BC Hydro
Power smart

Chris Sandve
Chief Regulatory Officer
Phone: 604-623-3918
Fax: 604-623-4407
bchydroregulatorygroup@bchydro.com

May 17, 2021

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: Project No. 1599190
British Columbia Utilities Commission (BCUC or Commission)
British Columbia Hydro and Power Authority (BC Hydro)
Public Electric Vehicle Fast Charging Rate Application

BC Hydro writes in compliance with Commission Order No. G-89-21 to provide its responses to Round 1 information requests as follows:

Exhibit B-4	Responses to Commission IRs (Public Version)
Exhibit B-4-1	Responses to Commission IRs (Confidential Version)
Exhibit B-5	Responses to Interveners IRs
Exhibit B-5-1	Responses to Interveners IRs (Confidential Version)
Exhibit B-1-1	Erratum No. 1 to the Application filed on March 5, 2021

BC Hydro is filing a number of IR responses and/or attachments to responses confidentially with the Commission. BC Hydro confirms that in each instance, an explanation for the request for confidential treatment is provided in the public version of the IR response. BC Hydro seeks this confidential treatment pursuant to section 42 of the *Administrative Tribunals Act* and Part 4 of the Commission's Rules of Practice and Procedure.

In addition, BC Hydro has discovered a typographic error on page 32 of the Application. The enclosed Erratum No. 1 outlines the correction to the Application.

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

Yours sincerely,

Chris Sandve
Chief Regulatory Officer

ms/tl

Enclosure

BC Hydro
Power smart

BC Hydro Public Electric Vehicle Fast Charging Service Rates Application

ERRATUM – May 17, 2021

REMOVE	INSERT	NOTE
Application - Page 32	Application - Page 32 – Revision 1 – May 17, 2021	1

Notes:

1. The 6.5 per cent indicated on the page for utilization of 100 kW station is a typographic error. It should be replaced with 5.5 per cent. This error does not change the rate calculation or the Proposed Rates.

electricity (Energy and Demand) costs as specified under the MGS rate schedule at a utilization level of 3.7 per cent. If the utilization levels are greater than this, we would also recover some maintenance and capital costs. When the service was free, the average utilization was 15 per cent, however as described in section 3.1, half of potential station users indicated that they would stop using the service if a rate is introduced

As discussed above, BC Hydro proposes 12 cents per minute for the fast charging service at 25 kW stations. We expect the station utilization rate of the 50 kW and 25 kW stations to be similar, because 25 kW stations will be mainly used as replacements to 50 kW stations that are under repair and when no other charging equipment for 50 kW stations is available in inventory.

Assuming the 25 kW stations have a utilization of 3.7 per cent, the Proposed Rate of 12 cents per minute will recover all of electricity supply costs and some charging station capital and maintenance costs.

BC Hydro proposes 27 cents per minute for fast charging service at 100 kW stations. The rate will collect sufficient revenues to recover at least electricity supply costs (Energy and Demand charges) under the MGS rate so long as the station utilization rate is ~~6.5~~5.5 per cent or greater. The station utilization needed for electricity cost recovery is higher for the 100 kW station than it is for the 50 kW station because the Peak Demand is higher. BC Hydro expects that utilization will be higher at the 100 kW stations because they are expected to be used primarily at locations near primary travel corridors or where high demand for charging has been demonstrated.

We propose to file the evaluation report and, if warranted, an application to propose new rate(s) for fast charging service, by March 31, 2024. This timeline will allow for the collection and analysis of two full fiscal years of utilization and financial data