



State of Utah VW Settlement 2018 Electric Vehicle Charging Infrastructure Grant Application

Entity Name:			
Contact Person:			
Phone Number:	Office:	Cell:	
Address:	Street:		
	City:	State:	Zip Code:
Email:			
Requested Grant Amount:	\$		
Date Submitted:			

INTRODUCTION

The Utah Division of Air Quality (DAQ), a division within the Utah Department of Environmental Quality (DEQ), is soliciting applications from government entities¹ for light-duty, electric-vehicle supply equipment (EVSE) projects in an effort to mitigate the excess nitrogen oxides (NOx) emissions resulting from Volkswagen Companies'² (VW) admitted violations of the Clean Air Act.

HOW TO APPLY

Step 1: Complete this application and provide all supplemental documents listed on the supplemental document checklist. Please complete the application, answering all fields in the application form as thoroughly as possible. The application and supplemental material will assist DEQ in evaluating the project. DEQ may contact you for further information, so please provide current contact information. Incomplete applications will not be reviewed.

¹ "Governmental entity" means the state and its political subdivisions. "Political subdivision" means any county, city, town, school district, community reinvestment agency, special improvement or taxing district, local district, special service district, an entity created by an interlocal agreement adopted under [Title 11, Chapter 13, Interlocal Cooperation Act](#), or other governmental subdivision or public corporation.

² Volkswagen AG, Audi AG, Volkswagen Group of America, Inc., Volkswagen Group of America Chattanooga Operations, LLC, Dr. Ing. H.c. F. Porsche AG and Porsche Cars North America, Inc. (collectively "Volkswagen Companies").

Step 2: Submit the completed application form and required attachments via email to vw@utah.gov by 5:00 p.m. November 30, 2018.

Required Attachments:

- **Cost-Share Commitment Letter:** If applicable, a cost-share commitment letter is required from each source of funding for the project. The letter must specify the budget year in which the cost-share funding will be available. The cost-share commitment letter shall be signed by an individual legally authorized to commit funds on behalf of the governmental entity. If the requesting organization is a school, a cost-share commitment letter must be signed by the district superintendent or college/university president.
- **Site Photos:** Photos of proposed project site and/or locations with captions. Provide a clear aerial image identifying the proposed location and distance from major traffic corridors and other businesses.
- **Electric Utility Provider Site Evaluation:** A signed and dated statement from the electric utility provider certifying that it has reviewed your EVSE project and there is sufficient electrical load to support the proposed charging equipment³.
- **Site Approval Agreement:** Documentation from the facility management agency that: 1) certifies an authorized representative is aware of the project and agrees that the project is feasible; 2) an electrical panel capacity review has been completed; 3) provides detail as to whether any system upgrades are necessary to support the proposed project, and if so, includes the required upgrades; and 4) will operate and maintain the EVSE for a minimum of 5 years.
- **Vendor Bid(s):** A formal bid prepared by a qualified vendor that includes, at a minimum, the EVSE cost, installation cost, electrical system upgrades, operation and maintenance (O and M) costs, and dates in which the bid is valid. The following vendors are currently on the State of Utah Approved Vendor List:
 - Lillypad EV LLC (Contract #AR2840) Keith Anderson 913-269-2453 email keith.anderson@lilypadev.com
 - National Car Charging LLC (Contact #AR2841) Jim Burness 303-437-4947 email jburness@nationalcarcharging.com
 - The Electric Highway Co (Contract #AR2839) Todd Ritter 801-881-7610 email toddr@electrichighwy.com
 - Verdek LLC (Contract #AR2842) Kathy Pitts 720-663-1396 or Guy Mannino 203-401-6477 email kpitts@verdek.com
 - Video Voice Data Communications (Contract #AR2843) Marc Sobelman 602-819-3505 email marc.sobelman@vvdcomm.net
- **Procurement Code Compliance:** Documentation that the governmental entity obtained the submitted vendor bid, whether a State of Utah Approved Vendor or other vendor, in compliance with the Utah Procurement Code, Utah Code Title 63G, Chapter 6a, and any local procurement rules.

³ Rocky Mountain Power customers should contact Shawn Grant at 801-220-4196 or shawn.grant@pacificcorp.com. Other customers should contact their electric utility provider.

Contact:

Questions about the funding award, the application, and the funding process should be directed to Mat Carlile at 801-536-4116 or vw@utah.gov.

ELIGIBILITY

Entities: Government entities¹ as defined in Utah Code § 63G-7-102(4) and federal government agencies.

Eligible Equipment: Light-duty EVSE including Level 1, Level 2, and fast charging equipment. Funds may be used by government entities to purchase, install, and maintain⁴ eligible light-duty EVSE on government-owned property.

Eligible Funding:

- Up to 100% of the cost to purchase, install, and maintain eligible light-duty, EVSE that will be available to the public at a government-owned property.
- Up to 60% of the cost to purchase, install, and maintain EVSE that is available at a workplace but not to the general public.

MINIMUM REQUIREMENTS

Each proposed project must meet the following minimum criteria:

- The facility where the light-duty EVSE is to be installed must be a government-owned property.
- Proposed projects must include proof that the electric utility provider and facility management agency has reviewed the project and determined that it is feasible to operate and maintain the proposed EVSE.

ADDITIONAL INFORMATION

- The DAQ may elect to partially fund projects.
- Successful applicants must agree to the terms of a separately executed VW Funding Agreement.
- Successful applicants will have up to three years after a VW Funding Agreement is executed to complete projects.

⁴ Maintenance costs can be included by purchasing an extended warranty through the EVSE manufacturer. VW funds may be used to purchase extended warranty coverage for up to five years.

CRITERIA/SCORING

Applications will be scored using the following criteria and point structure:

Cost-Per-Ton of NO_x Reductions: 50 points

The DAQ will calculate and evaluate costs-per-ton of NO_x reduced from EVSE projects by evaluating the EVSE's usage, charging capacity (range-per-hour), and the dollar amount of VW funds requested. This evaluation will account for how well the project is leveraged with other funding sources.

Location: 30 points

Projects will be evaluated based on the location of the proposed light-duty EVSE. Higher scores will be given for projects that benefit Utah's nonattainment areas.⁵ Proximity to businesses, major traffic corridors, and other existing or planned EVSE's will also be evaluated.

Community Benefits: 20 points

Other community benefits such as supporting large-scale, collaborative initiatives or emerging transportation solutions, and/or provide added environmental benefits will also be taken into consideration when evaluating projects.

⁵ Nonattainment designation is determined by the EPA when an area or areas within a state persistently exceed the National Ambient Air Quality Standards. The EPA has designated "nonattainment areas" for Particulate Matter having an aerodynamic diameter of 2.5 microns (µm) or less (PM_{2.5}) and ozone. The nonattainment areas in the State of Utah are Cache, portions of Box Elder, Davis, Duchesne, Salt Lake, portions of Tooele, Uintah, Utah, and portions of Weber counties.

Please provide an answer for each question. Incomplete applications will not be evaluated.

Project Summary

1) Provide a brief summary of the proposed EVSE project. Include a description of the location, goals, partners, how the project ties into the overall mission of your organization, and other relevant information about the project.

2) Provide a detailed timeline of the project from start to finish.

Cost per Ton NO_x Reductions (50 Points)

3) Fill out the table below for each proposed type of EVSE included in your project.

	Quantity	Hours/day	Days/year	Fee to users? (yes/no)
Level 1				
EVSE available to public (up to 100% funding)				
Workplace EVSE not available to public (up to 60% funding)				
Fleet EVSE not available to public (up to 60% funding)				
Level 2				
EVSE available to public (up to 100% funding)				
Workplace EVSE not available to public (up to 60% funding)				
Fleet EVSE not available to public (up to 60% funding)				
DC Fast Chargers				
Open to public (100% funding)				
Workplace not available to public (60% funding)				
Fleet EVSE not available to public (up to 60% funding)				
Totals				

4) If workplace EVSE is included in your project, how many EVs are currently at your proposed facility and what is your future demand?

5) Provide a description of how hours/day and future demand were determined.

6) What is the number of employees at the facility and the number of visitors on average per day?
Please enter average number in corresponding days.

	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
# of employees at facility							
# of visitors							

7) Please explain how you determined number of visitors per day.

Location (30 points)

8) Provide the address of where the EVSE project will be installed:

Address _____

City _____ Zip _____

9) Please provide any relevant information regarding proximity to other traffic corridors, businesses, etc.

10) Why is this location chosen?

Community Benefits (20 points)

11) Is this project part of a large-scale, collaborative initiative? If so, please provide a description of the initiative and how this project promotes and/or enhances the initiative.

12) Please describe any added environmental and/or community benefits of the proposed project.

Additional Information:

Budget

13) Using the table below, please provide a detailed budget for the proposed project.

Project Component	Description	VW's Share (\$)	Entity's Share (\$)	Other sources (\$)	Total Cost (\$)
Equipment	Level 1 Public place, workplace, or fleet, available to public (up to 100%)				
	Level 1 Workplace, not available to public (up to 60%)				
	Level 1 Fleet, not available to public (up to 60%)				
	Level 2 Public place, workplace, or fleet, available to public (up to 100%)				
	Level 2 Workplace, not available to public (up to 60%)				
	Level 2 Fleet, not available to public (up to 60%)				
	DC Fast Chargers Public place, workplace, or fleet, available to public (up to 100%)				
	DC Fast Chargers Workplace, not available to public (up to 60%)				
	DC Fast ChargersFleet, not available to public (up to 60%)				

Installation (labor, equipment, etc.)				
Electrical System Upgrades (if applicable)				
Warranty (or maintenance)				
Other EVSE components (such as cloud service, please itemize)				
Engineering and design costs (not yet incurred)				
Real estate purchase or rent, if applicable				
Capital costs (e.g. construction of buildings, parking facilities, etc.)				
General maintenance (e.g. maintenance other than EV charging equipment)				
Other (please itemize)				
Totals				

Total Eligible Project Costs	Amount of VW Settlement Funding Requested	VW Settlement Funding Requested as % of Total Eligible Project Costs
\$	\$	%

Anticipated Additional Project Funding			
Source	Amount	% of total project	Secured or Pending
	\$	%	
	\$	%	
Describe the status and timeline for any 'pending' funding sources			
Click here to enter text.			

14) Describe the financial structure of the project. Include who will pay for and own the project, who will receive the financial benefits, and who will pay for maintenance and repairs.

15) Describe efforts to ensure that the proposed budget represents the maximum value for the cost of the project. Explain any significant price deviations from industry norms and whether you received multiple bids from competitive contractors.

16) Identify potential challenges and risks to completing the project within budget and your strategy for mitigating those risks.

17) What operations and maintenance (O&M) activities are required over the project life? Describe the long-term O&M plan, including sources of funding to implement the plan.

Certification

I certify as if I signed my name that, under penalty of perjury:

- i. I am duly authorized to request VW eligible funding, as described in this application, on behalf of the named governmental entity and to submit all necessary information and documentation requested;
- ii. that the information I provided in this application and accompanying documents is true and correct, to the best of my knowledge;
- iii. that the entity named in this application is a governmental entity as defined in Utah Code § 63G-7-102(4);
- iv. I acknowledge on behalf of the named entity the requirements and conditions specified in this application;
- v. I acknowledge on behalf of the named entity that approved projects must meet all eligibility requirements listed in the Utah VW Environmental Mitigation Plan;
- vi. I acknowledge on behalf of the named entity that in order for the requested EVSE to be funded, the named entity must provide all required information and pre-approved projects are not guaranteed reimbursement unless the entity complies with all terms specified in a separately executed VW Funding Agreement, including accordance with the approved work plan and specified timeline;
- vii. I acknowledge on behalf of the named entity that the approved EVSE must be completed within three years after executing the VW Funding Agreement in order to be reimbursed;
- viii. I acknowledge on behalf of the named entity that upon notification of award, an individual authorized to execute the VW Funding Agreement must sign and return the agreement within thirty (30) calendar days upon notification of an award and if the Agreement is not signed and timely returned, the DEQ may terminate the award;
- ix. I acknowledge on behalf of the named entity that data gathered by EVSE will be made available to DEQ; and
- x. I acknowledge that any and all costs incurred to complete this application and meet the terms of the VW Funding Agreement, are the responsibility of the named entity.

Applicant Name (print)

Applicant Signature

Date

Applicant Title