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January 31, 2018

Steven V. King
Executive Director and Secretary
Washington Utilities & Transportation Commission
1300 S. Evergreen Park Drive S. W.
P.O. Box 47250
Olympia, Washington 98504-7250

Re: Docket No. UE-160082 – Avista Utilities Quarterly Report on Electric Vehicle Supply Equipment Pilot Program

Dear Mr. King,

On April 28, 2016 the Commission issued Order 01 in Docket UE-160882 approving Avista Corporation's, dba Avista Utilities (Avista or Company) tariff Schedule 77 for its Electric Vehicle Supply Equipment (EVSE) Pilot Program (Program). Within the Order the Commission required Avista to submit quarterly reports on the status of the program beginning on August 1, 2016 and ending on August 1, 2018. The quarterly reports must include the following:

1. For DC Fast Charging stations, Avista shall report the locations and utilization of stations, review and revise the DC fast charging rate, and assess the amount of overall fixed and variable costs recovered through user payments and report its findings to the Commission quarterly, beginning August 1, 2016.
2. For all other services offered under the Electric Vehicle Supply Equipment Pilot Program, Avista shall report participation levels, expenditures, and revenues for each service offered for the duration of the program. We expect the Company to collect and report additional data necessary to provide enough information to accurately evaluate the program's success by August 1, 2018.

As described in Order 01, the effective date of tariff Schedule 77 was May 2, 2016. The term of the Program began with the first residential EVSE installation on July 20, 2016.

On December 14, 2017, Avista submitted proposed revisions to its tariff Schedule 77 in the above referenced docket, to extend the installation period of the Program, with additional port

installations, through June 30, 2019. Included with the proposed revisions was a revised reporting schedule, such that, the Company would provide full length reports semi-annually with interim updates quarterly in between. This report is intended to be an interim update, while meeting the requirements set forth in Order No. 01. The next full length report will be filed on May 1, 2018.

As of January 23, 2018, the number of applications and installations for the various EVSE categories are as follows:

Table No. 1 – Current Installation Status

	2-Year Goal of Port Installations	# Ports Installed	# Ports Scheduled for Installation	# Ports Remaining
Residential SFH¹	120	115	5	0
Workplace\Fleet\MUD²	100	53	3	46
Public	45	22	9	14
DC Fast Chargers (DCFC)	7	4	1	2

Other high-level statistics on charging behaviors and results are shown in Table No. 2 below.

Table No. 2 – Charging Statistics

Daily Avg. No. of Charge Sessions	74
Daily Avg. kWh Consumed	629
Sessions Charged to Date	21,972
kWh Consumed to Date	164,904
Lbs. of CO ₂ Saved to Date	337,928
Gallons of Gasoline Saved to Date	17,250

DC Fast Charging (DCFC) Stations

Since the last quarterly report, DCFC stations were commissioned in Pullman on December 15, 2017 and most recently in Liberty Lake on Jan 12, 2018, bringing the total to four DCFC stations now in service. Utilization of the Pullman and Liberty Lake DCFC has been limited thus far and is expected to increase commensurate with greater public awareness. Construction for the DCFC station installation at a West Plains (just west of Spokane along Interstate-90) location is anticipated in the spring of 2018. Site selection for the remaining two DCFC stations is in progress and the Washington State Department of Transportation (WADOT) will be consulted to ensure alignment with statewide plans for DCFC build-out.

¹ Single Family Home

² Multi-Unit Dwelling

The following are the number of charging sessions by month for each of the DCFC stations commissioned:

Table No. 3 – Utilization of DCFC Stations by Month

Month	Rosalia	Kendall Yards	Pullman	Liberty Lake
Commissioned	01/18/2017	09/14/2017	12/15/2017	01/12/2018
Jan-2017	2	N/A	N/A	N/A
Feb-2017	3	N/A	N/A	N/A
Mar-2017	2	N/A	N/A	N/A
Apr-2017	0	N/A	N/A	N/A
May-2017	4	N/A	N/A	N/A
Jun-2017	5	N/A	N/A	N/A
Jul-2017	8	N/A	N/A	N/A
Aug-2017	8	N/A	N/A	N/A
Sep-2017	15	6	N/A	N/A
Oct-2017	5	6	N/A	N/A
Nov-2017	9	16	N/A	N/A
Dec-2017	2	8	0	N/A
Jan-2018	2	5	1	0
Total	110	41	1	N/A

In its proposal to extend the pilot program, the Company requested to change the rate structure for its DCFC stations from a time based rate (\$0.30 per minute) to an energy based rate (\$0.35 per kWh). Details about why the Company proposed this change and analysis on the rate of \$0.35 per kWh can be found in the Company’s filing made on December 14, 2017, found in Docket UE-160082.

Expenditures and Revenues

Expenditures through January 24, 2018 totaled \$1,619,142. A detailed breakdown is provided in Attachment A. Revenues to date are as follows, based on data from Greenlots’ SKY network:

Table No. 4 – Expenditures and Revenues

Type	Charging Sessions	kWh Consumed	Avg. kWh Consumed per Session	Rate	Revenue
Residential AC Level 2	18,479	130,734	7.1	\$0.09134/kWh	\$11,941
Commercial AC Level 2	3,341	32,767	9.8	\$0.1162/kWh	\$3,808
DC Fast Charging	152	1,403	7.8	\$0.30/minute	\$749
Total	21,972	164,904	-	-	\$16,498

Please direct any questions regarding this report to Rendall Farley at 509-495-2823, rendall.farley@avistacorp.com, or Shawn Bonfield at 509-495-2782, shawn.bonfield@avistacorp.com.

Sincerely,

/s/Linda Gervais

Sr. Manager, Regulatory Policy
Avista Utilities

Attachment A

Avista EVSE Pilot Program Expenditures through January 24, 2017

Expenditures include all costs incurred for both completed EVSE installations and installations in progress, as well as program administrative costs.

Expenditure Category / Type		CAP	OPER	Total
Residential Level 2 EVSE	Design & Installation	\$139,885	-	\$139,885
	Hardware	\$181,483	-	\$181,483
	Premises Wiring Reimbursements	-	\$76,755	\$76,755
	Total	\$321,368	\$76,755	\$398,123
Workplace-Fleet-MUD Level 2 EVSE	Design & Installation	\$141,893	-	\$141,893
	Hardware	\$165,551	-	\$165,551
	Maintenance & Repairs	-	\$626	\$626
	Premises Wiring Reimbursements	-	\$76,851	\$76,851
	Total	\$307,444	\$77,476	\$384,920
Public Level 2 EVSE	Design & Installation	\$81,963	-	\$81,963
	Hardware	\$96,031	-	\$96,031
	Maintenance & Repairs	-	\$77	\$77
	Premises Wiring Reimbursements	-	\$20,499	\$20,499
	Total	\$177,994	\$20,576	\$198,569
DC Fast Charging Stations	Design & Installation	\$210,023	-	\$210,023
	Hardware	\$170,371	-	\$170,371
	Maintenance & Repairs	-	\$43	\$43
	Meter Billing	-	\$1,914	\$1,914
	Total	\$380,394	\$1,957	\$382,351
Other Project Expenses	Communication and Advertising	-	\$17,553	\$17,553
	EVSE Network & Data Management	\$182,298	-	\$182,298
	Misc General Expenses/Incentives	-	\$15,702	\$15,702
	Project Management/A&G Salaries	-	\$39,626	\$39,626
	Total	\$182,298	\$72,882	\$255,180
Total	\$1,369,497	\$249,645	\$1,619,142	