

**Fred James**

Chief Regulatory Officer

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May 28, 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)  
Transmission Service Freshet Energy  
Rate Schedule (RS) 1892 Extension Application (Application)  
Compliance with BCUC Order No. G-106-19 Directive 2**

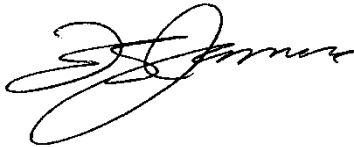
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BC Hydro writes in compliance with Directive 2 of BCUC Order No. G-106-19 to provide the amended tariff sheets for RS 1892.

A black-lined and clean copy of the tariff sheets are included as Attachment 1. The source documents of the tariff sheets are attached to the electronic version of this submission for stamping by the BCUC and return to BC Hydro.

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

Yours sincerely,



Fred James  
Chief Regulatory Officer

ac/ma

Enclosure

**Transmission Service Freshet Energy  
Rate Schedule 1892 Extension Application  
Compliance with BCUC Order No. G-106-19 Directive 2**

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**Attachment 1**

**Amended RS 1892  
Clean and Black-lined**

**BC Hydro**

Rate Schedule 1892 – Revision 5  
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**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, 2019.
<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>1. The greater of<ol style="list-style-type: none"><li>(a) 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>(b) \$0/kWh, plus</li></ol></li><li>2. 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>1. Freshet Period  May 1 to July 31 inclusive.</li></ol>

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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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	<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>

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<p><b>Reference Energy for Rate Schedule 1823</b></p>	<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>
<p><b>Rate Schedule 1892 Energy Determination</b></p>	<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>
<p><b>Special Conditions</b></p>	<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, 2018 and 2019 only.</li> </ol>

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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, 2018 or 2019, 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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	<p>5. Electricity under this Rate Schedule will not be available to a Customer if:</p> <ul style="list-style-type: none"><li>(a) The Customer has an electricity purchase agreement (<b>EPA</b>) with BC Hydro; and</li><li>(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, 2018 or 2019.</li></ul> <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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	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.

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**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 <del>9</del> .
<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>1. The greater of             <ol style="list-style-type: none"> <li>(a) 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>(b) \$0/kWh, plus</li> </ol> </li> <li>2. 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>1. Freshet Period  May 1 to July 31 inclusive.</li> </ol>

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2.	<b>HLH</b>  The hours ending 0700 to 2200, Monday through Saturday excluding North American Electric Reliability Corporation holidays.
3.	<b>HLH Baseline</b>  The Customer's average hourly energy consumption under Rate Schedule 1823 during HLH of the 2015 Freshet Period.
4.	<b>HLH Gross Freshet Energy</b>  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.
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<p><b>Special Conditions</b></p>	<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, <del>and 2018</del> <u>and 2019</u> only.</li> </ol>

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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.
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.
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~~ or 2019, 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 (**BCUC**). 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.

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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~~ or 2019.
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.
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<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.

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