

**Colorado VW Diesel Emission Mitigation Program
Semiannual Report**

Lead Agency	Colorado Department of Health and Environment		
Partner Agency	Regional Air Quality Council and Colorado Energy Office		
Eligible Mitigation Action	ZEV Supply Program		
Beneficiary Project ID	ZEV (9Z18D)		
Reporting Period	January – June 2019		

Agency Budget – Regional Air Quality Council						
Funding Request No.	Total Funds Obligated	Total Funds Expended to-date	Equipment Expenditure Obligated	Equipment Expenditure Billed to-date	Administrative Expenditure Obligated	Administrative Expenditure Billed to-date
Totals	\$10,299,203	\$392,795.7	\$9,275,000	\$249,329	\$1,024,203	\$143,466.7
Notes:						

Mitigation Action 9: Electric Vehicle Supply Equipment

This semiannual report documents the progress and implementation for installing Level 2 and DC Fast Charging (DCFC) stations throughout the state of Colorado. The first draw down of funds includes projects and administrative costs for community and corridor charging stations. Funds for the corridor charging stations are awarded through the program Alt Fuels Colorado, and awards for community charging stations are awarded through the program Charge Ahead Colorado.

Summary of Monthly Activities

- Funding rounds
 - CEO and RAQC closed its first funding round with VW requirements in June 2018. Award letters and purchase orders were issued in August and September 2018 after our contract with CDPHE was executed.
 - CEO and RAQC held its second funding round from October 1, 2018 – October 30, 2018. The evaluation committee met on November 13, 2018 and CEO issued award decision letters on November 30, 2018.
 - CEO and RAQC offered a funding round January – February 2019. The evaluation committee met in March 2019 to evaluate and award projects.
 - A June 2019 funding round was recently completed with awards anticipated to be made in late July.
 - A few minor modifications were made to the application materials and all of the updated documents are posted at <https://cleanairfleets.org/programs/charge-ahead-colorado>
 - Web updates
 - RAQC and CEO continue to update the website for each funding round at <https://cleanairfleets.org/programs/charge-ahead-colorado>
 - Outreach materials
- CEO has not developed any formal outreach materials. Previous materials are still located at <https://cleanairfleets.org/programs/charge-ahead-colorado>

Charge Ahead Colorado – community-based Level II and DC fast-charging stations

Station awards to date – VW Fund

Name	EVSE	Number	Award Total	Site Address	Estimated Completion Date
Greeley Nissan	DCFC	1	\$30,000	2625 35th Avenue in Greeley, Colorado, 80634	Project completed March 31, 2019.
Larimer County	L2	1	\$9,000	200 Peridot Avenue, Loveland, CO 80537	1/31/2019 – Project Completed.
Alpine Bank	25KW DCFC	1	\$9,000	1901 Pine Grove Road #101, Steamboat Springs, CO 80487	6/30/19 – Final Report currently under review by CEO staff.
	multiple				

	connection standard.					
CO State University	L2	2	\$18,000	Laurel Village, 900 West Plum Street, Fort Collins, Colorado 80523	1/31/2019 – Project Completed	
Feather Petroleum Company	DCFC/L2	1/1	\$39,000	Stop 'n Save, 723 Horizon Drive, Grand Junction, CO 81506	3/31/2019 – Project Completed	
Centerra Metropolitan District No. 1	L2	3	\$27,000	Parcel 206 Public Parking Lot, Lot 6, Block 1, Millennium NW 8th Subdivision, Amended Plat No. 1, Loveland, CO, 80538	1/31/2019 – Project completed	
Atlasta Solar Center	DCFC	1	\$30,000	South Central Portion of parking lot on the intersection of W. 3 rd St. and Palmer St., Delta, CO 81416	05/31/2019 – Project completed	
City of Salida	L2	3	\$27,000	Centennial Park, Holman Ave & Hwy 50, Salida, CO 81201; Public Parking Lot, 3rd Street between I Street, Salida, CO 81201; Riverside Park, 210 East Sackett Ave, Salida, CO 81201	04/30/2019 – Project Completed.	
Colorado Gators Reptile Park	L2	1	\$9,000	Colorado Gators, 9162 CR 9N, Mosca, CO 81146	6/30/19 Final Report currently under review by CEO staff.	
Purple Mountain Hospitality	L2	1	\$9,000	722 Country Dr., Woodland Park, CO 80863	6/30/19 Final Report currently under review by CEO staff.	
Ross Montessori School	L2	1	\$9,000	109 Lewies Lane, Carbondale, CO 81623	05/31/2019 – Project completed	
Springs Inn	L2	1	\$9,000	Springs Inn, 9856 Federal Drive, Colorado Springs, CO 80921	4/30/2019 Project completed.	
Town of Basalt	DCFC	1	\$30,000	101 Midland Avenue, Basalt, CO 81621	Amended to 7/31/19 due to weather and utility delays.	

Harmony 23	L2	3	\$27,000	The Wyatt Apartments, 4701 Strauss Cabin Rd, Fort Collins, CO 80528	6/30/19 Final Report currently under review by CEO staff.
Main Street Management	L2	2	\$18,000	Springhill Suites by Marriott, 236 Main Street, Grand Junction, CO 81501; Tru by Hilton, 243 Colorado Avenue, Grand Junction, CO 81501	05/31/2019 -- Project completed.
White River Electric Association	1 L2 1 DCFC	2	\$39,000	Bank of the San Juans, 5th & Market St (Hwy 13) Meeker, CO 81641	6/30/19 Final Report currently under review by CEO staff.
City of Woodland Park	L2	1	\$9,000	Bergstrom Park, 221 S Center Street, Woodland Park, CO 80866	6/30/19 Final Report currently under review by CEO staff.
Eagle County	DCFC	1	\$30,000	Eagle Park and Ride, 100 Fairgrounds Rd, Eagle, CO 81631	7/31/19 amended due to delays with the local utility.
Colorado State University	L2	3	\$27,000	Spruce Hall (South Mason and Old Main), Rockwell Hall (501 West Laurel St.), Semester at Sea (2243 Centre Ave), Fort Collins, CO 80523	7/31/19 amended due to procurement and invoicing delays with vendors.
The Smiley Building	L2	2	\$18,000	The Smiley Building, 1309 East 3 rd Ave, Durango, CO 81301	6/30/19 Final Report currently under review by CEO staff.
Walking Mountains Science Center	L2	1	\$9,000	Center for Sustainability, 318 Walking Mountains Lane, PO Box 9469, Avon, CO 81620	6/30/19 Final Report currently under review by CEO staff.
Atlasta Solar	L2 (25kW)	1	\$9,000	236 Maine Ave, Paonia, CO 81428	7/31/19 Amended due to delays with the town and utility.
Traer Creek Plaza	L2	2	\$18,000	Traer Creek Plaza, 0101 Fawcett Road, Avon, CO 81620	6/30/19 Final Report currently under review by CEO staff.
Timnath Trail	L2	2	\$18,000	Timnath Trail at Riverbend, 4801 Signal Tree Drive, Fort Collins, CO 80547	6/30/19 Final Report currently under review by CEO staff.

Gunnison County Electric Association	One L2.	3	\$9,000	L2: General Store, 204 9th St., Pitkin, CO 81241	6/30/19 Final Report currently under review by CEO staff.
Yampa Valley Electric Association	L2	2	\$18,000	VWEA Corporate Campus, 2211 Elk River Road, Steamboat Springs, CO 80487; VWEA Craig Campus, 3715 US-40, Craig, CO, 81625	6/30/19 Final Report currently under review by CEO staff.
First Southwest Bank	L2	1	\$9,000	720 Main Street, Alamosa, CO 81101	7/31/19 amended due to procurement delays.
Embassy Suites Hilton CO Springs	L2	1	\$9,000	7290 Commerce Center Drive, Colorado Springs, CO 80919	6/30/19 Final Report currently under review by CEO staff.

Station Completions Site Address

Name	EVSE	Number	Award Total	Site Address
Larimer County	L2	1	\$9,000	200 Peridot Avenue, Loveland, CO 80537
CO State University	L2	2	\$18,000	Laurel Village, 900 West Plum Street, Fort Collins, Colorado 80523
Centerra Metropolitan District No. 1	L2	3	\$27,000 \$24,328.69 was 80% of project costs	Parcel 206 Public Parking Lot, Lot 6, Block 1, Millennium NW 8th Subdivision, Amended Plat No. 1, Loveland, CO, 80538
Feather Petroleum Company	1 L2 1 DCFC	2	\$39,000	723 Horizon Drive, Grand Junction, CO 81506
Greeley Nissan	DCFC	1	\$30,000	2625 35th Avenue in Greeley, Colorado, 80634
City of Salida	L2	3	\$27,000	Centennial Park, Holman Ave & Hwy 50, Salida, CO 81201;

					Public Parking Lot, 3rd Street between I Street, Salida, CO 81201; Riverside Park, 210 East Sackett Ave, Salida, CO 81201
Springs Inn	L2	1	\$9,000		Springs Inn, 9856 Federal Drive, Colorado Springs, CO 80921
Atlasta Solar Center	DCFC	1	\$30,000		South Central Portion of parking lot on the intersection of W. 3 rd St. and Palmer St., Delta, CO 81416
Ross Montessori School	L2	1	\$9,000		109 Lewies Lane, Carbondale, CO 81623
Main Street Management	L2	2	\$18,000		Springhill Suites by Marriott, 236 Main Street, Grand Junction, CO 81501; Tru by Hilton, 243 Colorado Avenue, Grand Junction, CO 81501
Alpine Bank*	25kW DCFC multiple connection standard.	1	\$9,000		1901 Pine Grove Road #101, Steamboat Springs, CO 80487
Colorado Gators Reptile Park*	L2	1	\$9,000		Colorado Gators, 9162 CR 9N, Mosca, CO 81146
Purple Mountain Hospitality*	L2	1	\$9,000		722 Country Dr., Woodland Park, CO 80863
Harmony 23*	L2	3	\$27,000		The Wyatt Apartments, 4701 Strauss Cabin Rd, Fort Collins, CO 80528
White River Electric Association*	1 L2 1 DCFC	2	\$39,000		Bank of the San Juans, 5th & Market St (Hwy 13) Meeker, CO 81641
City of Woodland Park*	L2	1	\$9,000		Bergstrom Park, 221 S Center Street, Woodland Park, CO 80866

The Smiley Building*	L2	2	\$17,746.59	The Smiley Building, 1309 East 3 rd Ave, Durango, CO 81301
Walking Mountains Science Center*	L2	1	\$9,000	Center for Sustainability, 318 Walking Mountains Lane, PO Box 9469, Avon, CO 81620
Timnath Trail*	L2	2	\$18,000	Timnath Trail at Riverbend, 4801 Signal Tree Drive, Fort Collins, CO 80547
Gunnison County Electric Association*	One L2.	3	\$9,000	L2: General Store, 204 9th St., Pitkin, CO 81241
Yampa Valley Electric Association*	L2	2	\$18,000	YVEA Corporate Campus, 2211 Elk River Road, Steamboat Springs, CO 80487;
Embassy Suites Hilton CO Springs*	L2	1	\$9,000	YVEA Craig Campus, 3715 US-40, Craig, CO, 81625
Traer Creek Plaza	L2	2	\$18,000	7290 Commerce Center Drive, Colorado Springs, CO 80919
				Traer Creek Plaza, 0101 Fawcett Road, Avon, CO 81620

*Staff currently reviewing final reports

Awarded Projects to Date – Regional Air Quality Council					
Project Name	Equipment Type	Number	Total funds Budgeted	Total funds Expended	Status and Estimated Completion Date
Adams County	EVSE – L2	3	\$27,000		Stations awarded June 2018. Expected completion in 2019.
Boulder Valley School District	EVSE – L2	6	\$54,000		Stations awarded June 2018. Expected completion in 2019.
Catalyst RINO	EVSE – L2	2	\$18,000		Stations awarded June 2018. Expected reimbursement June 2019.

Colorado Dept. of Agriculture	EVSE – L2	2	\$18,000	\$18,000	Stations awarded in June 2018. Submitted for reimbursement May 2019.
EVO Rock	EVSE – L2	1	\$9,000	\$9,000	Stations awarded in June 2018. Submitted for reimbursement in January 2019.
Conscience Bay Company	EVSE – L2				Stations awarded in December 2018. Expected completion in 2019.
Jefferson County Facilities Management	EVSE – L2	2	\$18,000		Stations awarded in December 2018. Expected completion in 2019.
The Monroe Group	EVSE – L2	2	\$18,000		Stations awarded in December 2018. Expected completion in 2019.
Upslope Brewing	EVSE – L2	1	\$9,000	\$9,000	Stations awarded in December 2018. Submitted for reimbursement in May 2019.
Boulder Prep High School	EVSE – L2	1	\$9,000		Stations awarded in March 2019. Expected completion in 2019.
Captiva Investments II, LLC.	EVSE – L2	1	\$9,000		Stations awarded in March 2019. Expected completion in 2019.
City of Boulder	EVSE – L2	4	\$36,000		Stations awarded in March 2019. Expected completion in 2019.
City of Centennial	EVSE – L2	2	\$18,000		Stations awarded in March 2019. Expected completion in 2019.
City of Louisville	EVSE – L2	1	\$9,000		Stations awarded in March 2019. Expected completion in 2019.
Concentus Partners	EVSE – L2	1	\$9,000		Stations awarded in March 2019. Expected completion in 2019.
Keppel-KBS Westmoor Center	EVSE – L2	2	\$18,000		Stations awarded in March 2019. Expected completion in 2019.

The Nomad Condominium Assoc.	EVSE – L2	1	\$9,000		Stations awarded in March 2019. Expected completion in 2019.
Totals				\$36,000	

ALT Fuels Colorado – corridor-based DC fast-charging stations

Summary of Activities

- ALT Fuels Colorado Corridor Charging Stations - Awardee 2018
- CEO released the request for applications from April 10, 2018 – June 29, 2018.
- On November 29, 2018 the Colorado Energy Office (CEO) awarded ChargePoint \$10.3 million to install fast charging stations at 33 sites across six Colorado corridors. Fast-charging corridor incentives range from \$250,000 for 2-dispenser station to \$380,000 for 4-dispenser stations. In addition to funding allocated through the Trust funds, ALT Fuels Colorado is funded through Congestion Mitigation and Air Quality (CMAQ) funds.
- CEO awarded a \$10.33 million grant to ChargePoint to build 33 electric vehicle fast-charging stations across the state on November 26, 2018. Of the \$10.33 million in funds \$1,777,793 is from VW funds and \$8,552,207 is from Congestion Mitigation and Air Quality (CMAQ) funds. A press release was sent out on November 29, 2018. CEO is working with CDOT to determine the funding amount from CMAQ, which will inform the funding amount from VW. Press release can be found here: <https://www.colorado.gov/governor/news/gov-hickenlooper-and-colorado-energy-office-award-1033-million-grant-build-electric-vehicle>
- CEO is entered into a contract with ChargePoint in March of 2019. Additional details about the categories below will be provided upon contract execution.
 - Locations
 - Site host agreements
 - Site engineering
- Facilitated numerous meetings to review draft invoicing documents from ChargePoint, especially the Direct Labor/Fringe as well as travel approvals/documentation. CEO is proposing that we collect and review/approve travel documents after each trip, and labor/fringe forms monthly for each site (33 reports/month).
- Bi-Weekly check-in calls with the ChargePoint team began on April 25, 2019 and continue every two weeks. Key issues involving CEO's attention:

- ChargePoint, Tesla, and CEO agreed to work together to vet sites and site host agreements. When agreeable, both ChargePoint and Tesla stations may be co-located at a site.
- Continue to work on the Program FAQ. Currently with CEO's PIO for review and awaiting feedback.
- Fort Collins Utilities has proposed a \$159,419 capacity fee whereas the average cost across the country is about \$15,000. CEO and ChargePoint are setting up a meeting with the utility to explore what can be done to reduce this cost.
- Investigated grant competition requirements to inform FY20 goal to add a 34th site on I-76.

Station	City/Town	Tier	CEO Funds	RFA Cap	Budget from CMAQ (82.79%)	Budget from VW (80%)	Total VW funds expended	Status and Estimated Completion Date
A1	Dinosaur	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
A2	Craig	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
A3	Steamboat Springs	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
A4	Granby	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
A5	Estes Park	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
A6	Boulder	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
B1	Georgetown	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
B2	Golden	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020

B3	Westminster	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
B4	Frederick	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
B5	Fort Collins	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
C1	Burlington	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
C2	Limon	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
C3	Aurora	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
C4	Brighton	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
C5	Greeley	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
D1	Cortez	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
D2	Durango	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
D3	Pagosa Springs	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020

D4	Silverton	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
D5	Montrose	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
D6	Rifle	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
E1	Vail	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
E2	Fairplay	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
E3	Salida	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
E4	Gunnison	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
E5	Alamosa	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
F1	Conifer	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
F2	Castle Rock	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020
F3	Pueblo	1	\$380,000	80%	\$ 314,602.00	\$ 65,398.00	\$0	In progress- Estimated completion April 2020

F4	Canon City	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
F5	La Junta	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
F6	Lamar	2	\$250,000	90%	\$ 206,975.00	\$ 43,025.00	\$0	In progress- Estimated completion April 2020
		Total:	\$10,330,000		\$ 8,552,207.00	\$ 1,777,793.00	\$0	

Colorado will continue to monitor the progress of the installation of charging stations and make reimbursements when the projects are completed.

This information in this report is true and correct and submission is made under penalty of perjury.	
<i>Christine Hoefler</i>	<i>8/5/2019</i>
Colorado Department of Public Health & Environment Signature	Date
Christine Hoefler	

