheets**  
**Clean**

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**5. TRANSMISSION SERVICE****RATE SCHEDULE 1828 – TRANSMISSION SERVICE - BIOMASS ENERGY PROGRAM**

<b>Availability</b>	<p>For Customers supplied with Electricity at 60 kV or higher, and who have entered into a contract with BC Hydro under the Biomass Energy Program which is in force.</p> <p>Customers who have entered into a contract with BC Hydro under the Biomass Energy Program may not be provided with service under Rate Schedule 1823 (Stepped Rate), 1825 (TOU Rate), 1827 (Rate for Exempt Customers) or 1852 (Modified Demand) while the contract is in force.</p>
<b>Applicable in</b>	Rate Zone I excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.
<b>Rate</b>	<p><b>Demand Charge:</b> The charge per kVA of Billing Demand per Billing Period under this Rate Schedule 1828 is equal to the demand charge specified under Rate Schedule 1823</p> <p>plus</p> <p><b>Energy Charge:</b> The charge applied to energy supplied under this Rate Schedule 1828 for all kWh in a Billing Period is equal to:</p> <p>(a) The RS 1823 Energy Charge B Tier 1 Rate multiplied by the Customer's Tier 1 Percentage, plus</p> <p>(b) The RS 1823 Energy Charge B Tier 2 Rate multiplied by the Customer's Tier 2 Percentage</p> <p><b>Monthly Minimum Charge:</b> The demand charge specified under Rate Schedule 1823 per kVA of Billing Demand</p>

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**BC Hydro**

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<b>Definitions</b>	<ol style="list-style-type: none"> <li>1. <b>Billing Demand</b>  The Billing Demand will be:           <ol style="list-style-type: none"> <li>(a) The highest kVA Demand during the High Load Hours (<b>HLH</b>) in the Billing Period; or</li> <li>(b) 75% of the highest Billing Demand for the Customer's Plant in the immediately preceding period of November to February, both months included,</li> </ol>           whichever is the highest value.         </li> <li>2. <b>RS 1823 Energy Charge B Tier 1 Rate</b>  The RS 1823 Energy Charge B Tier 1 rate is the rate per kWh specified under Rate Schedule 1823 Energy Charge B to be applied to all kWh up to and including 90% of a Customer's CBL in each Billing Year.</li> <li>3. <b>RS 1823 Energy Charge B Tier 2 Rate</b>  The RS 1823 Energy Charge B Tier 2 rate is the rate per kWh specified under Rate Schedule 1823 Energy Charge B to be applied to all kWh above 90% of a Customer's CBL in each Billing Year.</li> <li>4. <b>Customer's Tier 1 Percentage</b>  The Customer's Tier 1 Percentage is the total energy supplied to the Customer charged at the RS 1823 Energy Charge B Tier 1 Rate during the five year period commencing April 1, 2013 divided by the total energy supplied to the Customer under Rate Schedule 1823 during that period, expressed as a percentage. If the Customer was supplied with energy charged at the Rate Schedule 1823 Energy Charge A at any time during such five year period, 90% of such energy will be added to the total energy supplied to the Customer charged at the RS 1823 Energy Charge B Tier 1 Rate for the purpose of calculating the Customer's Tier 1 Percentage.</li> </ol>
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	<p>5. Customer's Tier 2 Percentage</p> <p>The Customer's Tier 2 Percentage is the total energy supplied to the Customer charged at the RS 1823 Energy Charge B Tier 2 Rate during the five year period commencing April 1, 2013 divided by the total energy supplied to the Customer under Rate Schedule 1823 during that period, expressed as a percentage. If the Customer was supplied with energy charged at the Rate Schedule 1823 Energy Charge A at any time during such five year period, 10% of such energy will be added to the total energy supplied to the Customer charged at the RS 1823 Energy Charge B Tier 2 Rate for the purpose of calculating the Customer's Tier 2 Percentage.</p> <p>6. High Load Hours (<b>HLH</b>)</p> <p>High Load Hours (<b>HLH</b>) is the period of hours from 06:00 to 22:00 Monday to Saturday, except for Statutory Holidays (New Year's Day, Family Day, Good Friday, Victoria Day, Canada Day, B.C. Day, Labour Day, Thanksgiving Day, Remembrance Day and Christmas Day).</p> <p>7. Low Load Hours (<b>LLH</b>)</p> <p>Low Load Hours (<b>LLH</b>) are all hours other than HLH.</p> <p>8. Biomass Energy Program</p> <p>The Biomass Energy Program is BC Hydro's program to enter into "biomass contracts" as defined in the Direction to the British Columbia Utilities Commission respecting the Biomass Energy Program.</p>
<b>Special Conditions</b>	<p>1. The Customer shall not sell, or otherwise dispose of for compensation, all or part of the Electricity supplied pursuant to this Rate Schedule.</p>
<b>Taxes</b>	<p>The rates set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.</p>

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**BC Hydro**Rate Schedule 1828 – Original  
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<b>Note</b>	The terms and conditions under which Transmission Service is supplied are contained in Electric Tariff Supplement Nos. 5 and 6, or Electric Tariff Supplements Nos. 87 and 88, as applicable.
<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

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**5. TRANSMISSION SERVICE****RATE SCHEDULE 1852 – TRANSMISSION SERVICE – MODIFIED DEMAND**

<b>Availability</b>	To a Customer supplied with Electricity at 60 kV or higher who is taking Service under Rate Schedule 1823 (Stepped Rate) at the time of application, and is a party to a Modified Demand Agreement under Electric Tariff Supplement No. 54 which is in force, and which is in a location, as determined by BC Hydro, that will allow BC Hydro to curtail load to alleviate a potential local or regional transmission constraint, or take advantage of a market opportunity. The annual subscription period for new subscribers is from September 1 to October 31.
<b>Applicable in</b>	Rate Zone I excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.
<b>Rate</b>	<b>Excess Demand Charge:</b>  \$8.697 per kVA of metered kVA Demand in excess of the Maximum Demand Level during Low Load Hours
<b>Definitions</b>	<p>1. Billing Demand</p> <p>The Billing Demand will be:</p> <ul style="list-style-type: none"> <li>(a) The highest kVA Demand during the High Load Hours (<b>HLH</b>) in the Billing Period; or</li> <li>(b) 75% of the highest Billing Demand for the Customer's Plant in the immediately preceding period of November to February, both months included; or</li> <li>(c) 50% of the Contract Demand stated in the Electricity Supply Agreement for the Customer's Plant,</li> </ul> <p>whichever is the highest value.</p>

ACCEPTED: \_\_\_\_\_

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	<p>2. High Load Hours (<b>HLH</b>)</p> <p>High Load Hours (<b>HLH</b>) means the period(s) in a 24-hour day and during those days of a calendar week in which Electricity usage is typically highest in a particular region, as determined by BC Hydro in its discretion based on load characteristics and transmission constraints in that region from time to time, and designated in a Modified Demand Agreement.</p> <p>3. Low Load Hours (<b>LLH</b>)</p> <p>Low Load Hours (<b>LLH</b>) are all hours other than HLH.</p> <p>4. LLH CBL Energy</p> <p>LLH CBL Energy means the highest monthly energy consumption during the LLH over the last 12 Billing Periods, or an estimate of consumption if insufficient data is available.</p> <p>5. Maximum Demand Level</p> <p>Maximum Demand Level has the meaning set out in the Modified Demand Agreement. For a Customer with more than one designated period of High Load Hours, separate Maximum Demand Levels will be stated for each corresponding period of Low Load Hours. For a Customer with a single designated period of High Load Hours, a single Maximum Demand Level will be stated for all Low Load Hours.</p> <p>The highest Maximum Demand Level will not exceed 95% of Contract Demand stated in the Customer's Electricity Supply Agreement, and is subject to local transmission availability.</p>
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ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

COMMISSION SECRETARY



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<b>Special Conditions</b>	<ol style="list-style-type: none"> <li>1. The terms and conditions under which Transmission Service is supplied are contained in Electric Tariff Supplement Nos. 5 and 6. The provisions of Rate Schedule 1823 (Stepped Rate) and Electric Tariff Supplement Nos. 5 and 6 continue to apply to Customers receiving Service under this Rate Schedule. In the case of a conflict between this Rate Schedule or the Modified Demand Agreement and Rate Schedule 1823 or Electric Tariff Supplement Nos. 5 or 6, the provisions of this Rate Schedule and the Modified Demand Agreement will govern.</li> <li>2. If for any two Billing Periods the total energy consumed under Rate Schedule 1852, during the LLH, is greater than the LLH CBL Energy by 10% or more, the highest kVA Demand in each such Billing Period during the High Load Hours will be adjusted by the ratio of the average monthly LLH Energy during such two Billing Periods over the LLH CBL Energy. The adjusted highest kVA Demand will apply for a period of 12 months after the second Billing Period included in the adjustment calculation. The LLH CBL Energy will be recalculated using the consumption history of the most recent 12 Billing Periods.</li> <li>3. The Minimum Reduction under the Modified Demand Agreement will be the greater of 50% of the difference between the Maximum Demand Level and the LLH CBL Demand, and 10 MW.</li> <li>4. The Maximum Number of Demand Reduction Transactions under the Modified Demand Agreement will be the greater of Maximum Duration multiplied by the Maximum Number of Demand Reduction Transactions, and 48 hours.</li> </ol>
<b>Taxes</b>	The rates set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.
<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**Rate Schedule 1852 – Revision 4  
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<b>Rate Increase</b>	Effective April 1, 2019 the rate under this Rate Schedule includes an interim rate increase of 6.85% before rounding, approved by BCUC Order No. G-45-19.
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ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

**5. TRANSMISSION SERVICE****RATE SCHEDULE 1853 – TRANSMISSION SERVICE – IPP STATION SERVICE**

<b>Availability</b>	For Customers who are Independent Power Producers ( <b>IPPs</b> ) served at transmission voltage, on an interruptible basis.
<b>Applicable in</b>	Rate Zone I excluding Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.
<b>Rate</b>	<p><b>Energy Charge:</b></p> <p>The sum, over the Billing Period, of the hourly energy consumed multiplied by the entry in the Intercontinental Exchange (<b>ICE</b>) Mid-Columbia (Mid-C) Peak, and Mid-C Off-Peak weighted average index price as published by the ICE in the ICE Day Ahead Power Price Report that corresponds to the time when consumption occurred, during that hour</p>
<b>Monthly Minimum Charge</b>	\$49.01
<b>Special Conditions</b>	<ol style="list-style-type: none"> <li>1. BC Hydro agrees to provide Electricity under this Rate Schedule to the extent that it has energy and capacity to do so.</li> <li>2. BC Hydro may, without notice to the Customer, refuse to supply or terminate the supply of Electricity under this Rate Schedule if at any time BC Hydro does not have sufficient energy or capacity.</li> <li>3. Prior to taking Electricity under this Rate Schedule, the Customer may be required to obtain approval from BC Hydro. BC Hydro will advise the Customer of the need to obtain approval prior to the taking of Electricity under this Rate Schedule.</li> <li>4. Electricity taken under this Rate Schedule is to be used solely for maintenance and black-start requirements and will not displace electricity that would normally be generated by the Customer.</li> </ol>

ACCEPTED: \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**

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<b>Taxes</b>	The rates and Monthly Minimum Charge set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.
<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
<b>Rate Increase</b>	Effective April 1, 2019 the Monthly Minimum Charge under this Rate Schedule includes an interim rate increase of 6.85% before rounding, approved by BCUC Order No. G-45-19.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

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**5. TRANSMISSION SERVICE****RATE SCHEDULE 1880 – TRANSMISSION SERVICE – STANDBY AND  
MAINTENANCE SUPPLY**

<b>Availability</b>	For Customers supplied with Electricity under Rate Schedule 1823 (Stepped Rate), 1825 (TOU Rate), 1827 (Rate for Exempt Customers) or 1852 (Modified Demand), on an interruptible basis.
<b>Applicable in</b>	Rate Zone I excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.
<b>Rate</b>	<p><b>Administrative Charge:</b> \$150.00 per Period of Use</p> <p>plus</p> <p><b>Energy Charge:</b> During the Period of Use, 10.160 ¢ per kWh of metered Rate Schedule 1880 energy consumption, determined as set out below</p>
<b>Definitions</b>	<p>1. HLH Reference Demand</p> <p>HLH Reference Demand is the highest kVA Demand in the HLH for the current Billing Period prior to the Period of Use, but excluding any prior Period of Use. If the Period of Use extends over an entire Billing Period, the highest kVA Demand in the HLH from the prior Billing Period will be used in determining the HLH Reference Demand, excluding any Period of Use in the prior Billing Period.</p> <p>For the purpose of determining HLH Reference Demand, the HLH periods are as defined in Rate Schedule 1823, 1825, 1827 or 1852, whichever is applicable.</p> <p>2. Period of Use</p> <p>A period of consecutive hours during which Electricity is taken under this Rate Schedule. The Period of Use is as defined by the Customer when requesting Service from BC Hydro under this Rate Schedule 1880 and may extend into subsequent Billing Periods.</p>

ACCEPTED: \_\_\_\_\_

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<b>Rate Schedule 1880 Energy Determination</b>	<p>During HLH periods, the kWh consumption on an hourly basis which exceeds the HLH high kWh per hour within the Period of Use or portion thereof where HLH high kWh per hour is the product of HLH Reference Demand multiplied by the Power Factor for the half hour when the HLH Reference Demand occurred.</p> <p>For the purpose of the Rate Schedule 1880 Energy Determination, the HLH periods are as defined in Rate Schedule 1823, 1825, 1827 or 1852, whichever is applicable.</p>
<b>Special Conditions</b>	<ol style="list-style-type: none"> <li>1. BC Hydro agrees to provide Electricity under this Rate Schedule to the extent that it has energy and capacity to do so.</li> <li>2. BC Hydro may, without notice to the Customer, refuse to supply or terminate the supply of Electricity under this Rate Schedule if at any time during the Period of Use BC Hydro does not have sufficient energy or capacity.</li> </ol>

ACCEPTED: \_\_\_\_\_

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	<p>3. This Rate Schedule is only for the following purposes:</p> <p>To provide Electricity the Customer would otherwise generate during periods when all or part of the Customer's electrical generating plant is curtailed.</p> <p>Electricity used for this purpose may be taken on an instantaneous basis when the impact of the instantaneous pickup of loads normally provided by the Customer's electrical generation units does not occur after BC Hydro has advised the Customer that a period of system constraint or potential system constraint exists.</p> <p>During periods of potential system constraints, BC Hydro will require Customers to arm load shedding relays to ensure that the loss of electricity production from a Customer's electrical generation unit will not result in a demand greater than the Customer's Maximum kVA Demand on BC Hydro's system. BC Hydro may require the Customer to provide it with control of these load shedding relays. During periods of potential system constraints, upon a Customer's request, BC Hydro will endeavour to provide Electricity normally provided by the Customer's electrical generation unit.</p> <p>The Customer is required to advise BC Hydro within 30 minutes of taking Electricity under this Rate Schedule for this purpose. If the Customer fails to advise BC Hydro within 30 minutes, measured Demand and Energy consumption will be billed under Rate Schedule 1823, 1825, 1827 or 1852, whichever is applicable.</p> <p>4. Electricity taken under this Rate Schedule will not displace Electricity otherwise to be taken by the Customer under Rate Schedule 1823, 1825, 1827 or 1852.</p> <p>Electricity taken under this Rate Schedule will not displace electricity that would normally be generated by the Customer for the purpose of re-sale.</p>
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ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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**BC Hydro**

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	<p>5. In addition to the charges specifically set out in this Rate Schedule, the Customer will pay for any additional facilities required to deliver Electricity under this Rate Schedule provided that BC Hydro obtains the prior consent of the Customer for construction of the additional facilities.</p> <p>6. A Customer may be required to allow BC Hydro to install metering and communication equipment to measure the electricity output of the Customer's self-generation unit.</p> <p>7. BC Hydro will bill for Electricity taken under Rate Schedule 1880 at the same time it bills for Electricity taken under Rate Schedule 1823, 1825, 1827 or 1852, whichever is applicable.</p>
<b>Taxes</b>	The rates set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.
<b>Note</b>	The terms and conditions under which Transmission Service is supplied are contained in Electric Tariff Supplement Nos. 5 and 6, or Electric Tariff Supplement Nos. 87 and 88, as applicable.
<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
<b>Rate Increase</b>	Effective April 1, 2019 the Energy Charge under this Rate Schedule includes an interim rate increase of 6.85% before rounding, approved by BCUC Order No. G-45-19.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

COMMISSION SECRETARY



**5. TRANSMISSION SERVICE****RATE SCHEDULE 1891 – TRANSMISSION SERVICE – SHORE POWER SERVICE**

<b>Availability</b>	For the supply of Shore Power to Port Customers for use by Eligible Vessels while docked at the Port Customer's Port Facility, on an interruptible basis. Supply is at 60 kV or higher.
<b>Applicable in</b>	Rate Zone I.
<b>Rate</b>	<b>Administrative Charge:</b> \$150.00 per month  plus  <b>Energy Charge:</b> 10.160 ¢ per kWh for all kWh in a billing period
<b>Definitions</b>	For purposes of this Rate Schedule, capitalized terms have the meanings given to them in the Shore Power Service Agreement (Electric Tariff Supplement No. 86).
<b>Special Conditions</b>	<ol style="list-style-type: none"> <li>1. BC Hydro agrees to provide Electricity under this Rate Schedule to the extent that it has energy and capacity to do so. BC Hydro may refuse Service under this Rate Schedule in circumstances where BC Hydro does not have sufficient energy or capacity. For greater certainty, BC Hydro will not be required to construct a System Reinforcement under Electric Tariff Supplement No. 6 to provide Shore Power Service under this Rate Schedule.</li> <li>2. The terms and conditions under which Shore Power Service is supplied are contained in the Shore Power Service Agreement (Electric Tariff Supplement No. 86). The Port Customer will pay to BC Hydro the charges set out in this Rate Schedule in addition to any charges set out in the Shore Power Service Agreement.</li> </ol>

ACCEPTED: \_\_\_\_\_

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	<p>3. A Port Customer that provides Port Electricity at a Port Facility under Rate Schedules 1600, 1601, 1610, 1611 (Large General Service) or 1823 (Stepped Rate) is not eligible to take Shore Power Service under this Rate Schedule to provide Port Electricity to that Port Facility, or a Port Facility served by the same BC Hydro delivery facilities.</p> <p>4. On each occasion, if any, that BC Hydro is required to dispatch power line technicians or other workers to operate the switchgear for each connect and disconnect of Eligible Vessels docked at the Port Customer's Port Facility, BC Hydro will charge, and the Port Customer will pay, the reasonable time and labour costs for this service. The charge will be based on prevailing BC Hydro contracted labour rates and will be separately itemized on the Port Customer's monthly bill.</p>
<b>Taxes</b>	The rates set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.
<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

COMMISSION SECRETARY

**5. TRANSMISSION SERVICE****RATE SCHEDULE 1892 – TRANSMISSION SERVICE – FRESHET ENERGY**

<b>Availability</b>	For Customers supplied with Electricity under Rate Schedule 1823 (Stepped Rate) that increase their Electricity usage during the Freshet Period, subject to the Special Conditions below.
<b>Applicable in</b>	Rate Zone I excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.
<b>Termination Date</b>	This Rate Schedule will terminate effective December 31, 2018.
<b>Rate</b>	<p><b>Energy Charge:</b></p> <p>The charge applied to energy supplied under this Rate Schedule 1892 during each HLH and LLH of the current Freshet Period is equal to:</p> <ol style="list-style-type: none"> <li>The greater of <ol style="list-style-type: none"> <li>The Intercontinental Exchange (<b>ICE</b>) Mid-Columbia (Mid-C) Peak or Mid-C Off-Peak weighted average index price, as published by the ICE in the ICE Day Ahead Power Price Report, applicable to the hour, and</li> <li>\$0/kWh, plus</li> </ol> </li> <li>A \$3/MWh wheeling rate.</li> </ol>
<b>Definitions</b>	<p>Terms used in this Rate Schedule have the meanings given to them in Electric Tariff Supplement No. 5 or Rate Schedule 1823 (Stepped Rate). In addition, the following terms have the following meanings:</p> <ol style="list-style-type: none"> <li>Freshet Period May 1 to July 31 inclusive.</li> </ol>

ACCEPTED: \_\_\_\_\_

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	<p>2. HLH</p> <p>The hours ending 0700 to 2200, Monday through Saturday excluding North American Electric Reliability Corporation holidays.</p> <p>3. HLH Baseline</p> <p>The Customer's average hourly energy consumption under Rate Schedule 1823 during HLH of the 2015 Freshet Period.</p> <p>4. HLH Gross Freshet Energy</p> <p>The sum of energy taken by the Customer during each HLH of the current Freshet Period in excess of the HLH Baseline, excluding all hours where the energy taken is less than the HLH Baseline.</p> <p>5. HLH Net Freshet Energy</p> <p>The total energy taken by the Customer during all HLH of the current Freshet Period in excess of the total energy taken by the Customer under Rate Schedule 1823 during all HLH of the 2015 Freshet Period.</p> <p>6. HLH Net to Gross Ratio</p> <p>The ratio obtained by dividing HLH Net Freshet Energy by HLH Gross Freshet Energy.</p> <p>7. LLH</p> <p>The hours ending 2300 to 0600, Monday through Saturday and all day Sunday and North American Electric Reliability Corporation holidays.</p> <p>8. LLH Baseline</p> <p>The Customer's average hourly energy consumption under Rate Schedule 1823 during LLH of the 2015 Freshet Period.</p>
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ACCEPTED: \_\_\_\_\_

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	<p>9. LLH Gross Freshet Energy</p> <p>The sum of energy taken by the Customer during each LLH of the current Freshet Period in excess of the LLH Baseline, excluding all hours where the energy taken is less than the LLH Baseline.</p> <p>10. LLH Net Freshet Energy</p> <p>The total energy taken by the Customer during all LLH of the current Freshet Period in excess of the total energy taken by the Customer under Rate Schedule 1823 during all LLH of the 2015 Freshet Period.</p> <p>11. LLH Net to Gross Ratio</p> <p>The ratio obtained by dividing LLH Net Freshet Energy by LLH Gross Freshet Energy.</p> <p>12. Reference Demand</p> <p>The average of the highest kVA Demand during the High Load Hours in each of May, June and July 2015, where the High Load Hour period is as defined in Rate Schedule 1823.</p>
<b>Reference Demand for Rate Schedule 1823</b>	<p>If the Customer is supplied with Electricity under this Rate Schedule 1892, for the purposes of determining Billing Demand under Rate Schedule 1823 for each of the Billing Periods during the current Freshet Period, the highest kVA Demand during the High Load Hours in the Billing Period will be equal to the lesser of:</p> <ol style="list-style-type: none"> <li>1. The Reference Demand; and</li> <li>2. The actual highest kVA Demand during the High Load Hours in the Billing Period.</li> </ol>

ACCEPTED: \_\_\_\_\_

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<b>Reference Energy for Rate Schedule 1823</b>	<p>If the Customer is supplied with Electricity under this Rate Schedule 1892, the energy supplied to the Customer under Rate Schedule 1823 will be deemed to be the total energy supplied to the Customer less HLH and LLH Net Freshet Energy.</p> <p>Until BC Hydro has determined HLH and LLH Net Freshet Energy after the current Freshet Period, on an interim basis BC Hydro will bill the Customer for energy consumption under Rate Schedule 1823 during each HLH and LLH of the current Freshet Period on the basis that energy consumption is equal to the HLH Baseline and LLH Baseline respectively.</p> <p>When BC Hydro has determined the HLH and LLH Net Freshet Energy for the Customer, BC Hydro will make any necessary retroactive billing adjustments in relation to energy supplied under Rate Schedule 1823.</p>
<b>Rate Schedule 1892 Energy Determination</b>	<ol style="list-style-type: none"> <li>1. If HLH Net Freshet Energy is greater than zero, for each HLH hour of the current Freshet Period the energy taken by the Customer during the hour in excess of the HLH Baseline will be multiplied by the HLH Net to Gross Ratio, and the product will be the amount of energy supplied during that HLH hour under this Rate Schedule 1892.</li> <li>2. If LLH Net Freshet Energy is greater than zero, for each LLH hour of the current Freshet Period, the energy taken by the Customer during the hour in excess of the LLH Baseline will be multiplied by the LLH Net to Gross Ratio, and the product will be the amount of energy supplied during that LLH hour under this Rate Schedule 1892.</li> <li>3. All other energy supplied to the Customer during the current Freshet Period will be deemed to have been supplied under Rate Schedule 1823.</li> </ol>
<b>Special Conditions</b>	<ol style="list-style-type: none"> <li>1. Electricity is available under this Rate Schedule on a pilot program basis during the Freshet Periods of 2016, 2017 and 2018 only.</li> </ol>

ACCEPTED: \_\_\_\_\_

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	<p>2. BC Hydro agrees to provide Electricity under this Rate Schedule to the extent that it has energy and capacity to do so. BC Hydro may refuse Service under this Rate Schedule in circumstances where BC Hydro does not have sufficient energy or capacity. For greater certainty, BC Hydro will not be required to construct a System Reinforcement under Electric Tariff Supplement No. 6 to provide Service under this Rate Schedule.</p> <p>3. By March 1 of each year in which the Customer wishes to take Electricity under this Rate Schedule, the Customer must notify BC Hydro that the Customer elects to take Electricity under this Rate Schedule during the upcoming Freshet Period and also provide to BC Hydro an estimate of the amount of energy (in MWh) that the Customer expects to take under this Rate Schedule during each month of the Freshet Period and a description of the operational changes the Customer plans to make at its plant to take advantage of this freshet energy pilot program.</p> <p>4. If BC Hydro and the Customer agree that the LLH and HLH Baselines or Reference Demand calculated in accordance with the provisions above are not representative of the Customer's expected Rate Schedule 1823 Electricity usage during the Freshet Period of 2016, 2017 or 2018, and the parties agree to alternative LLH and HLH Baselines or Reference Demand, BC Hydro will file the agreed-to baselines or Reference Demand with the British Columbia Utilities Commission (<b>BCUC</b>). Subject to direction from the BCUC, BC Hydro will use such filed baselines or Reference Demand for the purposes of applying this Rate Schedule and Rate Schedule 1823.</p>
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ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

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	<p>5. Electricity under this Rate Schedule will not be available to a Customer if:</p> <p>(a) The Customer has an electricity purchase agreement (<b>EPA</b>) with BC Hydro; and</p> <p>(b) The Customer has, in accordance with the EPA, changed the Seasonal, Monthly or Hourly GBL (as applicable and as defined in the EPA) applicable during the Freshet Period of 2016, 2017 or 2018.</p> <p>6. A Customer taking Electricity under this Rate Schedule may, by providing notice to BC Hydro at any time prior to July 31, cancel supply under this Rate Schedule for the current Freshet Period.</p> <p>7. If a Customer taking Electricity under this Rate Schedule advises BC Hydro that the Customer is or will be taking Electricity under Rate Schedule 1880 (Standby and Maintenance) during the current Freshet Period, supply under this Rate Schedule will be automatically cancelled for the current Freshet Period.</p> <p>8. If supply under this Rate Schedule is canceled under Special Condition No. 6 or 7, all Electricity supplied to the Customer during the current Freshet Period will be deemed to be supplied under Rate Schedule 1823 or Rate Schedule 1880, as applicable. Such Customer's Energy and Demand Charges will be determined in accordance with Rate Schedule 1823 or Rate Schedule 1880, whichever is applicable, and BC Hydro will make any necessary retroactive billing adjustments.</p> <p>9. Subject to any advance billing arrangement under Electric Tariff No. 5 or other special billing terms in effect for a particular Customer, BC Hydro will bill for Electricity supplied under this Rate Schedule 1892 after the Freshet Period has ended and BC Hydro has determined the HLH and LLH Net Freshet Energy for the Customer. BC Hydro will then make any necessary retroactive billing adjustments in relation to energy supplied under Rate Schedule 1823.</p>
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ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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	10. All monetary amounts referred to in this Rate Schedule will be paid in Canadian currency. The ICE Day Ahead Power Price Report referenced in this Rate Schedule is published in US dollars, and the amounts in the report will be converted from US dollars to Canadian dollars at the Bank of Canada daily exchange rate on the applicable day(s).
<b>Taxes</b>	The rates set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.
<b>Note</b>	The terms and conditions under which Transmission Service is supplied are contained in Electric Tariff Supplement Nos. 5 and 6.
<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

COMMISSION SECRETARY

**5. TRANSMISSION SERVICE****RATE SCHEDULE 3808 – TRANSMISSION SERVICE – FORTISBC INC.**

<b>Availability</b>	This Rate Schedule is available to FortisBC Inc. (FortisBC) in accordance with the terms and conditions of the Agreement between BC Hydro and FortisBC entered into and deemed effective July 1, 2014 (Power Purchase Agreement). Contract Demand must not exceed 200 MW in any hour.
<b>Applicable in</b>	For Electricity delivered to FortisBC at each Point of Delivery as defined in the Power Purchase Agreement.
<b>Rate</b>	<p><b>Demand Charge:</b> \$8.697 per kW of Billing Demand per Billing Month</p> <p>plus</p> <p><b>Energy Charge:</b></p> <p>Tranche 1 Energy Price: 5.098 ¢ per kWh</p> <p>Tranche 2 Energy Price: 9.509 ¢ per kWh</p>

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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<b>Definitions</b>	<p>1. <b>Billing Demand</b></p> <p>The Billing Demand in any Billing Month will be the greatest of:</p> <ul style="list-style-type: none"> <li>(a) The maximum amount of Electricity (in kW) scheduled under the Power Purchase Agreement, for any hour of the Billing Month;</li> <li>(b) 75% of the maximum amount of Electricity (in kW) scheduled under the Power Purchase Agreement in any hour in the 11 months of the Term immediately prior to the Billing Month (or less than 11 months, if the Effective Date is less than 11 months prior to the month); and</li> <li>(c) 50% of the Contract Demand (in kW) for the Billing Month.</li> </ul> <p>If FortisBC has reduced the Contract Demand in accordance with the Power Purchase Agreement, the amount of Electricity specified in item (b) above may not exceed an amount equal to 100% of the Contract Demand.</p> <p>2. <b>Maximum Tranche 1 Amount</b></p> <p>The Maximum Tranche 1 Amount for each Contract Year is 1,041 GWh.</p> <p>3. <b>Scheduled Energy Less Than or Equal to Annual Energy Nomination</b></p> <p>In any Contract Year, for the amount of the Scheduled Energy taken or deemed to be taken that is less than or equal to the Annual Energy Nomination, FortisBC will pay:</p> <ul style="list-style-type: none"> <li>(a) The Tranche 1 Energy Price for each kWh of such Scheduled Energy taken or deemed taken that is less than or equal to the Maximum Tranche 1 Amount; and</li> <li>(b) The Tranche 2 Energy Price for each kWh of such Scheduled Energy taken that exceeds the Maximum Tranche 1 Amount.</li> </ul>
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	<p>4. Scheduled Energy Exceeding the Annual Energy Nomination</p> <p>In any Contract Year, for the amount of the Scheduled Energy taken or deemed to be taken that exceeds the Annual Energy Nomination, FortisBC will pay:</p> <p>(a) 150% of the Tranche 1 Energy Price, for each kWh of such Scheduled Energy taken or deemed taken that that exceeds the Annual Energy Nomination, but is less than or equal to the Maximum Tranche 1 Amount; and</p> <p>(b) 115% of the Tranche 2 Energy Price, for each kWh of such Scheduled Energy taken that exceeds the Annual Energy Nomination and also exceeds the Maximum Tranche 1 Amount.</p> <p>5. Annual Minimum Take</p> <p>In any Contract Year, FortisBC will schedule and take an amount of Electricity equal to at least 75% of the Annual Energy Nomination, and will be responsible for any Annual Shortfall.</p>
<b>Note</b>	The terms and conditions under which Service is supplied to FortisBC are contained in the Power Purchase Agreement.
<b>Taxes</b>	The rates and charges set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.
<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

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<b>Rate Increase</b>	<p>The Tranche 1 Energy Price and Demand Charge set out above are subject to the same rate adjustments as Rate Schedule 1827 (Rate for Exempt Customers). Tranche 2 Energy Price is subject to changes as provided for in the Power Purchase Agreement.</p> <p>Effective April 1, 2019 the Tranche 1 Energy Price and the Demand Charge under this Rate Schedule include an interim rate increase of 6.85% before rounding, approved by BCUC Order No. G-45-19.</p>
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**5. TRANSMISSION SERVICE****RATE SCHEDULE 3817 – WHEELING SERVICE – FORTISBC INC.**

<b>Availability</b>	This Rate Schedule is available to FortisBC Inc. (FortisBC) for the Wheeling of electricity over BC Hydro's transmission facilities in accordance with the terms and conditions of the Amended and Restated Wheeling Agreement entered into between BC Hydro and FortisBC and deemed effective July 1, 2014 (Amended and Restated Wheeling Agreement).
<b>Applicable in</b>	The Point of Supply and the Points of Interconnection specified in the Amended and Restated Wheeling Agreement.
<b>CPI Adjustment</b>	Each Contract Year, the applicable rates for General Wheeling and Emergency Wheeling to each Point of Interconnection identified in this Rate Schedule will be adjusted by increasing the prior Contract Year's applicable rates by the annual rate of inflation as published by Statistics Canada using the British Columbia Consumer Price Index (all items) for the month of July preceding the commencement of the Contract Year in which the adjustment will apply. These adjustments will become effective at the commencement of the next Contract Year on October 1 of that calendar year, and the adjusted rates will be posted on BC Hydro's transmission website.

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<b>Annual General Wheeling Rates</b>	<p>Subject to adjustment in accordance with the CPI Adjustment provision of this Rate Schedule, for the purposes of calculating the applicable rates for General Wheeling to each Point of Interconnection identified in this Rate Schedule for the Contract Year commencing October 1, 2013, the applicable rates for General Wheeling to each Point of Interconnection identified in this Rate Schedule for the prior Contract Year are:</p> <ol style="list-style-type: none"> <li>1. Point of Supply to Creston Point of Interconnection \$13,411.12 per MW of Nominated Wheeling Demand</li> <li>2. Point of Supply to Okanagan Point of Interconnection \$20,578.55 per MW of Nominated Wheeling Demand</li> <li>3. Point of Supply to Princeton Point of Interconnection \$54,874.45 per MW of Nominated Wheeling Demand</li> </ol>
<b>Monthly Charge</b>	The monthly charge will be one-twelfth of the above annual rate per MW of Nominated Wheeling Demand for each Point of Interconnection.
<b>Nominated Wheeling Demand</b>	The maximum amount of electricity, as determined in section 6.1 of the Amended and Restated Wheeling Agreement, that BC Hydro will Wheel for FortisBC under General Wheeling to each Point of Interconnection during a stated Contract Year.
<b>POI Imbalance Wheeling</b>	A rate will be charged for each MW of POI Imbalance Wheeling that is equal to 200% of the then-current maximum rate that would apply to FortisBC under Schedule 01 of BC Hydro's Open Access Transmission Tariff for Hourly Non-Firm Point-To-Point Transmission Service.
<b>Emergency Wheeling</b>	Subject to adjustment in accordance with the CPI Adjustment provision of this Rate Schedule, a rate of 0.110 ¢ per kWh will be charged for each kWh of Emergency Wheeling. This charge would only apply to Wheeled Electricity which cannot be accommodated within the limits of the Nominated Wheeling Demand applicable to the Point of Interconnection, and which meets the criteria for Emergency Wheeling in accordance with the Amended and Restated Wheeling Agreement.

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<b>Note</b>	The terms and conditions under which Wheeling is provided to FortisBC are contained in the Amended and Restated Wheeling Agreement. All terms capitalized above are defined in the Amended and Restated Wheeling Agreement.
<b>Taxes</b>	The rates and charges set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.

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**BC Hydro**  
**Rate Schedule 1828 – Transmission Service –**  
**Biomass Energy Program**

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**Attachment B-2**

**Tariff Sheets**  
**Black-lined**

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**BC Hydro**Rate Schedule 1852 – ~~Revision 3~~Revision 4Effective: ~~April 1, 2019~~Page 5-~~13~~17**5. TRANSMISSION SERVICE****RATE SCHEDULE 1852 – TRANSMISSION SERVICE – MODIFIED DEMAND**

<b>Availability</b>	To a Customer supplied with Electricity at 60 kV or higher who is taking Service under Rate Schedule 1823 (Stepped Rate) at the time of application, and is a party to a Modified Demand Agreement under Electric Tariff Supplement No. 54 which is in force, and which is in a location, as determined by BC Hydro, that will allow BC Hydro to curtail load to alleviate a potential local or regional transmission constraint, or take advantage of a market opportunity. The annual subscription period for new subscribers is from September 1 to October 31.
<b>Applicable in</b>	Rate Zone I excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.
<b>Rate</b>	<p><b>Excess Demand Charge:</b></p> <p>\$8.697 per kVA of metered kVA Demand in excess of the Maximum Demand Level during Low Load Hours</p>
<b>Definitions</b>	<p>1. Billing Demand</p> <p>The Billing Demand will be:</p> <ul style="list-style-type: none"> <li>(a) The highest kVA Demand during the High Load Hours (<b>HLH</b>) in the Billing Period; or</li> <li>(b) 75% of the highest Billing Demand for the Customer's Plant in the immediately preceding period of November to February, both months included; or</li> <li>(c) 50% of the Contract Demand stated in the Electricity Supply Agreement for the Customer's Plant,</li> </ul> <p>whichever is the highest value.</p>

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**BC Hydro**Rate Schedule 1852 – ~~Revision 3~~Revision 4Effective: ~~April 1, 2019~~Page 5-~~44~~18**2. High Load Hours (HLH)**

High Load Hours (**HLH**) means the period(s) in a 24-hour day and during those days of a calendar week in which Electricity usage is typically highest in a particular region, as determined by BC Hydro in its discretion based on load characteristics and transmission constraints in that region from time to time, and designated in a Modified Demand Agreement.

**3. Low Load Hours (LLH)**

Low Load Hours (**LLH**) are all hours other than HLH.

**4. LLH CBL Energy**

LLH CBL Energy means the highest monthly energy consumption during the LLH over the last 12 Billing Periods, or an estimate of consumption if insufficient data is available.

**5. Maximum Demand Level**

Maximum Demand Level has the meaning set out in the Modified Demand Agreement. For a Customer with more than one designated period of High Load Hours, separate Maximum Demand Levels will be stated for each corresponding period of Low Load Hours. For a Customer with a single designated period of High Load Hours, a single Maximum Demand Level will be stated for all Low Load Hours.

The highest Maximum Demand Level will not exceed 95% of Contract Demand stated in the Customer's Electricity Supply Agreement, and is subject to local transmission availability.

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<b>Special Conditions</b>	<ol style="list-style-type: none"> <li>1. The terms and conditions under which Transmission Service is supplied are contained in Electric Tariff Supplement Nos. 5 and 6. The provisions of Rate Schedule 1823 (Stepped Rate) and Electric Tariff Supplement Nos. 5 and 6 continue to apply to Customers receiving Service under this Rate Schedule. In the case of a conflict between this Rate Schedule or the Modified Demand Agreement and Rate Schedule 1823 or Electric Tariff Supplement Nos. 5 or 6, the provisions of this Rate Schedule and the Modified Demand Agreement will govern.</li> <li>2. If for any two Billing Periods the total energy consumed under Rate Schedule 1852, during the LLH, is greater than the LLH CBL Energy by 10% or more, the highest kVA Demand in each such Billing Period during the High Load Hours will be adjusted by the ratio of the average monthly LLH Energy during such two Billing Periods over the LLH CBL Energy. The adjusted highest kVA Demand will apply for a period of 12 months after the second Billing Period included in the adjustment calculation. The LLH CBL Energy will be recalculated using the consumption history of the most recent 12 Billing Periods.</li> <li>3. The Minimum Reduction under the Modified Demand Agreement will be the greater of 50% of the difference between the Maximum Demand Level and the LLH CBL Demand, and 10 MW.</li> <li>4. The Maximum Number of Demand Reduction Transactions under the Modified Demand Agreement will be the greater of Maximum Duration multiplied by the Maximum Number of Demand Reduction Transactions, and 48 hours.</li> </ol>
<b>Taxes</b>	The rates set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.
<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

ACCEPTED: \_\_\_\_\_

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**BC Hydro**Rate Schedule 1852 – ~~Revision 3~~Revision 4Effective: ~~April 1, 2019~~Page 5-~~46~~20**Rate Increase**

Effective April 1, 2019 the rate under this Rate Schedule includes an interim rate increase of 6.85% before rounding, approved by BCUC Order No. G-45-19.

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**BC Hydro**Rate Schedule 1853 – ~~Revision 2~~Revision 3Effective: ~~April 1, 2019~~Page 5-~~47~~21**5. TRANSMISSION SERVICE****RATE SCHEDULE 1853 – TRANSMISSION SERVICE – IPP STATION SERVICE**

<b>Availability</b>	For Customers who are Independent Power Producers ( <b>IPPs</b> ) served at transmission voltage, on an interruptible basis.
<b>Applicable in</b>	Rate Zone I excluding Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.
<b>Rate</b>	<p><b>Energy Charge:</b></p> <p>The sum, over the Billing Period, of the hourly energy consumed multiplied by the entry in the Intercontinental Exchange (<b>ICE</b>) Mid-Columbia (Mid-C) Peak, and Mid-C Off-Peak weighted average index price as published by the ICE in the ICE Day Ahead Power Price Report that corresponds to the time when consumption occurred, during that hour</p>
<b>Monthly Minimum Charge</b>	\$49.01
<b>Special Conditions</b>	<ol style="list-style-type: none"> <li>1. BC Hydro agrees to provide Electricity under this Rate Schedule to the extent that it has energy and capacity to do so.</li> <li>2. BC Hydro may, without notice to the Customer, refuse to supply or terminate the supply of Electricity under this Rate Schedule if at any time BC Hydro does not have sufficient energy or capacity.</li> <li>3. Prior to taking Electricity under this Rate Schedule, the Customer may be required to obtain approval from BC Hydro. BC Hydro will advise the Customer of the need to obtain approval prior to the taking of Electricity under this Rate Schedule.</li> <li>4. Electricity taken under this Rate Schedule is to be used solely for maintenance and black-start requirements and will not displace electricity that would normally be generated by the Customer.</li> </ol>

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<b>Taxes</b>	The rates and Monthly Minimum Charge set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.
<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
<b>Rate Increase</b>	Effective April 1, 2019 the Monthly Minimum Charge under this Rate Schedule includes an interim rate increase of 6.85% before rounding, approved by BCUC Order No. G-45-19.

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ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**Rate Schedule 1880 – ~~Revision 2~~Revision 3Effective: ~~April 1, 2019~~Page 5-~~1923~~**5. TRANSMISSION SERVICE****RATE SCHEDULE 1880 – TRANSMISSION SERVICE – STANDBY AND MAINTENANCE SUPPLY**

<b>Availability</b>	For Customers supplied with Electricity under Rate Schedule 1823 (Stepped Rate), 1825 (TOU Rate), 1827 (Rate for Exempt Customers) or 1852 (Modified Demand), on an interruptible basis.
<b>Applicable in</b>	Rate Zone I excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.
<b>Rate</b>	<p><b>Administrative Charge:</b> \$150.00 per Period of Use</p> <p>plus</p> <p><b>Energy Charge:</b> During the Period of Use, 10.160 ¢ per kWh of metered Rate Schedule 1880 energy consumption, determined as set out below</p>
<b>Definitions</b>	<p>1. HLH Reference Demand</p> <p>HLH Reference Demand is the highest kVA Demand in the HLH for the current Billing Period prior to the Period of Use, but excluding any prior Period of Use. If the Period of Use extends over an entire Billing Period, the highest kVA Demand in the HLH from the prior Billing Period will be used in determining the HLH Reference Demand, excluding any Period of Use in the prior Billing Period.</p> <p>For the purpose of determining HLH Reference Demand, the HLH periods are as defined in Rate Schedule 1823, 1825, 1827 or 1852, whichever is applicable.</p>

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

COMMISSION SECRETARY

**BC Hydro**Rate Schedule 1880 – ~~Revision 2~~Revision 3Effective: ~~April 1, 2019~~Page 5-~~2024~~

	<p>2. Period of Use</p> <p>A period of consecutive hours during which Electricity is taken under this Rate Schedule. The Period of Use is as defined by the Customer when requesting Service from BC Hydro under this Rate Schedule 1880 and may extend into subsequent Billing Periods.</p>
<b>Rate Schedule 1880 Energy Determination</b>	<p>During HLH periods, the kWh consumption on an hourly basis which exceeds the HLH high kWh per hour within the Period of Use or portion thereof where HLH high kWh per hour is the product of HLH Reference Demand multiplied by the Power Factor for the half hour when the HLH Reference Demand occurred.</p> <p>For the purpose of the Rate Schedule 1880 Energy Determination, the HLH periods are as defined in Rate Schedule 1823, 1825, 1827 or 1852, whichever is applicable.</p>
<b>Special Conditions</b>	<p>1. BC Hydro agrees to provide Electricity under this Rate Schedule to the extent that it has energy and capacity to do so.</p> <p>2. BC Hydro may, without notice to the Customer, refuse to supply or terminate the supply of Electricity under this Rate Schedule if at any time during the Period of Use BC Hydro does not have sufficient energy or capacity.</p>

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY



**BC Hydro**Rate Schedule 1880 – ~~Revision 2~~ Revision 3Effective: ~~April 1, 2019~~Page 5-~~21~~25

## 3. This Rate Schedule is only for the following purposes:

To provide Electricity the Customer would otherwise generate during periods when all or part of the Customer's electrical generating plant is curtailed.

Electricity used for this purpose may be taken on an instantaneous basis when the impact of the instantaneous pickup of loads normally provided by the Customer's electrical generation units does not occur after BC Hydro has advised the Customer that a period of system constraint or potential system constraint exists.

During periods of potential system constraints, BC Hydro will require Customers to arm load shedding relays to ensure that the loss of electricity production from a Customer's electrical generation unit will not result in a demand greater than the Customer's Maximum kVA Demand on BC Hydro's system. BC Hydro may require the Customer to provide it with control of these load shedding relays. During periods of potential system constraints, upon a Customer's request, BC Hydro will endeavour to provide Electricity normally provided by the Customer's electrical generation unit.

The Customer is required to advise BC Hydro within 30 minutes of taking Electricity under this Rate Schedule for this purpose. If the Customer fails to advise BC Hydro within 30 minutes, measured Demand and Energy consumption will be billed under Rate Schedule 1823, 1825, 1827 or 1852, whichever is applicable.

## 4. Electricity taken under this Rate Schedule will not displace Electricity otherwise to be taken by the Customer under Rate Schedule 1823, 1825, 1827 or 1852.

Electricity taken under this Rate Schedule will not displace electricity that would normally be generated by the Customer for the purpose of re-sale.

ACCEPTED: \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**Rate Schedule 1880 – ~~Revision 2~~Revision 3Effective: ~~April 1, 2019~~Page 5-~~22~~26

	<p>5. In addition to the charges specifically set out in this Rate Schedule, the Customer will pay for any additional facilities required to deliver Electricity under this Rate Schedule provided that BC Hydro obtains the prior consent of the Customer for construction of the additional facilities.</p> <p>6. A Customer may be required to allow BC Hydro to install metering and communication equipment to measure the electricity output of the Customer's self-generation unit.</p> <p>7. BC Hydro will bill for Electricity taken under Rate Schedule 1880 at the same time it bills for Electricity taken under Rate Schedule 1823, 1825, 1827 or 1852, whichever is applicable.</p>
<b>Taxes</b>	The rates set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.
<b>Note</b>	The terms and conditions under which Transmission Service is supplied are contained in Electric Tariff Supplement Nos. 5 and 6, or Electric Tariff Supplement Nos. 87 and 88, as applicable.
<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.
<b>Rate Increase</b>	Effective April 1, 2019 the Energy Charge under this Rate Schedule includes an interim rate increase of 6.85% before rounding, approved by BCUC Order No. G-45-19.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**Rate Schedule 1891 – ~~Revision 2~~Revision 3Effective: ~~April 1, 2019~~Page 5-~~23~~27**5. TRANSMISSION SERVICE****RATE SCHEDULE 1891 – TRANSMISSION SERVICE – SHORE POWER SERVICE**

<b>Availability</b>	For the supply of Shore Power to Port Customers for use by Eligible Vessels while docked at the Port Customer's Port Facility, on an interruptible basis. Supply is at 60 kV or higher.
<b>Applicable in</b>	Rate Zone I.
<b>Rate</b>	<b>Administrative Charge:</b> \$150.00 per month  plus  <b>Energy Charge:</b> 10.160 ¢ per kWh for all kWh in a billing period
<b>Definitions</b>	For purposes of this Rate Schedule, capitalized terms have the meanings given to them in the Shore Power Service Agreement (Electric Tariff Supplement No. 86).
<b>Special Conditions</b>	<ol style="list-style-type: none"> <li>1. BC Hydro agrees to provide Electricity under this Rate Schedule to the extent that it has energy and capacity to do so. BC Hydro may refuse Service under this Rate Schedule in circumstances where BC Hydro does not have sufficient energy or capacity. For greater certainty, BC Hydro will not be required to construct a System Reinforcement under Electric Tariff Supplement No. 6 to provide Shore Power Service under this Rate Schedule.</li> <li>2. The terms and conditions under which Shore Power Service is supplied are contained in the Shore Power Service Agreement (Electric Tariff Supplement No. 86). The Port Customer will pay to BC Hydro the charges set out in this Rate Schedule in addition to any charges set out in the Shore Power Service Agreement.</li> </ol>

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**Rate Schedule 1891 – ~~Revision 2~~Revision 3Effective: ~~April 1, 2019~~Page 5-~~24~~28

	<p>3. A Port Customer that provides Port Electricity at a Port Facility under Rate Schedules 1600, 1601, 1610, 1611 (Large General Service) or 1823 (Stepped Rate) is not eligible to take Shore Power Service under this Rate Schedule to provide Port Electricity to that Port Facility, or a Port Facility served by the same BC Hydro delivery facilities.</p> <p>4. On each occasion, if any, that BC Hydro is required to dispatch power line technicians or other workers to operate the switchgear for each connect and disconnect of Eligible Vessels docked at the Port Customer's Port Facility, BC Hydro will charge, and the Port Customer will pay, the reasonable time and labour costs for this service. The charge will be based on prevailing BC Hydro contracted labour rates and will be separately itemized on the Port Customer's monthly bill.</p>
<b>Taxes</b>	The rates set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.
<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**Rate Schedule 1892 – ~~Revision 3~~Revision 4Effective: ~~May 1, 2018~~Page 5-~~25~~29**5. TRANSMISSION SERVICE****RATE SCHEDULE 1892 – TRANSMISSION SERVICE – FRESHET ENERGY**

<b>Availability</b>	For Customers supplied with Electricity under Rate Schedule 1823 (Stepped Rate) that increase their Electricity usage during the Freshet Period, subject to the Special Conditions below.
<b>Applicable in</b>	Rate Zone I excluding the Districts of Kingsgate-Yahk and Lardeau-Shutty Bench.
<b>Termination Date</b>	This Rate Schedule will terminate effective December 31, 2018.
<b>Rate</b>	<p><b>Energy Charge:</b></p> <p>The charge applied to energy supplied under this Rate Schedule 1892 during each HLH and LLH of the current Freshet Period is equal to:</p> <ol style="list-style-type: none"> <li>The greater of <ol style="list-style-type: none"> <li>The Intercontinental Exchange (<b>ICE</b>) Mid-Columbia (Mid-C) Peak or Mid-C Off-Peak weighted average index price, as published by the ICE in the ICE Day Ahead Power Price Report, applicable to the hour, and</li> <li>\$0/kWh, plus</li> </ol> </li> <li>A \$3/MWh wheeling rate.</li> </ol>
<b>Definitions</b>	<p>Terms used in this Rate Schedule have the meanings given to them in Electric Tariff Supplement No. 5 or Rate Schedule 1823 (Stepped Rate). In addition, the following terms have the following meanings:</p> <ol style="list-style-type: none"> <li>Freshet Period May 1 to July 31 inclusive.</li> </ol>

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

COMMISSION SECRETARY

**BC Hydro**Rate Schedule 1892 – ~~Revision 3~~Revision 4Effective: ~~May 1, 2018~~Page 5-~~26~~30

## 2. HLH

The hours ending 0700 to 2200, Monday through Saturday excluding North American Electric Reliability Corporation holidays.

## 3. HLH Baseline

The Customer's average hourly energy consumption under Rate Schedule 1823 during HLH of the 2015 Freshet Period.

## 4. HLH Gross Freshet Energy

The sum of energy taken by the Customer during each HLH of the current Freshet Period in excess of the HLH Baseline, excluding all hours where the energy taken is less than the HLH Baseline.

## 5. HLH Net Freshet Energy

The total energy taken by the Customer during all HLH of the current Freshet Period in excess of the total energy taken by the Customer under Rate Schedule 1823 during all HLH of the 2015 Freshet Period.

## 6. HLH Net to Gross Ratio

The ratio obtained by dividing HLH Net Freshet Energy by HLH Gross Freshet Energy.

## 7. LLH

The hours ending 2300 to 0600, Monday through Saturday and all day Sunday and North American Electric Reliability Corporation holidays.

## 8. LLH Baseline

The Customer's average hourly energy consumption under Rate Schedule 1823 during LLH of the 2015 Freshet Period.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**Rate Schedule 1892 – ~~Revision 3~~Revision 4Effective: ~~May 1, 2018~~Page 5-~~27~~31

	<p>9. LLH Gross Freshet Energy</p> <p>The sum of energy taken by the Customer during each LLH of the current Freshet Period in excess of the LLH Baseline, excluding all hours where the energy taken is less than the LLH Baseline.</p> <p>10. LLH Net Freshet Energy</p> <p>The total energy taken by the Customer during all LLH of the current Freshet Period in excess of the total energy taken by the Customer under Rate Schedule 1823 during all LLH of the 2015 Freshet Period.</p> <p>11. LLH Net to Gross Ratio</p> <p>The ratio obtained by dividing LLH Net Freshet Energy by LLH Gross Freshet Energy.</p> <p>12. Reference Demand</p> <p>The average of the highest kVA Demand during the High Load Hours in each of May, June and July 2015, where the High Load Hour period is as defined in Rate Schedule 1823.</p>
<p><b>Reference Demand for Rate Schedule 1823</b></p>	<p>If the Customer is supplied with Electricity under this Rate Schedule 1892, for the purposes of determining Billing Demand under Rate Schedule 1823 for each of the Billing Periods during the current Freshet Period, the highest kVA Demand during the High Load Hours in the Billing Period will be equal to the lesser of:</p> <ol style="list-style-type: none"> <li>1. The Reference Demand; and</li> <li>2. The actual highest kVA Demand during the High Load Hours in the Billing Period.</li> </ol>

ACCEPTED: \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**Rate Schedule 1892 – ~~Revision 3~~Revision 4Effective: ~~May 1, 2018~~Page 5-~~28~~32

<b>Reference Energy for Rate Schedule 1823</b>	<p>If the Customer is supplied with Electricity under this Rate Schedule 1892, the energy supplied to the Customer under Rate Schedule 1823 will be deemed to be the total energy supplied to the Customer less HLH and LLH Net Freshet Energy.</p> <p>Until BC Hydro has determined HLH and LLH Net Freshet Energy after the current Freshet Period, on an interim basis BC Hydro will bill the Customer for energy consumption under Rate Schedule 1823 during each HLH and LLH of the current Freshet Period on the basis that energy consumption is equal to the HLH Baseline and LLH Baseline respectively.</p> <p>When BC Hydro has determined the HLH and LLH Net Freshet Energy for the Customer, BC Hydro will make any necessary retroactive billing adjustments in relation to energy supplied under Rate Schedule 1823.</p>
<b>Rate Schedule 1892 Energy Determination</b>	<ol style="list-style-type: none"> <li>1. If HLH Net Freshet Energy is greater than zero, for each HLH hour of the current Freshet Period the energy taken by the Customer during the hour in excess of the HLH Baseline will be multiplied by the HLH Net to Gross Ratio, and the product will be the amount of energy supplied during that HLH hour under this Rate Schedule 1892.</li> <li>2. If LLH Net Freshet Energy is greater than zero, for each LLH hour of the current Freshet Period, the energy taken by the Customer during the hour in excess of the LLH Baseline will be multiplied by the LLH Net to Gross Ratio, and the product will be the amount of energy supplied during that LLH hour under this Rate Schedule 1892.</li> <li>3. All other energy supplied to the Customer during the current Freshet Period will be deemed to have been supplied under Rate Schedule 1823.</li> </ol>
<b>Special Conditions</b>	<ol style="list-style-type: none"> <li>1. Electricity is available under this Rate Schedule on a pilot program basis during the Freshet Periods of 2016, 2017 and 2018 only.</li> </ol>

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

COMMISSION SECRETARY



**BC Hydro**Rate Schedule 1892 – ~~Revision 3~~Revision 4Effective: ~~May 1, 2018~~Page 5-~~29~~33

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|--|---|
|  | <p>2. BC Hydro agrees to provide Electricity under this Rate Schedule to the extent that it has energy and capacity to do so. BC Hydro may refuse Service under this Rate Schedule in circumstances where BC Hydro does not have sufficient energy or capacity. For greater certainty, BC Hydro will not be required to construct a System Reinforcement under Electric Tariff Supplement No. 6 to provide Service under this Rate Schedule.</p> <p>3. By March 1 of each year in which the Customer wishes to take Electricity under this Rate Schedule, the Customer must notify BC Hydro that the Customer elects to take Electricity under this Rate Schedule during the upcoming Freshet Period and also provide to BC Hydro an estimate of the amount of energy (in MWh) that the Customer expects to take under this Rate Schedule during each month of the Freshet Period and a description of the operational changes the Customer plans to make at its plant to take advantage of this freshet energy pilot program.</p> <p>4. If BC Hydro and the Customer agree that the LLH and HLH Baselines or Reference Demand calculated in accordance with the provisions above are not representative of the Customer's expected Rate Schedule 1823 Electricity usage during the Freshet Period of 2016, 2017 or 2018, and the parties agree to alternative LLH and HLH Baselines or Reference Demand, BC Hydro will file the agreed-to baselines or Reference Demand with the British Columbia Utilities Commission (<b>BCUC</b>). Subject to direction from the BCUC, BC Hydro will use such filed baselines or Reference Demand for the purposes of applying this Rate Schedule and Rate Schedule 1823.</p> |
|--|---|

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**Rate Schedule 1892 – ~~Revision 3~~Revision 4Effective: ~~May 1, 2018~~Page 5-~~30~~34

5. Electricity under this Rate Schedule will not be available to a Customer if:
  - (a) The Customer has an electricity purchase agreement (**EPA**) with BC Hydro; and
  - (b) The Customer has, in accordance with the EPA, changed the Seasonal, Monthly or Hourly GBL (as applicable and as defined in the EPA) applicable during the Freshet Period of 2016, 2017 or 2018.
6. A Customer taking Electricity under this Rate Schedule may, by providing notice to BC Hydro at any time prior to July 31, cancel supply under this Rate Schedule for the current Freshet Period.
7. If a Customer taking Electricity under this Rate Schedule advises BC Hydro that the Customer is or will be taking Electricity under Rate Schedule 1880 (Standby and Maintenance) during the current Freshet Period, supply under this Rate Schedule will be automatically cancelled for the current Freshet Period.
8. If supply under this Rate Schedule is canceled under Special Condition No. 6 or 7, all Electricity supplied to the Customer during the current Freshet Period will be deemed to be supplied under Rate Schedule 1823 or Rate Schedule 1880, as applicable. Such Customer's Energy and Demand Charges will be determined in accordance with Rate Schedule 1823 or Rate Schedule 1880, whichever is applicable, and BC Hydro will make any necessary retroactive billing adjustments.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**Rate Schedule 1892 – ~~Revision 3~~Revision 4Effective: ~~May 1, 2018~~Page 5-~~34~~35

	9. Subject to any advance billing arrangement under Electric Tariff No. 5 or other special billing terms in effect for a particular Customer, BC Hydro will bill for Electricity supplied under this Rate Schedule 1892 after the Freshet Period has ended and BC Hydro has determined the HLH and LLH Net Freshet Energy for the Customer. BC Hydro will then make any necessary retroactive billing adjustments in relation to energy supplied under Rate Schedule 1823.
	10. All monetary amounts referred to in this Rate Schedule will be paid in Canadian currency. The ICE Day Ahead Power Price Report referenced in this Rate Schedule is published in US dollars, and the amounts in the report will be converted from US dollars to Canadian dollars at the Bank of Canada daily exchange rate on the applicable day(s).
<b>Taxes</b>	The rates set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.
<b>Note</b>	The terms and conditions under which Transmission Service is supplied are contained in Electric Tariff Supplement Nos. 5 and 6.
<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**Rate Schedule 3808 – ~~Revision 3~~Revision 4Effective: ~~April 1, 2019~~Page 5-~~32~~36**5. TRANSMISSION SERVICE****RATE SCHEDULE 3808 – TRANSMISSION SERVICE – FORTISBC INC.**

<b>Availability</b>	This Rate Schedule is available to FortisBC Inc. (FortisBC) in accordance with the terms and conditions of the Agreement between BC Hydro and FortisBC entered into and deemed effective July 1, 2014 (Power Purchase Agreement). Contract Demand must not exceed 200 MW in any hour.
<b>Applicable in</b>	For Electricity delivered to FortisBC at each Point of Delivery as defined in the Power Purchase Agreement.
<b>Rate</b>	<p><b>Demand Charge:</b> \$8.697 per kW of Billing Demand per Billing Month</p> <p>plus</p> <p><b>Energy Charge:</b></p> <p>Tranche 1 Energy Price: 5.098 ¢ per kWh</p> <p>Tranche 2 Energy Price: 9.509 ¢ per kWh</p>

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**Rate Schedule 3808 – ~~Revision 3~~Revision 4Effective: ~~April 1, 2019~~Page 5-~~33~~37**Definitions****1. Billing Demand**

The Billing Demand in any Billing Month will be the greatest of:

- (a) The maximum amount of Electricity (in kW) scheduled under the Power Purchase Agreement, for any hour of the Billing Month;
- (b) 75% of the maximum amount of Electricity (in kW) scheduled under the Power Purchase Agreement in any hour in the 11 months of the Term immediately prior to the Billing Month (or less than 11 months, if the Effective Date is less than 11 months prior to the month); and
- (c) 50% of the Contract Demand (in kW) for the Billing Month.

If FortisBC has reduced the Contract Demand in accordance with the Power Purchase Agreement, the amount of Electricity specified in item (b) above may not exceed an amount equal to 100% of the Contract Demand.

**2. Maximum Tranche 1 Amount**

The Maximum Tranche 1 Amount for each Contract Year is 1,041 GWh.

**3. Scheduled Energy Less Than or Equal to Annual Energy Nomination**

In any Contract Year, for the amount of the Scheduled Energy taken or deemed to be taken that is less than or equal to the Annual Energy Nomination, FortisBC will pay:

- (a) The Tranche 1 Energy Price for each kWh of such Scheduled Energy taken or deemed taken that is less than or equal to the Maximum Tranche 1 Amount; and
- (b) The Tranche 2 Energy Price for each kWh of such Scheduled Energy taken that exceeds the Maximum Tranche 1 Amount.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

COMMISSION SECRETARY

**BC Hydro**Rate Schedule 3808 – ~~Revision 3~~Revision 4Effective: ~~April 1, 2019~~Page 5-~~34~~38

	<p>4. Scheduled Energy Exceeding the Annual Energy Nomination</p> <p>In any Contract Year, for the amount of the Scheduled Energy taken or deemed to be taken that exceeds the Annual Energy Nomination, FortisBC will pay:</p> <p>(a) 150% of the Tranche 1 Energy Price, for each kWh of such Scheduled Energy taken or deemed taken that exceeds the Annual Energy Nomination, but is less than or equal to the Maximum Tranche 1 Amount; and</p> <p>(b) 115% of the Tranche 2 Energy Price, for each kWh of such Scheduled Energy taken that exceeds the Annual Energy Nomination and also exceeds the Maximum Tranche 1 Amount.</p> <p>5. Annual Minimum Take</p> <p>In any Contract Year, FortisBC will schedule and take an amount of Electricity equal to at least 75% of the Annual Energy Nomination, and will be responsible for any Annual Shortfall.</p>
<b>Note</b>	The terms and conditions under which Service is supplied to FortisBC are contained in the Power Purchase Agreement.
<b>Taxes</b>	The rates and charges set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.
<b>Rate Rider</b>	The Deferral Account Rate Rider as set out in Rate Schedule 1901 applies to all charges payable under this Rate Schedule, before taxes and levies.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

\_\_\_\_\_  
COMMISSION SECRETARY

**BC Hydro**Rate Schedule 3808 – ~~Revision 3~~Revision 4Effective: ~~April 1, 2019~~Page 5-~~35~~39**Rate Increase**

The Tranche 1 Energy Price and Demand Charge set out above are subject to the same rate adjustments as Rate Schedule 1827 (Rate for Exempt Customers). Tranche 2 Energy Price is subject to changes as provided for in the Power Purchase Agreement.

Effective April 1, 2019 the Tranche 1 Energy Price and the Demand Charge under this Rate Schedule include an interim rate increase of 6.85% before rounding, approved by BCUC Order No. G-45-19.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**

Rate Schedule 3817 – ~~Original~~Revision 1  
 Effective: ~~April 1, 2017~~

Page 5-~~36~~40

**5. TRANSMISSION SERVICE****RATE SCHEDULE 3817 – WHEELING SERVICE – FORTISBC INC.**

<b>Availability</b>	This Rate Schedule is available to FortisBC Inc. (FortisBC) for the Wheeling of electricity over BC Hydro's transmission facilities in accordance with the terms and conditions of the Amended and Restated Wheeling Agreement entered into between BC Hydro and FortisBC and deemed effective July 1, 2014 (Amended and Restated Wheeling Agreement).
<b>Applicable in</b>	The Point of Supply and the Points of Interconnection specified in the Amended and Restated Wheeling Agreement.
<b>CPI Adjustment</b>	Each Contract Year, the applicable rates for General Wheeling and Emergency Wheeling to each Point of Interconnection identified in this Rate Schedule will be adjusted by increasing the prior Contract Year's applicable rates by the annual rate of inflation as published by Statistics Canada using the British Columbia Consumer Price Index (all items) for the month of July preceding the commencement of the Contract Year in which the adjustment will apply. These adjustments will become effective at the commencement of the next Contract Year on October 1 of that calendar year, and the adjusted rates will be posted on BC Hydro's transmission website.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

\_\_\_\_\_  
 COMMISSION SECRETARY



**BC Hydro**

Rate Schedule 3817 – ~~Original~~Revision 1  
 Effective: ~~April 1, 2017~~

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<b>Annual General Wheeling Rates</b>	<p>Subject to adjustment in accordance with the CPI Adjustment provision of this Rate Schedule, for the purposes of calculating the applicable rates for General Wheeling to each Point of Interconnection identified in this Rate Schedule for the Contract Year commencing October 1, 2013, the applicable rates for General Wheeling to each Point of Interconnection identified in this Rate Schedule for the prior Contract Year are:</p> <ol style="list-style-type: none"> <li>Point of Supply to Creston Point of Interconnection \$13,411.12 per MW of Nominated Wheeling Demand</li> <li>Point of Supply to Okanagan Point of Interconnection \$20,578.55 per MW of Nominated Wheeling Demand</li> <li>Point of Supply to Princeton Point of Interconnection \$54,874.45 per MW of Nominated Wheeling Demand</li> </ol>
<b>Monthly Charge</b>	The monthly charge will be one-twelfth of the above annual rate per MW of Nominated Wheeling Demand for each Point of Interconnection.
<b>Nominated Wheeling Demand</b>	The maximum amount of electricity, as determined in section 6.1 of the Amended and Restated Wheeling Agreement, that BC Hydro will Wheel for FortisBC under General Wheeling to each Point of Interconnection during a stated Contract Year.
<b>POI Imbalance Wheeling</b>	A rate will be charged for each MW of POI Imbalance Wheeling that is equal to 200% of the then-current maximum rate that would apply to FortisBC under Schedule 01 of BC Hydro's Open Access Transmission Tariff for Hourly Non-Firm Point-To-Point Transmission Service.
<b>Emergency Wheeling</b>	Subject to adjustment in accordance with the CPI Adjustment provision of this Rate Schedule, a rate of 0.110 ¢ per kWh will be charged for each kWh of Emergency Wheeling. This charge would only apply to Wheeled Electricity which cannot be accommodated within the limits of the Nominated Wheeling Demand applicable to the Point of Interconnection, and which meets the criteria for Emergency Wheeling in accordance with the Amended and Restated Wheeling Agreement.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

COMMISSION SECRETARY

**BC Hydro**Rate Schedule 3817 – ~~Original~~Revision 1  
Effective: ~~April 1, 2017~~Page 5-~~38~~42

<b>Note</b>	The terms and conditions under which Wheeling is provided to FortisBC are contained in the Amended and Restated Wheeling Agreement. All terms capitalized above are defined in the Amended and Restated Wheeling Agreement.
<b>Taxes</b>	The rates and charges set out in this Rate Schedule are exclusive of goods and services and provincial sales taxes.

ACCEPTED: \_\_\_\_\_

ORDER NO. \_\_\_\_\_

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COMMISSION SECRETARY

**BC Hydro**  
**Rate Schedule 1828 – Transmission Service –**  
**Biomass Energy Program**

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**Attachment C**

**Draft Order**



Suite 410, 900 Howe Street  
Vancouver, BC Canada V6Z 2N3  
**P:** 604.660.4700  
**TF:** 1.800.663.1385  
**F:** 604.660.1102

**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)  
Order of the Lieutenant Governor in Council No. 158 and the  
Direction to the British Columbia Utilities Commission Respecting the Biomass Energy Program  
BC Hydro Application for Approval of Rate Schedule 1828 (Application)

**BEFORE:**

Commissioner  
Commissioner  
Commissioner

on Date

**ORDER**

**WHEREAS:**

- A. On April 1, 2019, the B.C. Government issued its Direction to the British Columbia Utilities Commission (**BCUC** or **Commission**) Respecting the Biomass Energy Program (Order in Council No. 158, BC Reg. 71/2019) (**Direction**);
- B. The Direction issued by the Lieutenant Governor in Council in respect of the Biomass Energy Program sets out the Commission's jurisdiction, allows for the recovery of the authority's costs with respect to a biomass contract in rates, and provides the rate schedule that the Commission must set as a rate within 10 days of receiving an application from the authority for the Commission to do so;
- C. On April 15, 2019, BC Hydro filed an Application requesting a Commission Order approving Rate Schedule (**RS**) 1828 – Transmission Service – Biomass Energy Program, and other Electric Tariff updates resulting from the addition of RS 1828, all of which were filed as Attachment B to the Application.

**NOW THEREFORE** pursuant to sections 58 to 61 of the *Utilities Commission Act*, and pursuant to the Direction to the British Columbia Utilities Commission Respecting the Biomass Energy Program (Order in Council No. 158 issued April 1, 2019, BC Reg. 71/2019), the Commission orders as follows:

1. RS 1828, and the Electric Tariff updates resulting from the addition of RS 1828, all of which were included as Attachment B to the Application, are approved effective 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