

Ohio DMTF/VW Program

Level 2 Electric Vehicle Charging Station Grant



Request for Applications
July 1, 2020 – September 30, 2020

Alauddin A. Alauddin
Alauddin.Alauddin@epa.ohio.gov
(614) 644 3675

Carolyn Watkins
Carolyn.Watkins@epa.ohio.gov
(614) 644-3768



- In 2016, the United States and California sued Volkswagen and associated companies, alleging that VW installed **defeat devices** on certain diesel vehicles (model years 2009-2016).
- The devices activated during emissions testing to make vehicles appear compliant with the law, when in fact, during on-road operation, the vehicles emitted **nine to 40 times the allowable amount of nitrogen oxides (NOx)**, a harmful air pollutant.
- **350 tons** of excess NOx emitted in Ohio.



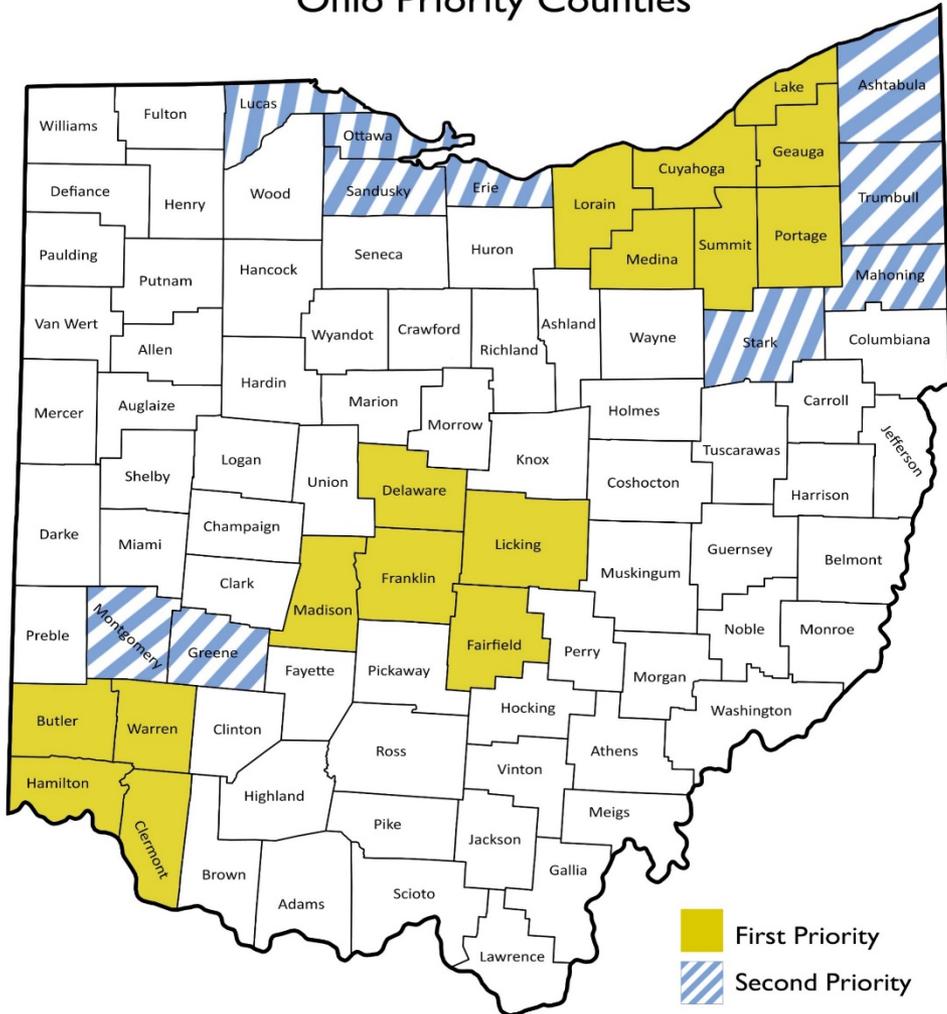
\$14 Billion VW Settlement

- Overseen by federal court and court-appointed Trustee
- \$10 billion compensation to VW diesel vehicle owners (buyback, repair)
- \$2 billion to promote ZEV adoption via Electrify America, LLC
- **\$2.7 billion** to remediate environmental effects of excess NOx emissions across all 50 states, D.C., Puerto Rico and Tribes

Ohio VW and EVs

- Ohio will receive **\$75 million** over 15 years, based on more than 16,000 VW and Audi diesel vehicles registered here with the defeat devices.
- Ohio allocated **\$11.25 million** (the maximum allowable 15%) for electric vehicle charging infrastructure.
- EVs eligible in most vehicle categories as well.

Diesel Mitigation Trust Fund Ohio Priority Counties



Beneficiary Mitigation Plan



In re: Volkswagen "Clean Diesel" Marketing, Sales Practices, and Products Liability Litigation, MDL No. 2672 CRB (JSC)

Office of Environmental Education
May 31, 2018

Ohio VW: EV Charging Approach

- **Publicly available** locations only
- Applicants may be government or non-government
- Level 2 locations to meet local demand and increase awareness
- DCFC locations along designated EV Charging Corridors to facilitate long distance travel

Ohio VW EV Timeline

- OEPA stakeholder meetings for 26 priority counties: December 2018 – February 2019
- Ohio DAS EVSE Contract: December 2019
- DriveOhio EV Charging Study: June 30, 2020
- OEPA L2 EVSE RFA: July 1, 2020 ← You are here!
- ODOT RFP for State Govt Locations: July 2020
- OEPA Electric School Bus Pilot: Nov. 2020 (T)
- OEPA DCFC EV Charging RFA: Feb. 2021 (T)

Ohio DAS EVSE Contracts

- For “public” entities regardless of funding
- Contract: RS900320 Index: GDC169
- 7 vendors under contract
- Contact: Donna Davies
 - Donna.Davies@das.ohio.gov
 - (614) 728-3729
- <https://procure.ohio.gov/proc/viewContractsAwards.asp?contractID=36761>

ODOT RFP for State Locations

- Up to \$250,000 in funding
- Based on EV study at www.drive.ohio.gov
- Will be posted at:
www.dot.state.oh.us/Divisions/ContractAdmin/Contracts/Pages/Purchase.aspx
- Sign up for the RFP announcement at:
drive.ohio.gov/wps/portal/gov/driveohio
- VW funds will be limited to sites within 26 counties

Ohio DMTF/VW Program
Level 2 Electric Vehicle Charging Station Grant

Request for Applications

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to

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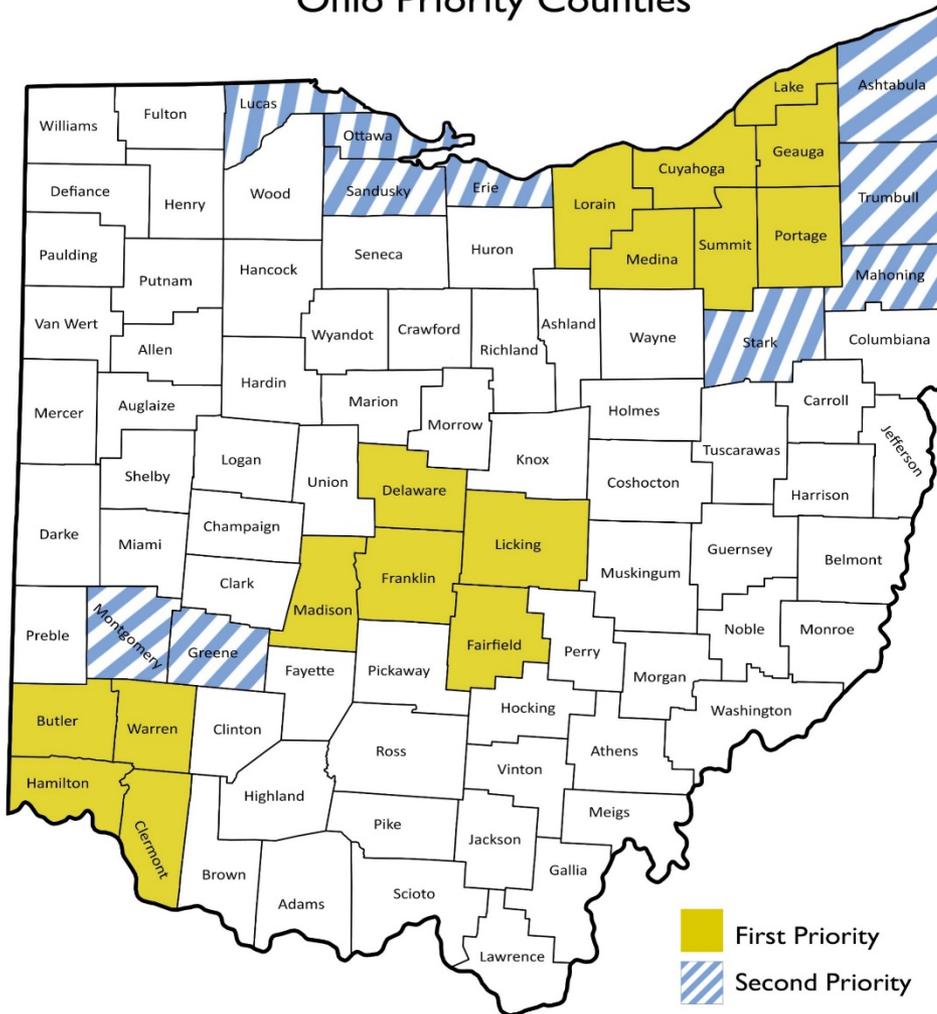


Ohio VW/DMTF Level 2 Grants Timeline

- Request for Applications issued: **7/1/20**
- Informational Webinars: **7/9/20 & 7/14/20**
- Q&A will be posted to website and updated regularly – don't forget to check these!
- Applications due: **3:00 p.m. on 9/30/20**
- Grant awards: **January 15, 2021 (Tentative)**

Funding Distribution

Diesel Mitigation Trust Fund
Ohio Priority Counties



- Level 2 only
- Total \$3,250,000
- \$250,000 for state government facilities
 - ODNR, ODOT and ODPS locations
- Remaining \$3 million
 - \$115,000 per county x 26 counties

Funding Per Charger

At a Government Owned Property		At a Non-Government Owned Property	
<u>Single Port</u>	<u>Dual Port</u>	<u>Single Port</u>	<u>Dual Port</u>
\$7,500 or	\$15,000 or	\$7,500 or	\$15,000 or
100% eligible costs	100% eligible costs	80% eligible costs	80% eligible costs

Whichever is the lesser

Key Considerations

- This is a reimbursement grant
- In an eligible location
- Publicly available
- Purchased, not leased
- Networked
- Covered by a 5-year warranty **and** service contract
- Operated, maintained and reported on for 5 years from initiation of operation

Section 3: Program Eligibility

1. Eligible Counties
2. Eligible Sites
3. Eligible Applicants
4. Eligible Costs



Section 3.1: Eligible Counties

First Priority Counties		Second Priority Counties	
Butler	Lake	Ashtabula	Stark
Clermont	Licking	Erie	Trumbull
Cuyahoga	Lorain	Greene	
Delaware	Madison	Lucas	
Fairfield	Medina	Mahoning	
Franklin	Portage	Montgomery	
Geauga	Summit	Ottawa	
Hamilton	Warren	Sandusky	

Section 3.2: Eligible Sites

- Site host can be public or private entity
- Publicly available – At least 16 hours/day including prime business and daylight hours (Exception: parks)
- Eligible: Parks, shopping centers, libraries, government offices, airports, sporting arenas etc.
- Ineligible: Parking facilities that serve a single business or landlord (MUDS and workplace charging)
- Hospitals:
 - Visitor/Patient parking = Yes
 - Staff parking = No

Section 3.3: Eligible Applicants

- Ohio businesses and non-profits
- Local, state and federal government entities and political subdivisions
- Ohio-based metropolitan planning orgs
- Other Ohio air quality or transportation organizations located in Ohio partnering with those above.

Section 3.4: Eligible Costs

1. New Level 2 charging station units
2. Conduit, signage at the parking spot, bollards, cable/wiring and electrical service box disconnects
3. Concrete or asphalt addition or replacement
4. Paint striping and stenciling of the charging station parking spaces
5. Charging station installation labor (electrical, trenching)
6. Annual network fees for up to 5 years.
7. Warranty **and** annual maintenance contract costs for the charging equipment (at least 5 years required)

Section 4: Program Requirements

1. Project Site Requirements
2. Charging Equipment Requirements
3. Project Implementation & Operating Requirements
4. Reporting Requirements

Section 4.1: Project Site

- Publicly available, visible and accessible
- 16 hours/day including prime business or daylight hours (excepts parks)
- Safe, well-lit, with conveniences like food, bathrooms and other services/activities
- ADA compliant
- Adequate electric capacity to serve EV stations
- Complies with federal, state, and local regulations

Section 4.2: Charging Equipment

- Common Level 2 technical standards
- Networked via an open source, non-proprietary communications protocol.
- Allow data collection and electronic payment
- ADA compliant
- 5-year manufacturers warranty
- 5-year service contract

Section 4.3: PI & Operations

- Customer service support requirements
- 95% uptime guarantee
- Protection of equipment
- Registered on AFDC and Plugshare
- Payment options (if applicable)

Section 4.4: Reporting Requirements

- Semiannual Project Progress Report
- Semiannual Charging Station Usage Report - identifies the previous six months of aggregate utilization data for each charger
- Final Project Completion Report

**We will provide templates at grant award.

Section 5.1: Application Components

1. Project Proposal
2. Project Budget
3. Applicant Certification Statement
4. Financial Requirements for Non-Government Applicants

Section 5.1.1: Project Proposal

1. Please use the template provided
2. Please provide as much information as you can



Project Proposal

- Specific roles/contact info
- Project Budget: Make sure it matches Project Budget template in Appendix D
- Project Summary
- Site Information
- Site Host Information
- Electric Utility



**Diesel Mitigation Trust Fund Grant Application
Project Proposal**

I. Applicant Information					
Applicant Business Name (As shown on income tax return):					
TIN #:					
Mailing Address:					
City:		State:		Zip: -	
Applicant Type (Choose closest match): <input type="checkbox"/> Government <input type="checkbox"/> Business <input type="checkbox"/> Non-Profit <input type="checkbox"/> Local/Regional Planning Agency					
Applicant Role (Check all applicable boxes): <input type="checkbox"/> Site Host <input type="checkbox"/> Equipment Vendor <input type="checkbox"/> Electric Utility <input type="checkbox"/> Local/Regional Planning Agency					
Will you be using Ohio Department of Administrative Services' (DAS) Contract Number RS900320 (Electric Vehicle Chargers and Equipment) for this project?					<input type="checkbox"/> Yes <input type="checkbox"/> No
Consultant/Grant Writer (If applicable):					
Title:					
Organization Name:					
Telephone Number:		() -		Cell Number: () -	
Email Address:					
Authorizing Agent (Person Authorized to sign contracts on behalf of the applicant)					
Name:					
Title:					
Telephone Number:		() -		Cell Number: () -	
Email Address:					
Fiscal Agent (Person who will be submitting expenditure reports)					
Name:					
Title:					
Telephone Number:		() -		Cell Number: () -	
Email Address:					
Project Director (Single point of contact for the project)					
Name:					
Title:					
Telephone Number:		() -		Cell Number: () -	
Email Address:					



Diesel Mitigation Trust Fund Grant Application Project Proposal

II. Project Information		
Project Title:		
Project Budget (must match Budget Template in Appendix D):		
1	Line A: Total Estimated Project Cost	\$
2	Line B: Total Ohio EPA DMTF eligible project costs	\$
3	Line C: Grant funding requested from Ohio EPA DMTF program	\$
4	Line D: Grant funding requested as percentage (Line C/Line B)	\$
5	Line E: Total number of charging ports (Add 1 per single port and 2 per dual port charger):	
6	Line F: Grant funding requested per charging port to be installed (Line C/Line E)	\$



Project Summary:

Example: The project will install two, level-two dual port charging stations with four connections for four publicly accessible electric vehicle parking spaces at the (ABC) Public library, located in (City/Village) at the intersection of (DEF) Street and (GHI) Road.

For proposals with multiple site locations, please list a separate paragraph for each location.

III. Site Information (If applicable, please complete Section III separately for each site, namely, III(A), III(B) etc.)

1. Site Name

Site Name:

Physical Address:

City:

State:

County:

Zip:

-

Site Type: Government Non-Government

Other Description:

Diesel Mitigation Trust Fund Grant Application Project Proposal

2. Site Host			
Site Host (Entity) Name:			
Site Ownership Status (check one): <input type="checkbox"/> Owner <input type="checkbox"/> Lessee (Please provide details below of lease terms, expiration and renewal)			
Contact Name:			
Contact Title:			
Telephone Number:	() -	Cell Number:	() -
Email Address:			
Please attach a letter expressing the commitment to host the chargers for a minimum of 5 years from when they are first operational.			
3. Electric Utility			
Electric Utility (Entity) Name:			
Contact Name:			
Telephone Number:	() -	Cell Number:	() -
Email Address:			



Project Proposal

- Equipment Vendor
- Financial structure
- Site location map with major roadways
- ODOT TIMS Map
- Parking space schematic
- EV equipment details

Better Data. Better Decisions.

TIMS is ODOT's web-mapping portal where you can discover information about Ohio's transportation system, create maps, and share information.

- PROJECT SEARCH
- CREATE A MAP
- DATA DOWNLOAD
- STANDARD PDF MAPS
- MAP VIEWERS
- DATA GLOSSARY
- CRASH DATA SEARCH

Search by PID



8. Please provide a diagram or schematic showing the parking space(s).

*Show locations of existing and proposed designated EV charging parking space(s), charging equipment, point of sale equipment and electric service to the site. Also indicate any space available for future expansion. List and explain how this site meets **each requirement** of Section 4.1 of the RFA document.*

Please attach a site schematic and any additional files electronically to your email application. Formal Engineering plans are not required.

9. Please provide details of the type of equipment you plan to install for EV chargers.

*Describe the type and number of chargers the applicant is proposing for this site. List and explain how the equipment meets **each requirement** of Section 4.2 of the RFA document.*

Please attach technical specifications and any additional files electronically to your email application.

Project Proposal

- Charger operations & fee structure
- Existing/proposed electric service to site
- Permits needed/acquired
- Project schedule (estimated)
- Authorizing Agent signature

10. Please list and describe how this site meets each of the project implementation and charging station operating requirements of Section 4.3 of the RFA document.

Also describe the proposed fee/rate structure to use the EV chargers if any? If no fees will be charged, please explain how site host will ensure that users don't occupy a charger longer than is needed to charge.

Please attach any ordinances, operating procedures, contracts and any additional files electronically to your email application.

11. Please attach documentation from your local utility that includes the following:

Description of the existing electrical service to the site, what upgrades may be needed, and preliminary cost estimates for those upgrades. Documentation must be coordinated with your local utility and needs to include the name of your utility representative listed in Item #3.

Please attach documentation electronically to your email or by hard copy with your mailed application.

12. Please identify the status of all necessary permits or other approvals required for the project:

<i>Permit/Agreement Description</i>	<i>Not Required</i>	<i>Required, Application Not Yet Submitted</i>	<i>Application Submitted</i>	<i>Permit/Approval Received</i>	<i>Unsure If required</i>
Air/Land use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electrical	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Structural	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Zoning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental Impact	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cultural/Historical Impact	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
City Council/Board Approvals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Please explain, if necessary:					

13. Please provide an estimated project schedule/timeline for project milestones:		
<i>Milestone</i>	<i>Proposed Completion Date</i> / /	<i>Notes</i>
	/ /	
	/ /	
	/ /	
	/ /	
	/ /	
Please explain, if necessary:		

IV. Applicant Authorizing Agent Signature

I hereby represent and certify that the foregoing and attached information, to the best of my knowledge and belief, **is true, complete and accurately describes the proposed activity/project** for which the financial assistance is being sought.

a. Signature of Applicant's Authorizing Agent:	
b. Date of signature:	
c. Authorizing Agent's name (<i>typed</i>):	
d. Authorizing Agent's title or relationship to Applicant:	
e. Applicant (Entity) Name:	
f. Authorizing Agent Phone Number:	
g. Authorizing Agent Email Address:	

Email pdf of completed application to evcharging@epa.ohio.gov



Section 5.1.2: Project Budget

- Please follow the Project Budget template in Appendix D of RFA document.
- Make sure it matches Section II of Project Proposal template

Budget Template

Applicant (Entity) Name: _____

Project (Location) Name: _____

Total Estimated Project Cost: _____

Number of Chargers: Single Port: Dual Port:

Please complete the budget form below listing (a) the sources, status' and amounts of all project funds and (b) the itemized budget for Ohio EPA DMTF eligible items. Please note that since this is a reimbursement program, applicant must have adequate funding in place to incur the entire project cost upfront.

Project Funding Source(s), Status and Amount(s) (Total Project Costs)

Item	Funding Source(s) and Status	Amount(s)
1		
2		
3		
4		
Line A: Total of estimated funding and sources (to equal Line A: "Total Estimated Project Cost" above):		\$

Itemized Project Budget (Ohio EPA DMTF Eligible Costs Only) (Attach quotes for each cost listed)

Item	Item Description	Unit Cost	Quantity	Total Cost
1	New Level 2 charging station units and associated equipment			
2	Conduit, signage, bollards, cable/wiring and electrical service box disconnects			
3	Concrete or asphalt addition or replacement			
4	Paint striping and stenciling of the charging station parking spaces			
5	Charging station installation labor (electrical, trenching, etc.)			
6	Cost to extend annual networking service to 5 years			
7	Cost to extend equipment warranty to 5 years			
8	Cost of 5-year maintenance contract (if separate from Items 6 and 7)			
9	Other Eligible Costs (Explain on a separate sheet)			
Line B: Total Ohio EPA DMTF eligible project costs				\$
Line C: Grant funding requested from Ohio EPA DMTF program				\$
Line D: Grant funding requested as percentage (Line C/Line B)				%
Line E: Total number of charging ports (Add 1 per single port and 2 per dual port charger):				
Line F: Grant funding requested per charging port to be installed (Line C/Line E)				\$



Section 5.1.3: Certification Statement

- Standard EPA VW/DMTF agreement
- Authorizing Agent must sign
- No e-signature provision. Please sign, scan and submit with remaining proposal

Diesel Mitigation Trust Fund Applicant Certification Statements

Applicant (Entity) Name: _____

Certification Questions

1. Does the Applicant have any outstanding financial liabilities with state or local governments in Ohio?
 - a. Does the Applicant owe any delinquent taxes to the State of Ohio (the "State") or a political subdivision of the State such as a city or a county?
 - b. Does the Applicant owe any monies that are past due to the State or a state agency for the administration or enforcement of the environmental laws of the State?
 - c. Does the Applicant owe any other monies that are past due to the State, a state agency or a political subdivision of the State?
 - d. Is the Applicant the subject of any existing tax lien filed in the State of Ohio?
 - e. Is the Applicant the subject of any unresolved finding for recovery issued by the Ohio Auditor of State?
 Yes No

2. Has the Applicant (including any related company or officers of the Applicant) been:
 - a. convicted of a felony?
 - b. convicted of or enjoined from any violation of state or federal securities law?
 - c. named a party to any consent order or court entry with respect to an alleged state or federal securities law violation?
 Yes No

3. Has the Applicant been a defendant named in a civil or criminal action filed with a state or federal court in Ohio?
 Yes No

In case of a yes answer to any of the above questions, please provide a brief narrative explanation (attach separate pages as needed).

Upon request by Ohio EPA, Applicant may be required to provide more detailed information including, but not limited to, the amounts, and case status, location and identification numbers (if applicable).

Statement of Certification by Applicant's Authorizing Agent

Instructions: Please have the Applicant's Authorizing Agent read the Statement of Certification below, check every applicable box, and sign the certification statement in Table 1, row a. If the project is selected for funding, this statement will become a legally binding exhibit in the grant agreement.

I certify that, to the best of my knowledge, the information contained in this application and in the supplemental material provided on behalf of the Applicant is correct and complete. I certify that the funding requested satisfies the eligibility requirements for the Diesel Mitigation Trust Fund program ("Program") as represented by Ohio Environmental Protection Agency ("Ohio EPA") in the Request for Applications and related materials. I certify that I understand as Applicant's authorizing representative ("Authorizing Agent") that the funding under the Program is subject to restrictions and other conditions listed in the Program Request for Applications, including but not limited to:

- The Applicant will use the funding awarded under the Program for the specific purposes defined in the Program Request for Applications.
- The Applicant certifies that the equipment to be purchased under this Program conform to the requirements defined in the Request for Applications.
- The Applicant is responsible for the maintenance of the new equipment for a minimum period of five years from the date of delivery or installation. As needed, the Applicant will avail itself of the warranty and an additional preventative maintenance agreement in order to ensure that the equipment funded under this Program remains in good working order for at least five years following installation. Applicant further certifies that any preventative maintenance agreements procured for servicing will not invalidate the aforementioned warranty.



Section 5.1.4: Financial Requirements (Private Sector & Non-Profit applicants)

- Demonstrate ability to cover upfront costs of entire project while awaiting reimbursement
 - Documentation of acceptable credit rating, or

Credit Agency	Rating
Standard & Poor's	AAA, AA, A or BBB
Dun & Bradstreet Viability	1, 2, 3, 4, or 5
Moody's	Aa, Aa, A or BAA
Fitch	AAA, AA, A or BBB

- Letter from a financial institution documenting
 - Time deposits (e.g. certificates of deposit), or
 - Line of credit, or
 - Loan (reimbursement will be paid at rate the loan is paid down)

Section 5.2: Review Ranking Process

1. Cost-Effectiveness
2. Availability
3. Relative Location
4. Traffic
5. Amenities
6. Multiple Chargers
7. Scalability/Future Proofing
8. State Term Contract for Public Entities
9. Destination Charging

Recap: Application Components

1. Project Proposal
2. Project Budget
3. Applicant Certification Statement
4. Financial Requirements for Non-Government Applicants

Submission and Contact Information



Email PDF application to evcharging@epa.ohio.gov

Contact Alauddin or Carolyn with questions:

Alauddin.Alauddin@epa.ohio.gov or 614-644-3675

Carolyn.Watkins@epa.ohio.gov or 614-644-3768