

APPENDIX D-4
Beneficiary Eligible Mitigation Action Certification

BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary Colorado

Lead Agency Authorized to Act on Behalf of the Beneficiary Colorado Department of Public Health & Environment
(Any authorized person with delegation of such authority to direct the Trustee delivered to the Trustee pursuant to a Delegation of Authority and Certificate of Incumbency)

Action Title:	ZEV Supply Program
Beneficiary's Project ID:	ZEV 1 (9Z18D)
Funding Request No.	<i>(sequential)</i> 1
Request Type: (select one or more)	<input checked="" type="checkbox"/> Reimbursement <input type="checkbox"/> Advance <input type="checkbox"/> Other (specify): _____
Payment to be made to: (select one or more)	<input checked="" type="checkbox"/> Beneficiary <input type="checkbox"/> Other (specify): _____
Funding Request & Direction (Attachment A)	<input checked="" type="checkbox"/> Attached to this Certification <input type="checkbox"/> To be Provided Separately

SUMMARY

Eligible Mitigation Action	<input checked="" type="checkbox"/> Appendix D-2 item (specify): <u>Light Duty Zero Emission Vehicle Supply Equipment</u> <input type="checkbox"/> Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal): _____
Action Type	
Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1): See attached	
Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2): See attached	
Estimate of Anticipated NOx Reductions (5.2.3): See attached	
Identification of Governmental Entity Responsible for Reviewing and Auditing Expenditures of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1): See attached	
Describe how the Beneficiary will make documentation publicly available (5.2.7.2). See attached	
Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8). See attached	
Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9). See attached	

If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).
See attached

ATTACHMENTS
(CHECK BOX IF ATTACHED)

- Attachment A Funding Request and Direction.
- Attachment B Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).
- Attachment C Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).
- Attachment D Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6). [Attach only if project involves vendor expenditures exceeding \$25,000.]
- Attachment E DERA Option (5.2.12). [Attach only if using DERA option.]
- Attachment F Attachment specifying amount of requested funding to be debited against each beneficiary's allocation (5.2.13). [Attach only if this is a joint application involving multiple beneficiaries.]

CERTIFICATIONS

By submitting this application, the Lead Agency makes the following certifications:

1. This application is submitted on behalf of Beneficiary Colorado, and the person executing this certification has authority to make this certification on behalf of the Lead Agency and Beneficiary, pursuant to the Certification for Beneficiary Status filed with the Court.
2. Beneficiary requests and directs that the Trustee make the payments described in this application and Attachment A to this Form.
3. This application contains all information and certifications required by Paragraph 5.2 of the Trust Agreement, and the Trustee may rely on this application, Attachment A, and related certifications in making disbursements of trust funds for the aforementioned Project ID.
4. Any vendors were or will be selected in accordance with a jurisdiction's public contracting law as applicable. (5.2.5)
5. Beneficiary will maintain and make publicly available all documentation submitted in

support of this funding request and all records supporting all expenditures of eligible mitigation action funds subject to applicable laws governing the publication of confidential business information and personally identifiable information. (5.2.7.2)

DATED: 12/20/2018



Garry Kaufman
Director, Air Pollution Control Division

Colorado Department of Public Health & Environment

[LEAD AGENCY]

for

Colorado

[BENEFICIARY]

Summary

Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1):
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The state of Colorado's Beneficiary Mitigation Plan (BMP) describes how funding will be provided for certain eligible projects to reduce NOx emissions. Eligible projects in Colorado's BMP include installation of Light Duty Zero Emission Supply Equipment. Colorado intends to use the allowed 15%, or \$10.3 million, of its allocated trust monies toward funding installation of Zero Emission Vehicle (ZEV) supply equipment throughout the state. This D4 funding request is for Environmental Mitigation Action #9 for Light Duty Zero Emission Vehicle Supply Equipment and associated administrative costs.

Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):

To help improve air quality and encourage deployment of electric vehicles across the state of Colorado, the Regional Air Quality Council and the Colorado Energy Office will provide financial support for electric vehicle supply equipment through the Charge Ahead Colorado program and Alt Fuels Colorado. Through the Zero Emission Vehicle (ZEV) Supply Equipment Program, Colorado will use \$10.3 million of its allocated trust monies toward funding installation of ZEV supply equipment throughout the state. Funding will be available for both community-based charging stations and EV fast-charging corridor stations. Funding will be used to incentivize EV charging stations in cities and towns and at popular destination points such as ski resorts or national and state parks. Among other locations, EV charging stations will be installed in public parking garages, parking lots, multi-unit dwellings and workplaces. Funding may also be used by owners of multi-unit dwellings, parking garages, and public parking lots to offset the costs of service upgrades necessary to accommodate electric vehicle charging. The ZEV program is expected to fund 30-35 DC fast charging stations along the state's major corridors, 260-270 Level II community charging stations, and 15-20 community DC fast charging stations.

The installation of charging stations throughout Colorado will reduce range anxiety and promote the use of electric vehicles. The increased use of electric vehicles in Colorado will help reduce NOx emissions, VOCs, and greenhouse gasses associated with gasoline and diesel vehicles. The estimated emission reductions from the ZEV Supply Equipment Program are: NOx (15-20 tons/yr.), VOCs (19-20 tons/yr.), GHG (35,000-50,000 tons/yr.).
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Estimate of Anticipated NOx Reductions (5.2.3):
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It is estimated that this project will reduce NOx emissions by 15-20 tons/yr. This estimation is based upon the installment of 260-270 Level II community charging stations, 15-20 community DC fast charging stations, and 30-35 corridor DC fast charging stations. The estimates were prepared using the Greenhouse gases, Regulated Emissions, and Energy use in Transportation (GREET) model.
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Identification of Governmental Entity Responsible for Reviewing and Auditing Expenditures of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1):
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The Colorado Department of Public Health & Environment.

Describe how the Beneficiary will make documentation publicly available (5.2.7.2) :
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The Colorado Department of Public Health and Environment (CDPHE) has created a public website for information related to the Volkswagen settlement, which can be accessed at: <https://www.colorado.gov/cdphe/VW>. The website contains a description of the Trust Agreement, information about Colorado's implementation plan, and links to Trust documents. As of the date Colorado filed its Certification for Beneficiary Status, the website linked to the Trust Agreement, Certification for Beneficiary Status and Colorado's proposed Beneficiary Mitigation Plan. As Colorado prepares and submits the semiannual reports required by paragraph 5.3 of the Trust Agreement, CDPHE will either post documents to its website or maintain a link to other public-facing website that provide the documentation. Colorado follows the Colorado Open Records Act, §§ 24-72-200 et seq., C.R.S., (CORA), which governs the public disclosure of records held by Colorado state agencies. CORA requires the custodian to deny inspection of several categories of public records, including for certain confidential business information and personally identifiable information. Specifically, § 24-72-204 (3)(a)(IV), C.R.S. provides:

The custodian shall deny the right of inspection of the following records, unless otherwise provided by law; ... Trade secrets, privileged information, and confidential commercial, financial, geological, or geophysical data, including a social security number unless disclosure of the number is required, permitted, or authorized by state or federal law, furnished by or obtained from any person....

Any additional information not posted on the CDPHE website will be released pursuant to CORA.

The CDPHE website will be maintained and updated until the Trust's Termination Date or the date required by the Colorado Open Records Act or other applicable law, whichever is later. Records or documents may also be requested by emailing the CDPHE comments line at cdphe.commentsapcd@state.co.us

Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).

Colorado will provide up to \$9,000 for Level II community charging stations, and up to \$30,000 for community DC fast-charging stations. Funding for electric vehicle corridor DC fast-charging stations will range from \$220,000 for 2-dispenser stations up to \$380,000 for 4-dispenser stations per location.

Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9). :

On February 27, 2018 the Colorado Department of Public Health and Environment provided notice of availability of funds via email to Federal Agencies pursuant to Section 4.2.8 of the Trust Agreement.

If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10). :

This program will mitigate impacts of NOx emissions by placing ZEV supply equipment in areas that have historically borne a disproportionate share of air pollution.

Attachment B

Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures
Timeline

Project Management Plan

Project Schedule and Milestones – Charge Ahead Colorado (Community Charging)

Milestone	Date
Informational webinar for Charge Ahead Colorado Grant Application	May 2018
Charge Ahead Colorado request for application announcement-charging stations	May 2018, October 2018, January 2019
Solicitation for applications project round closes	June 2018, October 2018, February 2019
Technical Advisory Committee application review	August 2018, November 2018, March 2019
Project contractor awards funding to eligible entities	August 2018, November 2019, March 2019
Project partners enters into Contract / Purchase Order with sub awardee	September 2018, December 2018, April 2019
Charging station installed and awardee submits documentation of invoicing and other documents for reimbursement for project partner.	Monthly December 2018 – June 2019
Project partner submit D4 and invoicing, emission reductions estimates to CDPHE for reimbursement.	Monthly December 2018 – June 2019
Trust acknowledges receipt of Direction for Payment and reimbursement	Within 60 days of submittal of D4
CDPHE directs funding to project partners and project partners reimburse sub awardee	Monthly December 2018-June 2019
CDPHE reports to Trust on status of projects every six months after first disbursement of funds; semiannual reporting.	January 30 and July 30 after first disbursement of funds.

Project Schedule and Milestones – ALT Fuels Colorado Electric Vehicle Direct Current Fast-Charging Corridors Grant Program

Milestone	Date
RFA Release	April 2018
RFA Q&A	May 2018
Applications Due	June 2018
Application Review	July – August 2018
Issue Award Decisions	September 2018
Contract Negotiation and Execution with Awardees	September – December 2018
Station Construction and rolling project reimbursement	January 2019 – December 2019
Project partner submit D4 and invoicing, emission reductions estimates to CDPHE for reimbursement.	January 2019-December 2019
Trust acknowledges receipt of Direction for Payment and reimbursement	Within 60 days of submittal of D4
CDPHE directs funding to project partners and project partners reimburse sub awardee	January 2019-December 2019
CDPHE reports to Trust on status of projects every six months after first disbursement of funds; semiannual reporting.	January 30 and July 30 after first disbursement of funds.

Budget Narrative:

The Colorado Department of Public Health and Environment has contracted with the Colorado Energy Office and the Regional Air Quality Council to use existing programs to distribute the settlement funds. The existing programs have been modified to fulfill the goals and requirements of the Trust. Administrative costs for operating these programs cover the costs of program outreach, soliciting and reviewing project applications, verifying project completion, training, accounting, audits, legal compliance, recordkeeping, reporting and related costs. The administrative costs are used for employees administering Alt Fuels Colorado, Charge Ahead Colorado and outreach for these programs. Of the \$10.3 million allocated to the ZEV Supply Equipment Program, Colorado has estimated it will use less than 15% for administrative costs. The tables below are estimates of project costs and administrative costs for a five year time frame. Administrative cost estimates are based on the historical costs of administering Alt Fuels Colorado, Charge Ahead Colorado. Administrative costs are estimates and subject to change, but will be kept under 15% as allowed by the trust.

Total Estimate of Administrative Costs for the ZEV Supply Equipment Program

<u>Line Item</u>	<u>Year 2018-2023</u>
CEO- Charge Ahead Colorado/AFC Corridors – Administrative	\$430,250
RAQC- Charge Ahead Colorado	\$402,500
CDPHE Admin *	\$191,453
Total Administrative Costs	\$1,024,203

*Includes indirect cost

Total Equipment Cost Estimate for 5 years

<u>Line Item</u>	<u>Year 2018-2023</u>
Community Charging stations– Equipment Cost	\$2,925,000
Corridor Charging Stations – Equipment Costs	\$6,350,000
Total charging station costs	\$9,275,000

PROJECT BUDGET

Period of Performance: 2018-2023				
Budget Category	Total Approved Budget	Share of Total Budget to be Funded by the Trust	Cost-Share, if applicable (Entity #1)	Cost-Share, if applicable (Entity #2)
1. Equipment Expenditure	\$9,275,000	\$9,275,000	\$	\$
4. Administrative ¹	\$1,024,203	\$1,024,203	\$	\$
Project Totals	\$10,299,203	\$10,299,203	\$	\$
Percentage	100%	100%	\$	\$

¹ Subject to Appendix D-2 15% administrative cap.

The first draw down of funds for 2018 includes project and administrative costs for community and corridor charging stations. Funds for the corridor-based charging stations come from a combination of CMAQ funds (69.2%), VW settlement funds (14.4%), and project match (16.4%). For level community-based charging stations, VW settlement funds cover up to \$9,000 for a Level 2 station and \$30,000 for a DC fast-charging station. All community-based charging station grants will adhere to the match requirements outlined in the consent decree. This first funding request covers costs of \$1,261,293.00 for corridor-based charging stations and \$564,000 for community-based charging stations, plus \$204,543.43 for associated administrative costs for a total of \$2,029,836.43.

PROJECTED TRUST ALLOCATIONS:

	2018	2019	2020	2021	2022
1. Anticipated Annual Project Funding Request to be paid through the Trust (includes equipment and administrative costs)	\$2,029,836.43	\$903,188.50	\$5,521,117.57	\$903,188.50	\$941,871.50
2. Anticipated Annual Cost Share	\$12,177,392.21	\$3,549,000.00	\$26,410,035.00	\$3,549,000.00	\$3,740,500.00
3. Anticipated Total Project Funding by Year (line 1 plus line 2)	\$14,207,228.64	\$4,452,188.50	\$31,931,152.57	\$4,452,188.50	\$4,682,371.50
4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation	\$0	\$2,029,836.43	\$2,933,024.93	\$8,454,142.50	\$9,357,331.00
5. Current Beneficiary Project Funding to be paid through the Trust (line 1)	\$2,029,836.43	\$903,188.50	\$5,521,117.57	\$903,188.50	\$941,871.50
6. Total Funding Allocated to for Beneficiary, inclusive of Current Action by Year (line 4 plus line 5)	\$2,029,836.43	\$2,933,024.93	\$8,454,142.50	\$9,357,331.00	\$10,299,202.50
7. Beneficiary Share of Estimated Funds Remaining in Trust	\$68,739,918.33	\$66,710,081.90	\$65,806,893.40	\$60,285,775.83	\$59,382,587.33
8. Net Beneficiary Funds Remaining in Trust, net of cumulative Beneficiary Funding Actions (line 7 minus line 6)	\$66,710,081.90	\$63,777,056.97	\$57,352,750.90	\$50,928,444.83	\$49,083,384.83

Attachment C

Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11):

The Colorado Department of Public Health and Environment (CDPHE) will work with the Colorado Energy Office (CEO) and the RAQC (Regional Air Quality Council) to report on the implementation of charging stations in the state of Colorado. CDPHE has developed a specific webpage that will provide information on the application process and status of eligible mitigation actions under the VW Environmental Mitigation Trust Fund. Awarded projects will be posted as well as information of locations of installed public charging stations. Monthly usage data of charging stations will be collected and made available. CDPHE will submit reports every six months to meet the semiannual reporting requirements under 5.3 of the Trust agreement.

Attachment D

Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6).

Colorado will provide up to \$30,000 for community DC fast-charging stations. Funding for electric vehicle corridor DC fast-charging stations will range from \$220,000 for 2-dispenser stations up to \$380,000 for 4-dispenser stations per location. Funding for the corridor charging stations is combined with existing Congestion Mitigation and Air Quality Improvement (CMAQ) funding.

Corridor charging stations estimated costs include the equipment costs and the matched funds: See attached

Corridor A

Station	City/Town	Tier	Energy Office Funds	Match Share	Total
1	Dinosaur	2	\$ 250,000	\$ 32,281	\$ 282,281
2	Craig	2	\$ 250,000	\$ 32,281	\$ 282,281
3	Steamboat Springs	2	\$ 250,000	\$ 32,281	\$ 282,281
4	Granby	2	\$ 250,000	\$ 32,281	\$ 282,281
5	Estes Park	1	\$ 380,000	\$ 92,635	\$ 472,635
6	Boulder	1	\$ 380,000	\$ 92,635	\$ 472,635
Total			\$1,760,000	\$ 314,393	\$2,074,393
Match					15%

Tier 1 Site Budget

Description	Purpose	# Units	Unit Cost	Energy Office Funds	Match Share	Non-Eligible Costs	Total Eligible Costs
DC Fast Charger	Provides fast charging electricity for EV drivers	4	\$30,000	\$120,000	\$ -		\$120,000
Power Modules	Power electronics for AC to DC power conversion	10	\$10,000	\$100,000	\$ -		\$100,000
Power Blocks	Houses remote power electronics	2	\$22,000	\$44,000	\$ -		\$44,000
Full Service Warranty- Tier 1	5 year site full maintenance and warranty program for Tier 1 sites	1	\$86,340	\$86,340	\$ -		\$86,340
Utility Interconnection Equipment	Utility service modification	1	\$13,609	\$13,609	\$ -		\$13,609
Signage	EVCS awareness	4	\$200	\$800	\$ -		\$800
Charging Station Sales Tax	Charging equipment sales tax	various	various		\$21,120		\$21,120
Charging Station Shipping	Charging equipment shipping- Tier 1	1	\$940	\$ -	\$940		\$940
Installation Hard Costs	Concrete, conduit and other hard costs	1	n/a	\$ -	\$55,934		\$55,934
Installation Labor	Labor associated with site preparation and installation	1	n/a	\$ -	\$ -	\$53,646	\$53,646
Installation Design, Engineering, Permitting	Design, engineering, and permitting for sites	1	n/a	\$4,180	\$6,820		\$11,000
Direct Labor	ChargePoint project management	n/a	n/a	\$11,071	\$2,080		\$13,151
Fringe Benefits	ChargePoint fringe benefits	n/a	n/a	\$ -	\$2,603		\$2,603
Travel	ChargePoint travel to sites and communities	1	n/a	\$ -	\$3,138		\$3,138
Total				\$380,000	\$92,635	\$53,646	\$472,635
Match Share							20%

Tier 2 Site Budget

Description	Purpose	# Units	Unit Cost	Energy Office Funds	Match Share	Non-Eligible Costs	Total Eligible Costs
DC Fast Charger	Provides fast charging electricity for EV drivers	2	\$30,000	\$ 60,000	\$ -		\$ 60,000
Power Modules	Power electronics for AC to DC power conversion	5	\$10,000	\$ 50,000	\$ -		\$ 50,000
Power Blocks	Houses remote power electronics	1	\$22,000	\$ 22,000	\$ -		\$ 22,000
Full Service Warranty- Tier 1	5 year site full maintenance and warranty program for Tier 2 sites	1	\$43,170	\$ 43,170	\$ -		\$ 43,170
Utility Interconnection Equipment	Utility service modification	1	\$13,279	\$ 13,279	\$ -		\$ 13,279
Signage	EVCS awareness	2	\$ 200	\$ 400	\$ -		\$ 400
Charging Station Sales Tax	Charging equipment sales tax	various	various		\$ 10,560		\$ 10,560
Charging Station Shipping	Charging equipment shipping- Tier 2	1	\$ 700		\$ 700		\$ 700
Installation Hard Costs	Concrete, conduit and other hard costs	1	n/a	\$ 39,080	\$13,200.00		\$ 52,280
Installation Labor	Labor associated with site preparation and installation	1	n/a		\$ -	\$ 22,720	\$ 22,720
Installation Design, Engineering, Permitting	Design, engineering, and permitting for sites	1	n/a	\$ 11,000			\$ 11,000
Direct Labor	ChargePoint project management	n/a	n/a	\$ 11,071	\$ 2,080		\$ 13,151
Fringe Benefits	ChargePoint fringe benefits	n/a	n/a	\$ -	\$ 2,603		\$ 2,603
Travel	ChargePoint travel to sites and communities	1	n/a	\$ -	\$ 3,138		\$ 3,138
Total				\$250,000	\$ 32,281	\$ 22,720	\$ 282,281
Match Share							11%

Corridor B

Station	City/Town	Tier	Energy Office Funds	Match Share	Total
1	Georgetown	1	\$ 380,000	\$ 92,635	\$ 472,635
2	Golden	1	\$ 380,000	\$ 92,635	\$ 472,635
3	Westminster	1	\$ 380,000	\$ 92,635	\$ 472,635
4	Frederick	1	\$ 380,000	\$ 92,635	\$ 472,635
5	Fort Collins	1	\$ 380,000	\$ 92,635	\$ 472,635
Total			\$1,900,000	\$ 463,174	\$2,363,174
Match					20%

Tier 1 Site Budget

Description	Purpose	# Units	Unit Cost	Energy Office Funds	Match Share	Non-Eligible Costs	Total Eligible Costs
DC Fast Charger	Provides fast charging electricity for EV drivers	4	\$30,000	\$120,000	\$ -		\$120,000
Power Modules	Power electronics for AC to DC power conversion	10	\$10,000	\$100,000	\$ -		\$100,000
Power Blocks	Houses remote power electronics	2	\$22,000	\$44,000	\$ -		\$44,000
Full Service Warranty- Tier 1	5 year site full maintenance and warranty program for Tier 1 sites	1	\$86,340	\$86,340	\$ -		\$86,340
Utility Interconnection Equipment	Utility service modification	1	\$13,609	\$13,609	\$ -		\$13,609
Signage	EVCS awareness	4	\$200	\$800	\$ -		\$800
Charging Station Sales Tax	Charging equipment sales tax	various	various	\$21,120	\$ -		\$21,120
Charging Station Shipping	Charging equipment shipping- Tier 1	1	\$940	\$ -	\$940		\$940
Installation Hard Costs	Concrete, conduit and other hard costs	1	n/a	\$ -	\$55,934		\$55,934
Installation Labor	Labor associated with site preparation and installation	1	n/a	\$ -	\$ -	\$53,646	\$53,646
Installation Design, Engineering, Permitting	Design, engineering, and permitting for sites	1	n/a	\$4,180	\$6,820		\$11,000
Direct Labor	ChargePoint project management	n/a	n/a	\$11,071	\$2,080		\$13,151
Fringe Benefits	ChargePoint fringe benefits	n/a	n/a	\$ -	\$2,603		\$2,603
Travel	ChargePoint travel to sites and communities	1	n/a	\$ -	\$3,138		\$3,138
Total				\$380,000	\$92,635	\$53,646	\$472,635
Match Share							20%

Corridor C

Station	City/Town	Tier	Energy Office Funds	Match Share	Total
1	Burlington	1	\$ 380,000	\$ 92,635	\$ 472,635
2	Limon	1	\$ 380,000	\$ 92,635	\$ 472,635
3	Aurora	1	\$ 380,000	\$ 92,635	\$ 472,635
4	Brighton	1	\$ 380,000	\$ 92,635	\$ 472,635
5	Greeley	1	\$ 380,000	\$ 92,635	\$ 472,635
Total			\$1,900,000	\$ 463,174	\$2,363,174
Match					20%

Tier 1 Site Budget

Description	Purpose	# Units	Unit Cost	Energy Office Funds	Match Share	Non-Eligible Costs	Total Eligible Costs
DC Fast Charger	Provides fast charging electricity for EV drivers	4	\$30,000	\$120,000	\$ -		\$120,000
Power Modules	Power electronics for AC to DC power conversion	10	\$10,000	\$100,000	\$ -		\$100,000
Power Blocks	Houses remote power electronics	2	\$22,000	\$ 44,000	\$ -		\$ 44,000
Full Service Warranty- Tier 1	5 year site full maintenance and warranty program for Tier 1 sites	1	\$86,340	\$ 86,340	\$ -		\$ 86,340
Utility Interconnection Equipment	Utility service modification	1	\$13,609	\$ 13,609	\$ -		\$ 13,609
Signage	EVCS awareness	4	\$ 200	\$ 800	\$ -		\$ 800
Charging Station Sales Tax	Charging equipment sales tax	various	various		\$ 21,120		\$ 21,120
Charging Station Shipping	Charging equipment shipping- Tier 1	1	\$ 940		\$ 940		\$ 940
Installation Hard Costs	Concrete, conduit and other hard costs	1	n/a	\$ -	\$ 55,934		\$ 55,934
Installation Labor	Labor associated with site preparation and installation	1	n/a	\$ -	\$ -	\$ 53,646	\$ 53,646
Installation Design, Engineering, Permitting	Design, engineering, and permitting for sites	1	n/a	\$ 4,180	\$ 6,820		\$ 11,000
Direct Labor	ChargePoint project management	n/a	n/a	\$ 11,071	\$ 2,080		\$ 13,151
Fringe Benefits	ChargePoint fringe benefits	n/a	n/a	\$ -	\$ 2,603		\$ 2,603
Travel	ChargePoint travel to sites and communities	1	n/a	\$ -	\$ 3,138		\$ 3,138
Total				\$380,000	\$ 92,635	\$ 53,646	\$472,635
Match Share							20%

Corridor D

Station	City/Town	Tier	Energy Office Funds	Match Share	Total
1	Cortez	2	\$ 250,000	\$ 32,281	\$ 282,281
2	Durango	2	\$ 250,000	\$ 32,281	\$ 282,281
3	Pagosa Springs	2	\$ 250,000	\$ 32,281	\$ 282,281
4	Silverton	2	\$ 250,000	\$ 32,281	\$ 282,281
5	Montrose	2	\$ 250,000	\$ 32,281	\$ 282,281
6	Rifle	1	\$ 380,000	\$ 92,635	\$ 472,635
Total			\$1,630,000	\$ 254,039	\$1,884,039
Match					13%

Tier 1 Site Budget

Description	Purpose	# Units	Unit Cost	Energy Office Funds	Match Share	Non-Eligible Costs	Total Eligible Costs
DC Fast Charger	Provides fast charging electricity for EV drivers	4	\$30,000	\$120,000	\$ -		\$120,000
Power Modules	Power electronics for AC to DC power conversion	10	\$10,000	\$100,000	\$ -		\$100,000
Power Blocks	Houses remote power electronics	2	\$22,000	\$44,000	\$ -		\$44,000
Full Service Warranty- Tier 1	5 year site full maintenance and warranty program for Tier 1 sites	1	\$86,340	\$86,340	\$ -		\$86,340
Utility Interconnection Equipment	Utility service modification	1	\$13,609	\$13,609	\$ -		\$13,609
Signage	EVCS awareness	4	\$200	\$800	\$ -		\$800
Charging Station Sales Tax	Charging equipment sales tax	various			\$21,120		\$21,120
Charging Station Shipping	Charging equipment shipping- Tier 1	1	\$940		\$940		\$940
Installation Hard Costs	Concrete, conduit and other hard costs	1	n/a	\$ -	\$55,934		\$55,934
Installation Labor	Labor associated with site preparation and installation	1	n/a		\$ -	\$53,646	\$53,646
Installation Design, Engineering, Permitting	Design, engineering, and permitting for sites	1	n/a	\$4,180	\$6,820		\$11,000
Direct Labor	ChargePoint project management	n/a	n/a	\$11,071	\$2,080		\$13,151
Fringe Benefits	ChargePoint fringe benefits	n/a	n/a	\$ -	\$2,603		\$2,603
Travel	ChargePoint travel to sites and communities	1	n/a	\$ -	\$3,138		\$3,138
Total				\$380,000	\$92,635	\$53,646	\$472,635
Match Share							20%

Tier 2 Site Budget

Description	Purpose	# Units	Unit Cost	Energy Office Funds	Match Share	Non-Eligible Costs	Total Eligible Costs
DC Fast Charger	Provides fast charging electricity for EV drivers	2	\$30,000	\$ 60,000	\$ -		\$ 60,000
Power Modules	Power electronics for AC to DC power conversion	5	\$10,000	\$ 50,000	\$ -		\$ 50,000
Power Blocks	Houses remote power electronics	1	\$22,000	\$ 22,000	\$ -		\$ 22,000
Full Service Warranty- Tier 1	5 year site full maintenance and warranty program for Tier 2 sites	1	\$43,170	\$ 43,170	\$ -		\$ 43,170
Utility Interconnection Equipment	Utility service modification	1	\$13,279	\$ 13,279	\$ -		\$ 13,279
Signage	EVCS awareness	2	\$ 200	\$ 400	\$ -		\$ 400
Charging Station Sales Tax	Charging equipment sales tax	various	various		\$ 10,560		\$ 10,560
Charging Station Shipping	Charging equipment shipping- Tier 2	1	\$ 700		\$ 700		\$ 700
Installation Hard Costs	Concrete, conduit and other hard costs	1	n/a	\$ 39,080	\$13,200.00		\$ 52,280
Installation Labor	Labor associated with site preparation and installation	1	n/a		\$ -	\$ 22,720	\$ -
Installation Design, Engineering, Permitting	Design, engineering, and permitting for sites	1	n/a	\$ 11,000			\$ 11,000
Direct Labor	ChargePoint project management	n/a	n/a	\$ 11,071	\$ 2,080		\$ 13,151
Fringe Benefits	ChargePoint fringe benefits	n/a	n/a	\$ -	\$ 2,603		\$ 2,603
Travel	ChargePoint travel to sites and communities	1	n/a	\$ -	\$ 3,138		\$ 3,138
Total				\$250,000	\$ 32,281	\$ 22,720	\$282,281
Match Share							11%

Corridor E

Station	City/Town	Tier	Energy Office Funds	Match Share	Total
1	Vail	1	\$ 380,000	\$ 92,635	\$ 472,635
2	Fairplay	2	\$ 250,000	\$ 32,281	\$ 282,281
3	Salida	2	\$ 250,000	\$ 32,281	\$ 282,281
4	Gunnison	2	\$ 250,000	\$ 32,281	\$ 282,281
5	Alamosa	2	\$ 250,000	\$ 32,281	\$ 282,281
Total			\$1,380,000	\$ 221,758	\$1,601,758
Match					14%

Tier 1 Site Budget

Description	Purpose	# Units	Unit Cost	Energy Office Funds	Match Share	Non-Eligible Costs	Total Eligible Costs
DC Fast Charger	Provides fast charging electricity for EV drivers	4	\$30,000	\$120,000	\$ -		\$120,000
Power Modules	Power electronics for AC to DC power conversion	10	\$10,000	\$100,000	\$ -		\$100,000
Power Blocks	Houses remote power electronics	2	\$22,000	\$44,000	\$ -		\$44,000
Full Service Warranty- Tier 1	5 year site full maintenance and warranty program for Tier 1 sites	1	\$86,340	\$86,340	\$ -		\$86,340
Utility Interconnection Equipment	Utility service modification	1	\$13,609	\$13,609	\$ -		\$13,609
Signage	EVCS awareness	4	\$200	\$800	\$ -		\$800
Charging Station Sales Tax	Charging equipment sales tax	various	various		\$21,120		\$21,120
Charging Station Shipping	Charging equipment shipping- Tier 1	1	\$940		\$940		\$940
Installation Hard Costs	Concrete, conduit and other hard costs	1	n/a	\$ -	\$55,934		\$55,934
Installation Labor	Labor associated with site preparation and installation	1	n/a		\$ -	\$53,646	\$53,646
Installation Design, Engineering, Permitting	Design, engineering, and permitting for sites	1	n/a	\$4,180	\$6,820		\$11,000
Direct Labor	ChargePoint project management	n/a	n/a	\$11,071	\$2,080		\$13,151
Fringe Benefits	ChargePoint fringe benefits	n/a	n/a	\$ -	\$2,603		\$2,603
Travel	ChargePoint travel to sites and communities	1	n/a	\$ -	\$3,138		\$3,138
Total				\$380,000	\$92,635	\$53,646	\$472,635
Match Share							20%

Tier 2 Site Budget		# Units	Unit Cost	Energy Office Funds	Match Share	Non-Eligible Costs	Total Eligible Costs
Description	Purpose						
DC Fast Charger	Provides fast charging electricity for EV drivers	2	\$30,000	\$60,000	\$-		\$60,000
Power Modules	Power electronics for AC to DC power conversion	5	\$10,000	\$50,000	\$-		\$50,000
Power Blocks	Houses remote power electronics	1	\$22,000	\$22,000	\$-		\$22,000
Full Service Warranty- Tier 1	5 year site full maintenance and warranty program for Tier 2 sites	1	\$43,170	\$43,170	\$-		\$43,170
Utility Interconnection Equipment	Utility service modification	1	\$13,279	\$13,279	\$-		\$13,279
Signage	EVCS awareness	2	\$200	\$400	\$-		\$400
Charging Station Sales Tax	Charging equipment sales tax	various	various		\$10,560		\$10,560
Charging Station Shipping	Charging equipment shipping- Tier 2	1	\$700		\$700		\$700
Installation Hard Costs	Concrete, conduit and other hard costs	1	n/a	\$39,080	\$13,200.00		\$52,280
Installation Labor	Labor associated with site preparation and installation	1	n/a		\$-	\$22,720	\$-
Installation Design, Engineering, Permitting	Design, engineering, and permitting for sites	1	n/a	\$11,000			\$11,000
Direct Labor	ChargePoint project management	n/a	n/a	\$11,071	\$2,080		\$13,151
Fringe Benefits	ChargePoint fringe benefits	n/a	n/a	\$-	\$2,603		\$2,603
Travel	ChargePoint travel to sites and communities	1	n/a	\$-	\$3,138		\$3,138
Total				\$250,000	\$32,281	\$22,720	\$282,281
Match Share							11%

Corridor F

Station	City/Town	Tier	Energy Office Funds	Match Share	Total
1	Conifer	2	\$ 250,000	\$ 32,281	\$ 282,281
2	Castle Rock	1	\$ 380,000	\$ 92,635	\$ 472,635
3	Pueblo	1	\$ 380,000	\$ 92,635	\$ 472,635
4	Canon City	2	\$ 250,000	\$ 32,281	\$ 282,281
5	La Junta	2	\$ 250,000	\$ 32,281	\$ 282,281
6	Lamar	2	\$ 250,000	\$ 32,281	\$ 282,281
Total			\$1,760,000	\$ 314,393	\$2,074,393
Match					15%

Tier 1 Site Budget

Description	Purpose	# Units	Unit Cost	Energy Office Funds	Match Share	Non-Eligible Costs	Total Eligible Costs
DC Fast Charger	Provides fast charging electricity for EV drivers	4	\$30,000	\$120,000	\$ -		\$120,000
Power Modules	Power electronics for AC to DC power conversion	10	\$10,000	\$100,000	\$ -		\$100,000
Power Blocks	Houses remote power electronics	2	\$22,000	\$44,000	\$ -		\$44,000
Full Service Warranty- Tier 1	5 year site full maintenance and warranty program for Tier 1 sites	1	\$86,340	\$86,340	\$ -		\$86,340
Utility Interconnection Equipment	Utility service modification	1	\$13,609	\$13,609	\$ -		\$13,609
Signage	EVCS awareness	4	\$200	\$800	\$ -		\$800
Charging Station Sales Tax	Charging equipment sales tax	various	various		\$21,120		\$21,120
Charging Station Shipping	Charging equipment shipping- Tier 1	1	\$940		\$940		\$940
Installation Hard Costs	Concrete, conduit and other hard costs	1	n/a	\$ -	\$55,934		\$55,934
Installation Labor	Labor associated with site preparation and installation	1	n/a		\$ -	\$53,646	\$53,646
Installation Design, Engineering, Permitting	Design, engineering, and permitting for sites	1	n/a	\$4,180	\$6,820		\$11,000
Direct Labor	ChargePoint project management	n/a	n/a	\$11,071	\$2,080		\$13,151
Fringe Benefits	ChargePoint fringe benefits	n/a	n/a	\$ -	\$2,603		\$2,603
Travel	ChargePoint travel to sites and communities	1	n/a	\$ -	\$3,138		\$3,138
Total				\$380,000	\$92,635	\$53,646	\$472,635
Match Share							20%

Tier 2 Site Budget

Description	Purpose	# Units	Unit Cost	Energy Office Funds	Match Share	Non-Eligible Costs	Total Eligible Costs
DC Fast Charger	Provides fast charging electricity for EV drivers	2	\$30,000	\$ 60,000	\$ -		\$ 60,000
Power Modules	Power electronics for AC to DC power conversion	5	\$10,000	\$ 50,000	\$ -		\$ 50,000
Power Blocks	Houses remote power electronics	1	\$22,000	\$ 22,000	\$ -		\$ 22,000
Full Service Warranty- Tier 1	5 year site full maintenance and warranty program for Tier 2 sites	1	\$43,170	\$ 43,170	\$ -		\$ 43,170
Utility Interconnection Equipment	Utility service modification	1	\$13,279	\$ 13,279	\$ -		\$ 13,279
Signage	EVCS awareness	2	\$ 200	\$ 400	\$ -		\$ 400
Charging Station Sales Tax	Charging equipment sales tax	various	various		\$ 10,560		\$ 10,560
Charging Station Shipping	Charging equipment shipping- Tier 2	1	\$ 700		\$ 700		\$ 700
Installation Hard Costs	Concrete, conduit and other hard costs	1	n/a	\$ 39,080	\$13,200.00		\$ 52,280
Installation Labor	Labor associated with site preparation and installation	1	n/a		\$ -	\$ 22,720	\$ -
Installation Design, Engineering, Permitting	Design, engineering, and permitting for sites	1	n/a	\$ 11,000			\$ 11,000
Direct Labor	ChargePoint project management	n/a	n/a	\$ 11,071	\$ 2,080		\$ 13,151
Fringe Benefits	ChargePoint fringe benefits	n/a	n/a	\$ -	\$ 2,603		\$ 2,603
Travel	ChargePoint travel to sites and communities	1	n/a	\$ -	\$ 3,138		\$ 3,138
Total				\$250,000	\$ 32,281	\$ 22,720	\$282,281
Match Share							11%

