

1 Q. **Reference: Application**

2 Please provide the following data on each of Hydro’s operating EV charging stations on a
 3 monthly basis since the start of operation:

4 a) Average daily number of fast charges and L2 charges

5 b) Monthly revenue

6 c) Monthly operating costs

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9 A. Tables 1 and 2 provide the total and average daily number of sessions at each of Newfoundland
 10 and Labrador Hydro’s (“Hydro”) direct current fast chargers (“DCFC”) and Level 2 chargers.

**Table 1: Total Number of Sessions
 December 2020 to July 2021**

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
DCFC	16	10	3	40	104	130	103	260	666
Level 2	0	2	4	7	13	12	15	34	87

**Table 2: Average Daily Number of Sessions¹
 December 2020 to July 2021**

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
Number of Stations in Service	1	1	2	7	10	11	13	13
DCFC Sessions/Day	0.5	0.3	0.1	1.3	3.5	4.2	3.4	8.4
Level 2 Sessions/Day	0.0	0.1	0.1	0.2	0.4	0.4	0.5	1.1

11 CA-NLH-029, Attachment 1 provides detailed data for each electric vehicle (“EV”) charging
 12 station including the number of sessions.

¹ Average daily number of sessions was calculated assuming the station was in service for the entire month.

1 Hydro notes that charging stations were commissioned and released to the public throughout
 2 2021, the details of which are provided in Table 3.

Table 3: In-Service Date of Charging Station

Station	In Service Date	Days in Service as at July 31, 2021
Holyrood	December 17, 2020	226
Whitbourne	February 23, 2021	158
St. John's	March 3, 2021	150
Bishop's Falls	March 3, 2021	150
Glovertown	March 4, 2021	149
Gander	March 4, 2021	149
Port Blandford	March 31, 2021	122
Goobies	April 1, 2021	121
Deer Lake	April 9, 2021	113
Stephenville	April 18, 2021	104
Rocky Harbour	May 3, 2021	89
South Brook	June 2, 2021	59
Port aux Basques	June 7, 2021	54
Corner Brook ²	TBD	N/A

3 The monthly revenue and operating costs since the start of operation is included Table 4.

**Table 4: Monthly Revenue and Operating Costs
 December 2020 to July 2021
 (\$)**

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul ³	Total
Revenue	73	52	16	171	628	966	749	1,736	4,391
Electricity Costs	-	109	124	498	706	1,139	1,465	1,681	5,722
Payment Processing Fees	8	6	2	20	73	112	84	200	505
Total Operating Costs⁴	8	115	126	518	779	1,251	1,549	1,881	6,227
Net Profit / (Loss)	65	(63)	(110)	(347)	(151)	(285)	(800)	(145)	(1,836)

² Estimated in service of August 2021.

³ July 2021 billing cycle for electricity costs is not complete. Given the materiality of the costs and because of the variable nature of consumption, an accrual has not been completed at this time.

⁴ Charger maintenance is not required in the first year of operation.

1 Monthly revenue and operating costs for each EV charging station is included in CA-NLH-029,
2 Attachment 2.

3 As noted in Hydro’s application, more than 95% of EV charging takes place at home or work. As
4 such, while Hydro notes that the public stations on their own operate at a loss, they serve to
5 promote EV ownership on the Island Interconnected System thereby increasing energy sales at
6 homes and businesses which provides rate mitigation benefits to all customers.⁵

⁵ Hydro’s stations also allow for EV tourism on the Island Interconnected System which is another potential source of non-winter energy sales and therefore rate mitigation.

**Table 1: Total DCFC Sessions
December 2020 to July 2021**

Station	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
St. John's	-	-	-	12	32	22	23	31	120
Holyrood	16	10	2	9	13	11	9	18	88
Whitbourne	-	-	1	15	13	22	14	23	88
Goobies	-	-	-	-	14	24	15	32	85
Port Blandford	-	-	-	-	3	9	4	20	36
Glovertown	-	-	-	1	7	7	2	14	31
Gander	-	-	-	-	7	13	21	25	66
Bishop's Falls	-	-	-	3	9	13	8	26	59
South Brook	-	-	-	-	-	-	2	21	23
Deer Lake	-	-	-	-	6	8	4	28	46
Rocky Harbour	-	-	-	-	-	-	-	6	6
Corner Brook	-	-	-	-	-	-	-	-	-
Stephenville	-	-	-	-	-	1	-	3	4
Port aux Basques	-	-	-	-	-	-	1	13	14
Total	16	10	3	40	104	130	103	260	666

**Table 2: Total Level 2 Sessions
December 2020 to July 2021**

Station	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
St. John's	-	-	2	6	4	2	-	5	19
Holyrood	-	2	2	1	5	3	2	4	19
Whitbourne	-	-	-	-	2	1	1	1	5
Goobies	-	-	-	-	-	-	3	4	7
Port Blandford	-	-	-	-	-	-	-	1	1
Glovertown	-	-	-	-	-	-	1	-	1
Gander	-	-	-	-	2	3	3	2	10
Bishop's Falls	-	-	-	-	-	-	-	1	1
South Brook	-	-	-	-	-	-	-	3	3
Deer Lake	-	-	-	-	-	1	3	4	8
Rocky Harbour	-	-	-	-	-	-	-	1	1
Corner Brook	-	-	-	-	-	-	-	-	-
Stephenville	-	-	-	-	-	2	2	8	12
Port aux Basques	-	-	-	-	-	-	-	-	-
Total	-	2	4	7	13	12	15	34	87

Table 1: Monthly Revenue
December 2020 to July 2021
 (\$)

EV Station	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul¹	Total
St. John's	-	-	2	49	123	180	154	212	720
Holyrood	73	52	10	28	51	56	37	95	402
Whitbourne	-	-	4	78	76	148	79	136	521
Goobies	-	-	-	-	111	166	134	264	675
Port Blandford	-	-	-	-	22	60	22	150	254
Glovertown	-	-	-	6	49	34	13	112	214
Gander	-	-	-	-	69	130	169	146	514
Bishop's Falls	-	-	-	9	90	103	63	146	411
South Brook	-	-	-	-	-	-	6	129	135
Deer Lake	-	-	-	-	36	75	41	198	350
Rocky Harbour	-	-	-	-	-	-	-	42	42
Corner Brook	-	-	-	-	-	-	-	-	-
Stephenville	-	-	-	-	-	15	11	38	64
Port aux Basques	-	-	-	-	-	-	21	68	89
Total	73	52	16	170	627	967	750	1,736	4,391

Table 2: Monthly Operating Costs
December 2020 to July 2021
 (\$)

EV Station	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul¹	Total
St. John's	-	-	-	87	135	183	217	206	828
Holyrood	8	115	125	97	111	122	114	119	811
Whitbourne	-	-	1	89	137	185	187	153	752
Goobies	-	-	-	15	13	156	183	227	594
Port Blandford	-	-	-	-	100	7	93	290	490
Glovertown	-	-	-	87	6	116	101	123	433
Gander	-	-	-	14	106	142	199	226	687
Bishop's Falls	-	-	-	45	133	155	152	164	649
South Brook	-	-	-	-	-	-	1	15	16
Deer Lake	-	-	-	84	4	102	144	172	506
Rocky Harbour	-	-	-	-	-	-	-	5	5
Corner Brook	-	-	-	-	-	-	-	-	-
Stephenville	-	-	-	-	34	83	95	73	285
Port aux Basques	-	-	-	-	-	-	63	108	171
Total	8	115	126	518	779	1,251	1,549	1,881	6,227

¹ July 2021 billing cycle for electricity costs is not complete. Given the materiality of the costs and because of the variable nature of consumption, an accrual has not been completed at this time.