

Chris Sandve

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July 28, 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 to file an expanded Table 3 for the Streamlined Review Process (**SRP**) as Attachment 1. An abbreviated version of Table 3 was filed on March 5, 2021 in BC Hydro's Public Electric Vehicle Fast Charging Rate Application¹.

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

¹ BC Hydro's Public Electric Vehicle Fast Charging Rate Application, Table 3 page 31.

50 kW Station Including Capital Cost Contribution

Utilization Rate		Scenario 1	Scenario 2	Scenario 3	Scenario 4A	Scenario 4B	Scenario 4C	Scenario 4D	Scenario 5
(%)	Average Number of Charging Sessions per Station per Month	Electricity Costs (RS 1500 Equivalent)	Electricity + Station Maintenance Costs	Electricity + Maintenance + Capital Costs	Electricity + Maintenance + Capital Costs + Electricity (Not Dispensed)	Electricity + Maintenance + Capital Costs + Basic Charge	Electricity + Maintenance + Capital Costs + Overhead Capital Costs	Electricity + Maintenance + Capital Costs + Operational Costs	Electricity + Maintenance + Capital Costs + Electricity (Not Dispensed) + Basic Charge + Overhead Capital Costs + Operational Costs
		(\$/min)	(\$/min)	(\$/min)	(\$/min)	(\$/min)	(\$/min)	(\$/min)	(\$/min)
3.0%	46	\$0.25	\$0.76	\$1.29	\$1.30	\$1.30	\$1.35	\$1.97	\$2.04
3.7%	57	\$0.21	\$0.62	\$1.06	\$1.06	\$1.06	\$1.10	\$1.61	\$1.66
3.72%	57	\$0.21	\$0.62	\$1.05	\$1.06	\$1.06	\$1.10	\$1.60	\$1.65
5.0%	77	\$0.17	\$0.47	\$0.79	\$0.80	\$0.80	\$0.83	\$1.20	\$1.24
5.5%	84	\$0.16	\$0.43	\$0.73	\$0.73	\$0.73	\$0.76	\$1.10	\$1.13
10.0%	153	\$0.11	\$0.26	\$0.42	\$0.42	\$0.42	\$0.44	\$0.62	\$0.65
15.0%	230	\$0.09	\$0.19	\$0.29	\$0.30	\$0.30	\$0.31	\$0.43	\$0.45
20.0%	307	\$0.07	\$0.15	\$0.23	\$0.24	\$0.23	\$0.24	\$0.33	\$0.35

50 kW Not Including Capital Cost Contribution

Utilization Rate		Scenario 1	Scenario 2	Scenario 3	Scenario 4A	Scenario 4B	Scenario 4C	Scenario 4D	Scenario 5
(%)	Average Number of Charging Sessions per Station per Month	Electricity Costs (RS 1500 Equivalent)	Electricity + Station Maintenance Costs	Electricity + Maintenance + Capital Costs	Electricity + Maintenance + Capital Costs + Electricity (Not Dispensed)	Electricity + Maintenance + Capital Costs + Basic Charge	Electricity + Maintenance + Capital Costs + Overhead Capital Costs	Electricity + Maintenance + Capital Costs + Operational Costs	Electricity + Maintenance + Capital Costs + Electricity (Not Dispensed) + Basic Charge + Overhead Capital Costs + Operational Costs
		(\$/min)	(\$/min)	(\$/min)	(\$/min)	(\$/min)	(\$/min)	(\$/min)	(\$/min)
3.0%	46	\$0.25	\$0.76	\$2.25	\$2.25	\$2.25	\$2.39	\$2.92	\$3.08
3.7%	57	\$0.21	\$0.62	\$1.83	\$1.83	\$1.83	\$1.95	\$2.38	\$2.51
3.72%	57	\$0.21	\$0.62	\$1.82	\$1.83	\$1.83	\$1.94	\$2.37	\$2.50
5.0%	77	\$0.17	\$0.47	\$1.36	\$1.37	\$1.37	\$1.45	\$1.77	\$1.87
5.5%	84	\$0.16	\$0.43	\$1.24	\$1.25	\$1.25	\$1.33	\$1.61	\$1.70
10.0%	153	\$0.11	\$0.26	\$0.70	\$0.71	\$0.71	\$0.75	\$0.91	\$0.96
15.0%	230	\$0.09	\$0.19	\$0.48	\$0.49	\$0.49	\$0.51	\$0.62	\$0.66
20.0%	307	\$0.07	\$0.15	\$0.37	\$0.38	\$0.38	\$0.40	\$0.48	\$0.50