



**Light-Duty Zero Emission Vehicle (ZEV) Supply Equipment:
Direct Current Fast Charge (DCFC) &
Hydrogen Dispensing Equipment**



Volkswagen Settlement

- Volkswagen (VW) entered into settlement agreements to resolve violations for vehicles that emitted nitrogen oxides (NO_x) above the federal standards.
- VW was required to pay approximately \$2.9 billion into the Environmental Mitigation Trust Agreement.
- VW was also required to pay \$2 billion to fund a nationwide ZEV Investment Plan.
- Texas received \$30.1 million of the \$2 billion for ZEV.



Grant Round

\$20.9 million in grants will be available statewide for the purchase and installation of:

- **DCFC light-duty electric vehicle supply equipment** in a public place, workplace, or multi-unit dwelling; and
- **Light-duty hydrogen fuel cell vehicle supply equipment** in a public place.



Eligible Applicants

- Eligible applicants include individuals, corporations, organizations, governments or governmental subdivisions or agencies, business trusts, partnerships, associations, or other legal entities eligible to conduct business in Texas.
- The applicant must be the entity that will purchase and own the equipment for the life of the grant.
 - The applicant may lease the equipment to another entity if the applicant maintains ownership of the equipment for the life of the grant.
- Applicants who do not own the site must have permission from the site owner to install and operate the equipment at the site for the life of the grant.



Selection Criteria

- Properly completed applications will be processed for approval in accordance with the eligibility and priority requirements specified in the program **Request for Grant Applications.**
- The application submission period will be divided into **two phases:**
 - **Phase No. 1: Priority Projects**
 - **Phase No. 2: Other Eligible Projects**



Phase No. 1: Priority Projects

Nov. 2, 2021, at 8:00 am CST – Dec. 2, 2021, at 5:00 pm CST

- TCEQ will only accept applications for projects that meet one of the following criteria.
 - DCFC light-duty electric vehicle supply equipment:
 - rated at a minimum of 150 kilowatts (kW) per unit; and
 - installed in a public place and within one-half (1/2) mile of an Interstate, U.S., or State Highway or emergency evacuation route.
 - Light-duty hydrogen fuel cell vehicle supply equipment installed in a public location with a demonstrated demand for hydrogen supply services (e.g., fleet agreement).



Phase No. 2: Other Eligible Projects

**Dec. 3, 2021, at 8:00 am CST – Jan. 3, 2022
at 5:00 pm CST**

- During **Phase No. 2**, all eligible project applications may be submitted.
 - DCFC light-duty electric vehicle supply equipment must be rated at a minimum 50 kilowatts (kW) per unit.
 - Grants available under **Phase No. 2** will be contingent on funds remaining after the completion of Phase No. 1.



Project Requirements

- **All DCFC light-duty electric vehicle supply equipment must:**
 - be compliant with the Americans with Disabilities Act recommended charge connect height of less than 48” and greater than 24”; and
 - connect to a network by wired ethernet, Wi-Fi, or cellular connection; and
 - use an Open Charge Point Interface (OCPI) protocol to allow subscribers of other electric vehicle charging system networks to access the charging station.



Project Requirements (cont.)

- **A DCFC application must include:**
 - At least one Charge de Move (CHAdeMO) connector and one Society of Automotive Engineers Combined Charging System (SAE CCS) charging protocol connector; or
 - If alternative connectors will be included in an application, there must be at least one CHAdeMO and/or SAE CCS charging protocol connector for each alternative connector included in the application.
- **Light-duty hydrogen fuel cell vehicle supply equipment must be capable of:**
 - dispensing hydrogen at a pressure of 70 megapascals (or analogous successor technologies) and;
 - dispensing at least 100 kilograms (kg) per day.



Project Requirements (cont.)

- **Equipment must be installed:**
 - at a location without existing light-duty ZEV supply services; or
 - to add new units to expand the number of vehicles that may be serviced at an existing site.
- Funding is not available to **replace** existing equipment with newer equipment.
- To be considered public, the project site must be accessible to the general public for users 24-hours per day/seven days per week and have dusk to dawn lighting.
- Should payment be required to access and use the grant-funded equipment, it must be Payment Card Industry compliant to allow use of a credit or debit card.



Maximum Grant Amounts: DCFC

- Applicants may request up to \$150,000 per DCFC charging unit installed, up to a maximum of \$600,000 per project site.
- Final project grant amounts may not exceed the following maximum percentage of cost limits:
 - **70%** for DCFC light-duty electric vehicle supply equipment installed in a public place
 - **60%** for DCFC light-duty electric vehicle supply equipment installed in a workplace or multi-unit dwelling



Maximum Grant Amounts: Hydrogen

- Applicants may request up to \$600,000 per project site.
- Grant amounts may not exceed the following maximum percentage of cost limits applied to the actual, eligible project costs:
 - **33%** for equipment capable of dispensing at least 250 kg per day
 - **25%** for equipment capable of dispensing at least 100 kg per day



Eligible Project Costs

- Eligible project costs are those that are directly connected to the acquisition, installation, operation, and maintenance of new light-duty ZEV supply equipment.
- Eligible project cost categories include equipment, supplies and materials, construction, and contract services.
- TCEQ will consider up to \$20,000 per unit in eligible costs for the upgrade of off-site power converters to accommodate the installation of DCFC light-duty electric vehicle supply equipment.



Ineligible Project Costs

- ⊘ Salaries and travel expenses for employees of the grantee
- ⊘ Salaries of any lobbyist registered in Texas
- ⊘ Facility, land, or an interest in land
- ⊘ Permitting costs for TCEQ-issued permits
- ⊘ Other administrative costs of the grantee, including overhead and indirect costs
- ⊘ Food and drink
- ⊘ Any cost incurred prior to the grant round opening



Application Submission

- Applications will be accepted for priority consideration under **Phase No. 1 beginning Tuesday, November 2, 2021, at 8:00 am CST.**
- During **Phase No. 1**, applicants may submit up to five (5) project applications.
- Separate application submissions are required for each project site.
- Applicants may not apply or receive funding for the same project and/or activities for which funding was awarded under a Texas Emissions Reduction Plan grant program.
- Applicants are encouraged to submit applications via e-mail, but applications may also be submitted via standard or express mail.



Application Submission (cont.)

The following documents must be submitted with the application:

- itemized price quotes to support the costs provided in the budget estimate (Form 4); and
- Site Verification Form (Supplemental Form 1) for applicants who do not own the project site.
- **For hydrogen projects:** to be considered during **Phase No. 1** of the application submission period, documentation of the demand for hydrogen supply services is required.

Incomplete applications may not be accepted by TCEQ.



Grant Agreement

- Entities selected to receive grant funding will be required to sign a contract with TCEQ.
- Projects must be completed within the scope, time frame, and funding limitations specified in the contract.
- Grantees must commit to maintaining the grant-funded equipment in good operating condition for at least **five (5) years**.
- Grant-funded equipment must be insured against loss or damage, including liability damage to protect persons and property. Insurance must be maintained for the life of the contract and the five-year operating period. Documentation of required insurance coverage must be submitted to TCEQ.
- Grantees must submit quarterly progress reports.
- A sample contract will be available on the TxVEMP website at www.TexasVWFund.org.



Grant Reimbursement

- Payments will be made on a reimbursement basis for expenses incurred and paid by the grant recipient for the purchase and installation of light-duty ZEV supply equipment.
 - The equipment must be received, installed, and operational to be considered “incurred and paid.”
- A summary of all expenses, invoices, and proof of payment must be submitted with the request for reimbursement.
- The grant reimbursement plus financial incentives must not exceed 100% of the total cost of the proposed activity.
- Reimbursement will be disbursed via check by the Trustee of the Volkswagen Settlement Trust.



Contacts

- Visit www.TexasVWFund.org
- Email vwsettle@tceq.Texas.gov
- Call (833) 215-TXVM (8989)