

Fred James

Chief Regulatory Officer

Phone: 604-623-4046

Fax: 604-623-4407

bchydroregulatorygroup@bchydro.com

September 27, 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:

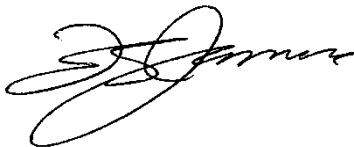
RE: Project No. 1599032
British Columbia Utilities Commission (BCUC or Commission)
British Columbia Hydro and Power Authority (BC Hydro)
Fleet Electrification Rate Application
Supplemental Information

BC Hydro writes in response to the Commission's letter dated September 23, 2019 requesting that BC Hydro provide the R/C ratio calculations included in Appendices E and F of the BC Hydro Fleet Electrification Rate Application (**Application**) in a live Microsoft Excel spreadsheet. Three spreadsheets are attached in this filing, one is for Appendix E and two are for Appendix F. Each of the spreadsheets contains a Table of Contents to help guide the user regarding the content of the worksheets.

In addition, BC Hydro has discovered a typographic error in Table 5 in Appendix F of the Application. The enclosed Errata 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,



Fred James
Chief Regulatory Officer

ac/tl

Enclosure

REFER TO LIVE SPREADSHEET MODEL

Provided in electronic format only

(Accessible by opening the Attachments Tab in Adobe)

REFER TO LIVE SPREADSHEET MODEL

Provided in electronic format only

(Accessible by opening the Attachments Tab in Adobe)

REFER TO LIVE SPREADSHEET MODEL

Provided in electronic format only

(Accessible by opening the Attachments Tab in Adobe)

BC Hydro Fleet Electrification Rate Application

ERRATUM No.1 – September 27, 2019

From the Exhibit B-1

REMOVE	INSERT	NOTE
Appendix F– Page 7	Appendix F Revision 1– Page 7	1

Notes:

1. The 12.1 MW billed amount of demand is monthly peak billing demand. It should be replaced with 145 MW, which is the total annual peak billing demand. This has no impact on the R/C Ratio calculation in Table 5.

Table 5 Illustrative Estimate of the Revenue to Cost Ratio of the Demand Transition Rate with 52% Load Factor and Fiscal 2034 Rates⁵

Cost			
Classified Cost Item	Total BCH Cost (\$M)	Allocator of In-Route Charging (%)	In-Route Charging Cost (\$M)
Energy Related	2,590	0.107	2.8
Generation Demand Related	960	0.081	0.8
Transmission Demand Related	1,470	0.081	1.2
Distribution Demand Related	1,000	0.144	1.4
Customer Care	385	0.039	0.15
Total Cost			6.3
Revenue			
Charge	Nominal Charges in 2034	Billed Amount	Total Charge (\$M)
Basic Charge (\$/day)	0.346	365 Days* 100 accounts (Days per year * # of Accounts)	0.01
Energy Charge (\$/kWh)	0.0784	55,000MWh (Total annual energy use across all accounts)	4.3
Demand Charge (\$/kW)	15.973	12.1145 MW (12 months * monthly peak Billing Demand across all accounts)	2.3
Total Revenue			6.6
R/C Ratio (%)			105

Note: Number of accounts is assumed to be 100.

⁵ Number may not add up due to rounding.