

**STATE OF TENNESSEE VOLKSWAGEN DIESEL SETTLEMENT
ENVIRONMENTAL MITIGATION TRUST
FAST CHARGE TN NETWORK GRANT PROGRAM MANUAL**



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¹ Appendices are provided as separate attachments to the Fast Charge TN Network Program Manual.

I. CONTRACT

A. Grant Contract

All grantees have entered into a grant contract (“Grant Contract”) with the Tennessee Department of Environment and Conservation (“TDEC” or “State”) in order to receive the allocated grant funds. Capitalized terms used but not defined in this manual shall have the respective meanings given to them in the Grant Contract. This Grant Contract contains the following sections:

- A. Scope of Services
- B. Term of Contract (not to exceed 15 months)
- C. Payment Terms and Conditions (including Budget)
- D. Standard Terms and Conditions
- E. Special Terms and Conditions

B. Grant Budget

The Grant Budget (“Attachment 2” of the Grant Contract) contains line items detailing the total project amount, including the Grant Contract amount and the Grantee’s participation. Expenditures, reimbursements, and/or payments under this Grant Contract shall adhere to the Grant Budget. Section C.6. of the Grant Contract states that the Grantee may request revisions of Grant Budget line-items by letter, giving full details supporting such request, provided that such revisions do not increase the total Grant Budget amount. Grant Budget line-item revisions may not be made without prior, written approval of the State in which the terms of the approved revisions are explicitly set forth. Written requests and justifications for such line-item variances must be sent to the TDEC Office of Energy Programs (Contact Information on Page 8).

II. ADDITIONAL CONTRACT COMPLIANCE REQUIREMENTS

A. Title VI Requirements

Title VI of the Civil Rights Act of 1964 prohibits discrimination based on race, color, or national origin in programs or activities receiving federal financial assistance (42 U.S.C. §2000d). As a recipient of federal funding, TDEC is required to comply with the rules, laws and regulations of Title VI. Title VI also applies to recipients of federal financial assistance that passes through TDEC in the form of grants, contracts, or subcontracts, as well as federal financial assistance that passes through another state agency to TDEC. To comply with Title VI requirements for TDEC subrecipients, the Grantee must complete the **TDEC Subrecipient Title VI training** (accessible at <https://tdec.tn.gov/title6/index.html>) and must provide TDEC with a copy of the certificate of training completion no later than **30 days** after the draft Grant Contract has been submitted to TDEC Contracts for approval (the Grantee will be notified when this has occurred). The Grantee must also complete and submit to TDEC a completed **Title VI Training Certification (Appendix D)** no later than **30 days** after the draft Grant Contract has been submitted to TDEC Contracts for approval.

B. Tennessee Department of Revenue Registration

Section D.25. of the Grant Contract states that the Grantee shall comply with all applicable registration requirements contained in Tenn. Code Ann. §§ 67-6-601 – 608. Compliance with applicable registration requirements is a material requirement of the Grant Contract.

Grantees that contract with the State of Tennessee must be registered to collect sales tax if they make sales that are subject to the Tennessee sales and use tax (T.C.A. § 67-6-601). If the Grantee does not make sales that are subject to the sales and use tax, the Grantee must provide a letter from the Department of Revenue confirming that there is no registration requirement. To complete this requirement, please click on the following link (<https://tntap.tn.gov/eservices/#0>), click “View Additional Services,” and then click “TN Vendor Contract Questions.” Complete the survey to generate a letter from the Department of Revenue.

C. Notice of Audit Form

Section D.19. of the Grant Contract states that the Grantee shall be audited in accordance with applicable Tennessee law. If the Grantee is subject to an audit under this provision, the Grantee shall complete the Notice of Audit Report form contained within their Grant Contract (Attachment 3). As noted in the form instructions, Grantees must send the completed Notice of Audit Report form as a PDF file to cpo.auditnotice@tn.gov at least ninety (90) days prior to the Grantee’s fiscal year. When sending this completed form, Grantees should also copy TDEC.OEP@tn.gov on the email message.

III. REQUIRED REPORTING

Quarterly, annual, and final reports must be submitted by the Grantee through the online [TDEC Grants Management System \(GMS\)](https://tdec.smartsimple.com/) (<https://tdec.smartsimple.com/>) prior to all established reporting deadlines, as outlined within Section A.2 of the Grant Contract. Additional instructions for completing the Required Reporting activity within the GMS are included within **Appendix H (GMS Guide)**.

A. Fast Charger Location Selection and Completion of Environmental Review

Section A.2.a. of the Grant Contract states that the Grantee shall submit proposed fast charger location(s) to the State for review and approval. Additionally, Grantees will be required to complete and submit an Environmental Review Checklist (**Appendix I**), which must be reviewed and approved by the State before construction and/or installation can begin.

B. Site Host Agreement

Section A.2.b. of the Grant Contract states that a site host agreement will be required to show that the Grantee has been granted access to a property (access and permission to install, own, operate, and maintain charging stations located on the site host’s property) for at least a five-year period following charging station installation and commissioning. If a Grantee owns the property, this will be confirmed via a Verification of Property Ownership Form (**Appendix J**). The purchase or rental of real estate required for a project is a non-reimbursable cost under the program.

TDEC’s Office of Energy Programs (TDEC OEP) will review the Verification of Property Ownership Form and follow up with the Grantee as appropriate.

C. Design Review

Section A.2.c. of the Grant Contract states that the Grantee shall submit engineering and design documentation to the State for review and approval before initiating construction to demonstrate compliance with Minimum Technical Specifications and Program Accessibility Requirements.

D. Program Income

Section A.2.d. of the Grant Contract states that all program income (gross income earned by the Grantee that is directly generated by the project or earned as a result of the project funding during the contract term) must conform with program income requirements (see 2 CFR § 200.307) in that such income must be reinvested in or used to defray ongoing costs of the project (e.g., other maintenance fees, site host property rental costs, etc.).

E. Quarterly Reporting

Section A.2.f. of the Grant Contract states that the Grantee must submit quarterly reports to include updates on site selection, site host agreement negotiation and execution, environmental review, site design and engineering, procurement of equipment and services, and construction and/or installation until the project has been completed (i.e., grant-funded charging infrastructure is installed and commissioned). Such reports shall include a complete description of the status of the project (including actual or projected termination date), development, implementation, and any modification. A quarterly report template is provided in **Appendix A**. Quarterly reports shall be due no later than January 10, April 10, July 10, and October 10 of each year of the Grant Contract term.

F. Annual Reporting

Section A.2.g. of the Grant Contract states that the Grantee shall submit, within three (3) months of the conclusion of each year of the Term, an annual report. Such reporting shall include those items listed in Section D.18 (Annual and Final Reports) of the Grant Contract, as well as the following information:

1. Station usage (number of charging events, duration of each charging event, start and stop time of each charging event, amount of electricity dispensed at each charging event in kWh, fees collected for each charging event, aggregate amount of electricity dispensed over the reporting period in kWh, aggregate fees collected over the reporting period, station downtime in hours per year as well as calculated as a percent (e.g., 175 hours or 2% downtime)). Where possible, Grantees should also allow the State "view access" to the charging network to allow for automated monitoring of station usage.
2. Program income (gross income or revenue from charging fees less program expenses, such as the cost of electricity) generated over the reporting period.
3. The internal accounting controls and mechanisms to be used by the Grantee to ensure that all such program income is reinvested in or used to defray ongoing costs of the project.
4. An explanation of program income expenditures during the reporting period.

In addition, the Grantee will be responsible for compiling and submitting annual reports for a period of five years following infrastructure installation and commissioning. These reports may be combined with the annual report requirements noted in Section D.18 during the Grant Contract Term, where possible. Following the close of the Grant Contract Term, these reports shall be due no later than 30 days after the close of the Grantee's fiscal year. The obligations set forth in Section A.2.g. shall survive the expiration of the Grant Contract. An annual report template is provided in **Appendix B**.

G. Final Report

Per Sections A.2.h. and D.18. of the Grant Contract, the Grantee shall submit a final project report (**Appendix C**) within three months of the completion of the Grant Contract Term. (Please note that this report may be combined with the annual report for the final year of the grant period.) In addition to the information requested for the annual report, the final project report must also include cumulative financial information to match the final reimbursement request as well as inventory documentation for all equipment purchased with funding through the Grant Contract. The inventory documentation must include, at a minimum, the following:

- a. Description of the equipment;
- b. Manufacturer's serial number or other identification number, when applicable;
- c. Consecutive inventory equipment or tag identification;
- d. Acquisition date, cost, and check number;
- e. Fund source, State Grant number, or other applicable fund source identification;
- f. Percentage of state funds applied to the purchase;
- g. Location within the Grantee's operations where the equipment is used;
- h. Condition of the property or disposition date if Grantee no longer has possession;
- i. Depreciation method, if applicable; and
- j. Monthly depreciation amount, if applicable.

NOTE: Failure to submit complete quarterly, annual, or final reports may result in the required return of any and all payments made to the Grantee by the State.

H. Equipment Disposition

Section D.27. of the Grant Contract addresses rules for disposition of grant-funded equipment. Upon termination of the Grant Contract, where a further contractual relationship is not entered into, or at another time during the term of the Grant Contract, the Grantee shall request written approval from the State for any proposed disposition of equipment purchased with Grant funds. All equipment shall be disposed of in such a manner as the parties may agree from among alternatives approved by TDEC as appropriate and in accordance with any applicable federal laws or regulations.

IV. FINANCIAL REIMBURSEMENT REQUIREMENTS

Grantees will be required to obtain a vendor identification number and will need to submit a **Form W-9, Request for Taxpayer Identification Number and Certification (Appendix E)**. Grantees will also be required to submit bank information via an original **Automated Clearing House (ACH) form (Appendix F)**, in order to receive grant reimbursements electronically. The ACH form must be

signed by an authorized account representative and a representative of the associated financial institution.

The Original W-9 and ACH forms should be mailed to:

State of Tennessee
Attn: Supplier Maintenance
21st Floor WRS Tennessee Tower
312 Rosa L Parks Ave
Nashville, TN 37243
(mark envelope CONFIDENTIAL)

Electronic copies of the W-9 and ACH form should be submitted to TDEC.OEP@tn.gov.

A. Accounting and Financial Controls

Grantees must properly manage and account for funding received. A complete spending record for all expenditures will be required, including invoice receipts, logs of record, and other properly certified documents.

Only equipment purchased within the period of performance of a fully executed and approved Grant Contract shall be eligible for reimbursement. No credit will be given for costs incurred prior to the grant period of performance. Documentation will be required for all funds requested. Any applicant who starts a project and incurs costs before receiving a fully executed Grant Contract does so at its own risk.

All funding must be spent in accordance with the Grant Contract. TDEC reserves the right to terminate the Grant Contract and/or recover funding from Grantees that TDEC determines are not in compliance with the conditions of this solicitation or the Grant Contract.

B. Cost Limits and Maximum Liability

Eligible costs under this Program are limited to the costs associated with the purchase and installation of eligible electric vehicle charging infrastructure (e.g., utility make-ready activities such as the securing of three-phase power, trenching or laying of conduit, etc.); support services (e.g., engineering and design, site identification and qualification); and operational and maintenance costs purchased upfront, including maintenance services and network fees in addition to bollards and wheel stops.

Grant funding shall not cover costs associated with the purchase or rental of real estate; other capital costs (e.g., construction of buildings, canopies, parking facilities, etc.); general maintenance (i.e., maintenance other than of the charging infrastructure); and legal fees associated with land acquisition. The Program will also not reimburse for administrative costs (i.e., costs not directly connected to purchase, installation, operation, and maintenance of the charging infrastructure), such as time spent on the completion of required reporting, contract management, Title VI compliance, etc.

The Program will require selected Grantees to install at least two DC fast chargers at each selected location, with the option to request funding to install a maximum of four DC fast chargers per location. Additionally, requests for funding may not exceed \$150,000 per fast charger to be installed for sites that meet the Program's Minimum Technical Specifications, which are outlined in Appendix I. Requests for funding may not exceed \$250,000 per fast charger to be installed for sites that meet the Program's Enhanced Technical Specifications, which are outlined in Appendix I. Grantees will be responsible for finding a suitable host site and purchasing, installing, owning, operating, and maintaining program-funded fast-charging equipment for a period of no less than five years.

C. Bid Process

Section D.20. of the Grant Contract requires that the procurement of goods, materials, supplies, equipment, or contracted services be made on a competitive basis, including the use of competitive bidding procedures, where practical. In each instance where it is determined that use of a competitive procurement method is not practical, supporting documentation shall include a written justification for the decision and for use of a non-competitive procurement. The Grantee shall obtain prior approval from the State before purchasing any equipment or services under the Grant Contract. To obtain this approval, Grantees must complete and submit a Procurement activity within the GMS for each proposed purchase. The Grantee shall proceed with purchasing new equipment or services only after the State has reviewed and approved the corresponding Procurement activity for each purchase to be reimbursed under the Grant Contract. Additional instructions for completing the Procurement activity within the GMS are included within **Appendix H (GMS Guide)**.

D. Reimbursement

The Grantee is limited to one reimbursement per month on expenditures made in concurrence with the scope of the project and the budgeted line items. If a reimbursement is requested, the request shall be submitted along with all necessary supporting documentation, as detailed in the Grant Contract. ***NOTE: Completion inspections will be conducted to verify completion of Grant Contract scope of services and compliance with Grant Contract requirements prior to reimbursement. To expedite reimbursement, please notify TDEC OEP after any equipment purchases are made so that a corresponding completion inspection can be scheduled.***

E. Reimbursement Request Procedures

Section C.5. of the Grant Contract states that the Grantee shall invoice the State no more often than monthly, with all necessary supporting documentation. Grantees shall submit invoices to the State via the Request for Grant Reimbursement activity within the GMS.

Each invoice shall clearly and accurately detail all of the following required information:

- a. Invoice/Reference Number (assigned by the Grantee);
- b. Invoice Date;
- c. Invoice Period (to which the reimbursement request is applicable);
- d. Grant Contract Number (assigned by the State);
- e. Grantor: Department of Environment and Conservation, Office of Energy Programs.
- f. Grantor Number (assigned by the Grantee to the above-referenced Grantor);

- g. Grantee Name;
- h. Grantee Tennessee Edison Registration ID Number Referenced in Preamble of the Grant Contract;
- i. Grantee Remittance Address;
- j. Grantee Contact for Invoice Questions (name, phone, or fax); and
- k. Itemization of Reimbursable Costs Requested for the Invoice Period – it must detail, at minimum, all of the following:
 - i. The amount requested by Grant Budget line-item;
 - ii. The amount reimbursed by Grant Budget line-item to date;
 - iii. The total amount reimbursed under the Grant Contract to date; and
 - iv. The total amount requested (all line-items) for the Invoice Period.

A sample invoice is provided in **Appendix G**. Invoices shall be submitted along with supporting documentation in the form of cancelled checks, confirmation of payment, and signed donation letters, in order to verify all expenditures and cost share contributions. Additional instructions for completing the Request for Grant Reimbursement activity within the GMS are included within **Appendix H (GMS Guide)**.

Grant payments will be made electronically to the account specified on the **Automated Clearing House (ACH)** form, to be completed by the Grantee.

F. Final Reimbursement Procedure

The project must be physically complete by the last day of the Grant Contract Term. Section C.7. of the Grant Contract requires final reimbursement to be submitted no later than **60 days** after the last day of the Grant Contract Term, and no billings/invoices shall be dated later than the last day of the Grant Contract Term. TDEC OEP reserves the right to conduct a Completion Inspection to verify completion of scope of services prior to final reimbursement.

V. PROJECT MONITORING

TDEC OEP will conduct desktop and onsite monitoring visits to verify that the projects are developed, completed, and maintained according to contractual guidelines. The types of inspections are as follows:

- a. Desktop Monitoring (as needed) – remote monitoring that includes examination of quarterly and annual reports to assess progress and determine compliance with Grant Contract requirements.
- b. Completion Inspection (as needed) – on-site monitoring visit to verify completion of Grant Contract scope of services and compliance with Grant Contract requirements.
- c. Post-Completion Inspections (as needed) – on-site monitoring visit to monitor usage of grant-funded equipment and compliance with Grant Contract requirements.

VI. PROPRIETARY INFORMATION

TDEC OEP is required by Tenn. Code Ann. § 4-3-514(b)(1) to “maintain the confidentiality of all proprietary information it may acquire.” Proprietary information is defined in Tenn. Code Ann. § 4-3-514(b)(2) as “trade secrets and commercial or financial information that is used either directly or

indirectly in the business of any person submitting information to the office under this chapter, and that gives such person an advantage or an opportunity to obtain an advantage over competitors who do not know or use such information.”

Grantees under the Volkswagen Diesel Settlement Environmental Mitigation Trust Fast Charge TN Network Grant Program shall identify any proprietary information in submitted documents. TDEC OEP will review information identified as proprietary to determine that it fits within the aforementioned statutory definition of proprietary information.

Further, TDEC OEP will maintain a log of the documents that contain proprietary information in order to ensure that such is redacted prior to being produced in response to a records request or disseminated for other purposes.

VII. COMMUNICATION

All communication related to this Grant Contract shall be in writing and shall be made by either certified, first class mail, return receipt requested; overnight courier service with an asset tracking system; or by email with recipient confirmation to the following contact as appropriate:

Alexa Voytek, Deputy Director
The Office of Energy Programs – VW EMT Fast Charge TN Network Grant Program
Tennessee Department of Environment and Conservation
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 2nd Floor
Nashville, TN 37243
Alexa.Voytek@tn.gov

Tennessee Department of Environment and Conservation
Office of Energy Programs
Williams R. Snodgrass Tower
312 Rosa L. Parks Ave. 2nd Floor, Nashville, TN 37243
PH: 615-741-2994

**QUARTERLY REPORT TEMPLATE
STATE OF TENNESSEE
VOLKSWAGEN DIESEL SETTLEMENT
ENVIRONMENTAL MITIGATION TRUST
FAST CHARGE TN NETWORK GRANT PROGRAM**

Section A.2.f. of the Grant Contract states that the Grantee must submit quarterly reports to include updates on site selection, site host agreement negotiation and execution, environmental review, site design and engineering, procurement of equipment and services, and construction and/or installation until the project has been completed (i.e., grant-funded charging infrastructure is installed and commissioned). Such reports shall include a complete description of the status of the project (including actual or projected termination date), development, implementation, and any modification. Quarterly reports shall be submitted within the online TDEC Grants Management System (<https://tdec.smartsimple.com/>) and shall be due no later than January 10, April 10, July 10, and October 10 of each year of the Grant Contract term.

The following information must be submitted to maintain compliance with projects funded by the Tennessee Department of Environment and Conservation's Office of Energy Programs (TDEC OEP). Refer any questions to Alexa Voytek at 615-532-0238 or Alexa.Voytek@tn.gov.

Grantee Information:

Grantee Name: _____

Agency Tracking Number: _____

Contract Expiration Date: _____

Contact Name: _____ Address: _____

City _____ State _____ Zip _____

Phone: _____ Email: _____

Quarter being reported on: _____

Project Description and status: Describe your progress toward completion of the project scope as outlined in your Grant Contract with TDEC. Provide a complete description of the status of the project (including actual or projected termination date), development, implementation, and any modification. If more space is needed, upload supporting attachments.

Tennessee Department of Environment and Conservation
Office of Energy Programs
Williams R. Snodgrass Tower
312 Rosa L. Parks Ave. 2nd Floor, Nashville, TN 37243
PH: 615-741-2994

Address any updates with regard to site selection, site host agreement negotiation and execution, environmental review, site design and engineering, procurement of equipment and services, and construction and/or installation. Provide an explanation for any variance from your expected progress.

What is the estimated project completion date? _____

Have you experienced any unforeseen delays? If yes, please explain:

Has the Grantee completed the TDEC Subrecipient Title VI training and submitted to TDEC a completed Title VI Training Certification? _____

Has the Grantee submitted documentation to TDEC to comply with Tennessee Department of Revenue Registration requirements (outlined in Section D.25 of the Grant Contract)? _____

Has the Grantee completed and submitted the Parent Child Information form and Notice of Audit form (if applicable)? _____

Note: Attach and submit an invoice and supporting documentation to this Quarterly Report if any equipment or services were purchased and/or infrastructure was installed within the quarter.

Proprietary Information:

TDEC OEP is required by Tenn. Code Ann. § 4-3-514(b)(1) to “maintain the confidentiality of all proprietary information it may acquire.” Proprietary information is defined in Tenn. Code Ann. § 4-3-

Tennessee Department of Environment and Conservation
Office of Energy Programs
Williams R. Snodgrass Tower
312 Rosa L. Parks Ave. 2nd Floor, Nashville, TN 37243
PH: 615-741-2994

514(b)(2) as “trade secrets and commercial or financial information that is used either directly or indirectly in the business of any person submitting information to the office under this chapter, and that gives such person an advantage or an opportunity to obtain an advantage over competitors who do not know or use such information.” Grantees under the Volkswagen Diesel Settlement Environmental Mitigation Trust Fast Charge TN Network Grant Program shall identify any proprietary information in submitted documents. TDEC OEP will review information identified as proprietary to determine that it fits within the aforementioned statutory definition of proprietary information. Further, TDEC OEP will maintain a log of the documents that contain proprietary information in order to ensure that such is redacted prior to being produced in response to a records request or disseminated for other purposes.

Note: Any information included as part of this quarterly report that the Grantee wishes TDEC OEP to consider as proprietary must be attached separately and must be clearly marked as proprietary.

QUARTERLY FINANCIAL REPORT TEMPLATE

Important: The following table should only include the amount that has been paid to date to the Grantee from the Tennessee Department of Environment and Conservation Office of Energy Programs. Do not include reimbursement requests that have not been paid or expenses that are estimated for future periods.

Applicable Period:		BEGIN:	END:		
POLICY 03 Object Line-item Reference	EXPENSE OBJECT LINE-ITEM CATEGORY	TOTAL GRANT CONTRACT	FUNDS REIMBURSED THIS QUARTER	CUMULATIVE FUNDS REIMBURSED	REMAINING GRANT CONTRACT FUNDS
4, 15	Professional Fee, Grant & Award				
18	Other Non-Personnel				
20	Capital Purchase				

Tennessee Department of Environment and Conservation
Office of Energy Programs
Williams R. Snodgrass Tower
312 Rosa L. Parks Ave. 2nd Floor, Nashville, TN 37243
PH: 615-741-2994

**ANNUAL REPORT TEMPLATE
STATE OF TENNESSEE
VOLKSWAGEN DIESEL SETTLEMENT
ENVIRONMENTAL MITIGATION TRUST
FAST CHARGE TN NETWORK GRANT PROGRAM**

Section A.2.g. of the Grant Contract states that the Grantee shall submit, within three (3) months of the conclusion of each year of the Term, an annual report. Such reporting shall include those items listed in Section D.18 of the Grant Contract, as well as station usage (number of charging events, duration of each charging event, start and stop time of each charging event, amount of electricity dispensed at each charging event in kWh, fees collected for each charging event, aggregate amount of electricity dispensed over the reporting period in kWh, aggregate fees collected over the reporting period, station downtime in hours per year as well as calculated as a percent (e.g., 175 hours or 2% downtime)), the internal accounting controls and mechanisms to be used by the Grantee to ensure that all such program income is reinvested in or used to defray ongoing costs of the project, and an explanation of program income expenditures during the reporting period. In addition, the Grantee will be responsible for compiling and submitting annual reports for a period of five years, to begin following equipment procurement, delivery, installation, and commissioning. These reports may be combined with the annual report requirements noted in Section D.18 during the Grant Contract Term, where possible. Following the close of the Grant Contract Term, these reports shall be due no later than 30 days after the close of the Grantee's fiscal year. The obligations set forth in Section A.2.g. shall survive the expiration of the Grant Contract. Annual reports shall be submitted within the online TDEC Grants Management System (<https://tdec.smartsimple.com/>).

The following information must be submitted to maintain compliance with projects funded by the Tennessee Department of Environment and Conservation's Office of Energy Programs. Refer any questions to Alexa Voytek at 615-532-0238, or Alexa.Voytek@tn.gov.

Grantee Name: _____

Grant Contract Edison Identification Number: _____

Agency Tracking Number: _____

Contract Expiration Date: _____

Contract Term: _____

Total Contract Amount: _____

Contact Name: _____ Address: _____

City _____ State _____ Zip _____

Tennessee Department of Environment and Conservation
Office of Energy Programs
Williams R. Snodgrass Tower
312 Rosa L. Parks Ave. 2nd Floor, Nashville, TN 37243
PH: 615-741-2994

Phone: _____ Email: _____

Year being reported on: _____

Describe the equipment and services purchased under the grant to date: _____

Detail the number of charging events per station, per site: _____

Detail the demonstrated station usage for the following metrics in an attached spreadsheet or other document:

- Duration of each charging event
- Start and stop time of each charging event
- Amount of electricity dispensed at each charging event in kWh
- Fees collected for each charging event

Provide the aggregate amount of electricity dispensed over the reporting period in kWh: _____

Provide the aggregate fees collected over the reporting period: _____

Detail the station downtime in hours per year: _____

Detail the station downtime, calculated as a percent of overall operation (e.g., 175 hours or 2% downtime) over the course of the year: _____

Detail program income (i.e., gross income or revenue from charging fees less program expenses, such as the cost of electricity) generated over the reporting period. Provide supporting documentation to demonstrate how total program income was calculated: _____

Describe the internal accounting controls and mechanisms used by the Grantee to ensure that all such program income is reinvested in or used to defray ongoing costs of the project: _____

Program income must be reinvested in or used to defray ongoing costs of the project (e.g., other maintenance fees, site host property rental costs, etc.) as well as meet all other requirements as explained in the Fast Charge TN Network Grant Program Manual. Provide an explanation of program income expenditures during the reporting period, as well as associate documentation (e.g., receipts, invoices, proof of payment, etc.): _____

List any ways in which the Grantee acknowledged funding for the project (e.g., newspaper, magazine, website, social media, etc.) and provide attachments if possible: _____

Attach any photographs or other visual media captured/created by the Grantee of the completed project.

Describe any measurable ancillary benefits from the project for this reporting period. Examples include: additional economic development activity, increased productivity, reduced maintenance costs, greater employee satisfaction, etc. _____

What impact has the project had to date? _____

Do you have any stories that capture the impact of this project? If so, please share one or two examples. _____

During the continued operation, has anything transpired that differed from what you anticipated?

When considering the implementation of this project, what lessons did you learn that might help other grantees implement similar work? _____

Have there been organizational changes within the past year? If so, what are they? _____

Proprietary Information:

TDEC OEP is required by Tenn. Code Ann. § 4-3-514(b)(1) to “maintain the confidentiality of all proprietary information it may acquire.” Proprietary information is defined in Tenn. Code Ann. § 4-3-514(b)(2) as “trade secrets and commercial or financial information that is used either directly or indirectly in the business of any person submitting information to the office under this chapter, and that gives such person an advantage or an opportunity to obtain an advantage over competitors who do not know or use such information.” Grantees under the Volkswagen Diesel Settlement Environmental Mitigation Trust Fast Charge TN Network Grant Program shall identify any proprietary information in submitted documents. TDEC OEP will review information identified as proprietary to determine that it fits within the aforementioned statutory definition of proprietary information. Further, TDEC OEP will maintain a log of the documents that contain proprietary information in order to ensure that such is redacted prior to being produced in response to a records request or disseminated for other purposes.

Note: Any information included as part of this annual report that the Grantee wishes TDEC OEP to consider as proprietary must be attached separately and must be clearly marked as proprietary.

FINAL REPORT TEMPLATE
STATE OF TENNESSEE
VOLKSWAGEN DIESEL SETTLEMENT
ENVIRONMENTAL MITIGATION TRUST
FAST CHARGE TN NETWORK GRANT PROGRAM

Note: All terms that are both bolded and italicized are defined in Appendix D-2 of the Environmental Mitigation Trust Agreement for State Beneficiaries.¹

Per Sections A.2.h. and D.18. of the Grant Contract, the Grantee shall submit a final project report within three months of the completion of the Grant Contract Term. (This report may be combined with the annual report for the final year of the grant period.) The final report shall be submitted within the online TDEC Grants Management System (<https://tdec.smartsimple.com/>).

The following information must be submitted to maintain compliance with projects funded by the Tennessee Department of Environment and Conservation's Office of Energy Programs. Refer any questions to Alexa Voytek at 615-532-0238, or Alexa.Voytek@tn.gov.

Grantee Name: _____

Grant Contract Edison Identification Number: _____

Agency Tracking Number: _____

Contract Expiration Date: _____

Contract Term: _____

Total Contract Amount: _____

Contact Name: _____ Address: _____

City _____ State _____ Zip _____

Phone: _____ Email: _____

Year being reported on: _____

¹ Environmental Mitigation Trust Agreement for State Beneficiaries,
https://www.tn.gov/content/dam/tn/environment/energy/documents/vw-resources/Dkt_51-1_State_Beneficiary_Trust_Agreement.pdf.

Tennessee Department of Environment and Conservation
Office of Energy Programs
Williams R. Snodgrass Tower
312 Rosa L. Parks Ave. 2nd Floor, Nashville, TN 37243
PH: 615-741-2994

Final report requirements are detailed in Sections A.2.h. and D.18. of the Grant Contract.

Describe the equipment and services purchased under the grant to date: _____

Detail the number of charging events per station, per site: _____

Detail the demonstrated station usage for the following metrics in an attached spreadsheet or other document:

- Duration of each charging event
- Start and stop time of each charging event
- Amount of electricity dispensed at each charging event in kWh
- Fees collected for each charging event

Provide the aggregate amount of electricity dispensed over the reporting period in kWh: _____

Provide the aggregate fees collected over the reporting period: _____

Detail the station downtime in hours per year: _____

Detail the station downtime, calculated as a percent of overall operation (e.g., 175 hours or 2% downtime) over the course of the year: _____

Detail program income (i.e., gross income or revenue from charging fees less program expenses, such as the cost of electricity) generated over the reporting period. Provide supporting documentation to demonstrate how total program income was calculated: _____

Describe the internal accounting controls and mechanisms used by the Grantee to ensure that all such program income is reinvested in or used to defray ongoing costs of the project: _____

Program income must be reinvested in or used to defray ongoing costs of the project (e.g., other maintenance fees, site host property rental costs, etc.) as well as meet all other requirements as explained in the Fast Charge TN Network Grant Program Manual. Provide an explanation of program income expenditures during the reporting period, as well as associate documentation (e.g., receipts, invoices, proof of payment, etc.): _____

List any ways in which the Grantee acknowledged funding for the project (e.g., newspaper, magazine, website, social media, etc.) and provide attachments if possible: _____

Tennessee Department of Environment and Conservation
Office of Energy Programs
Williams R. Snodgrass Tower
312 Rosa L. Parks Ave. 2nd Floor, Nashville, TN 37243
PH: 615-741-2994

Attach any photographs or other visual media captured/created by the Grantee of the completed project.

Describe any measurable ancillary benefits from the project for this reporting period. Examples include: additional economic development activity, increased productivity, reduced maintenance costs, greater employee satisfaction, etc. _____

What impact has the project had to date? _____

Do you have any stories that capture the impact of this project? If so, please share one or two examples. _____

During the continued operation, has anything transpired that differed from what you anticipated?

When considering the implementation of this project, what lessons did you learn that might help other grantees implement similar work? _____

Have there been organizational changes within the past year? If so, what are they? _____

Inventory Documentation:

Provide the following information for all equipment or motor vehicles purchased/converted with funding through the Grant Contract:

- a. Description of the equipment;
- b. Manufacturer's serial number or other identification number, when applicable;
- c. Consecutive inventory equipment or tag identification;
- d. Acquisition/conversion date, cost, and check number;
- e. Fund source, State Grant number, or other applicable fund source identification;
- f. Percentage of purchase or conversion covered by grant funding;
- g. Location within the Grantee's operations where the equipment is used;
- h. Condition of the property or disposition date if Grantee no longer has possession;
- i. Depreciation method, if applicable; and
- j. Monthly depreciation amount, if applicable.

Proprietary Information:

TDEC OEP is required by Tenn. Code Ann. § 4-3-514(b)(1) to "maintain the confidentiality of all proprietary information it may acquire." Proprietary information is defined in Tenn. Code Ann. § 4-3-514(b)(2) as "trade secrets and commercial or financial information that is used either directly or indirectly in the business of any person submitting information to the office under this chapter, and that gives such person an advantage or an opportunity to obtain an advantage over competitors who do not know or use such information." Grantees under the Volkswagen Diesel Settlement Environmental Mitigation Trust Fast Charge TN Network Grant Program shall identify any proprietary information in submitted documents. TDEC OEP will review information identified as proprietary to determine that it fits within the aforementioned statutory definition of proprietary information. Further, TDEC OEP will maintain a log of the documents that contain proprietary information in order to ensure that such is redacted prior to being produced in response to a records request or disseminated for other purposes.

Note: Any information included as part of this final report that the Grantee wishes TDEC OEP to consider as proprietary must be attached separately and must be clearly marked as proprietary.

FINAL FINANCIAL REPORT TEMPLATE

Important: The following table should include cumulative financial information for the entire grant period, to match the final reimbursement request. The following table should only include the amount that has been paid to date to the Grantee from the Tennessee Department of Environment and Conservation Office of Energy Programs. Do not include reimbursement requests that have not been paid.

Applicable Period:		BEGIN:	END:
POLICY 03 Object	EXPENSE OBJECT LINE- ITEM CATEGORY	TOTAL GRANT CONTRACT	CUMULATIVE FUNDS REIMBURSED
Line-item Reference			
4, 15	Professional Fee, Grant & Award		
18	Other Non-Personnel		
20	Capital Purchase		



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 OFFICE OF POLICY AND PLANNING
 William R. Snodgrass TN Tower
 312 Rosa L. Parks Avenue, 2nd Floor
 Nashville, TN 37243
TITLE VI TRAINING CERTIFICATION

Name of entity: _____ Phone number: _____

Type of entity. (choose one): Government/Municipality Private Business Non-Profit

Address: _____

City: _____ State: _____ Zip Code: _____ County: _____

The Tennessee Department of Environment and Conservation (TDEC) is a recipient of federal financial assistance. Recipients are required to comply with various nondiscrimination laws and regulations, including Title VI of the Civil Rights Act of 1964, which bars discrimination on the basis of race, color, or national origin. The Civil Rights Restoration Act of 1987 clarifies that discrimination is prohibited throughout an entire agency if any part of the agency receives federal financial assistance. As a sub-recipient of TDEC's federal funds, you are required to comply with Title VI and related nondiscrimination laws and regulations.

Title VI regulations require sub-recipients to complete Title VI training; *your entity must preserve class rosters or comparable evidence of periodic Title VI training for audit purposes.*

Below, the sub-recipient program supervisor and its Title VI Coordinator (if a different person) must certify the date (within the last six months) of their completion of Title VI training, attach a copy of the class roster or certificate of completion from their training, and certify that Title VI training is provided for staff, including new hires.¹

As one acceptable means of completing Title VI training, your entity may use TDEC's online Title VI training module: <https://tdec.tn.gov/title6/index.html> and retain Certificates of Completion for staff.

Declaration of Sub-Recipient Title VI Coordinator: I completed Title VI training on _____ (date), my entity provides Title VI training for staff, including new hires, and to the best of my knowledge and belief the class roster and/or certificates of completion for Title VI training attached are true, correct, and complete.

Printed Name and Title: _____

Signature: _____ Date: _____

Declaration of Sub-Recipient Supervising Authority: I completed Title VI training on _____ (date), my entity provides Title VI training for staff, including new hires, and that the class roster and/or certificates of completion for Title VI training attached are to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Sec. 39-16-702(a)(4), this declaration is made under penalty of perjury.

Printed Name and Title: _____

Signature: _____ Date: _____

¹ If the sub-recipient program supervisor or its Title VI Coordinator is replaced during the contract term, the replacement must take Title VI training and provide evidence of completion to the TDEC grant or loan administering program.

Request for Taxpayer Identification Number and Certification

**Give Form to the
requester. Do not
send to the IRS.**

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	<p>1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.</p> <hr/> <p>2 Business name/disregarded entity name, if different from above</p> <hr/> <p>3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.</p> <p><input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate</p> <p><input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____</p> <p>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</p> <p><input type="checkbox"/> Other (see instructions) ▶ _____</p>	<p>4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):</p> <p>Exempt payee code (if any) _____</p> <p>Exemption from FATCA reporting code (if any) _____</p> <p><small>(Applies to accounts maintained outside the U.S.)</small></p>
	<p>5 Address (number, street, and apt. or suite no.) See instructions.</p> <hr/> <p>6 City, state, and ZIP code</p> <hr/> <p>7 List account number(s) here (optional)</p>	<p>Requester's name and address (optional)</p> <hr/>

<p>Part I Taxpayer Identification Number (TIN)</p> <p>Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i>, later.</p> <p>Note: If the account is in more than one name, see the instructions for line 1. Also see <i>What Name and Number To Give the Requester</i> for guidelines on whose number to enter.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Social security number</td> </tr> <tr> <td style="text-align: center;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border: 1px solid black; height: 20px;"></td> <td style="width: 2%; border: none;">-</td> <td style="width: 25%; border: 1px solid black; height: 20px;"></td> <td style="width: 2%; border: none;">-</td> <td style="width: 46%; border: 1px solid black; height: 20px;"></td> </tr> </table> </td> </tr> <tr> <td style="text-align: center;">OR</td> </tr> <tr> <td style="text-align: center;">Employer identification number</td> </tr> <tr> <td style="text-align: center;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border: 1px solid black; height: 20px;"></td> <td style="width: 2%; border: none;">-</td> <td style="width: 73%; border: 1px solid black; height: 20px;"></td> </tr> </table> </td> </tr> </table>	Social security number	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border: 1px solid black; height: 20px;"></td> <td style="width: 2%; border: none;">-</td> <td style="width: 25%; border: 1px solid black; height: 20px;"></td> <td style="width: 2%; border: none;">-</td> <td style="width: 46%; border: 1px solid black; height: 20px;"></td> </tr> </table>		-		-		OR	Employer identification number	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border: 1px solid black; height: 20px;"></td> <td style="width: 2%; border: none;">-</td> <td style="width: 73%; border: 1px solid black; height: 20px;"></td> </tr> </table>		-	
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<p>Part II Certification</p> <p>Under penalties of perjury, I certify that:</p> <ol style="list-style-type: none"> The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and I am a U.S. citizen or other U.S. person (defined below); and The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct. <p>Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.</p>

Sign Here	<p>Signature of U.S. person ▶ _____</p>	<p>Date ▶ _____</p>
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515, *Withholding of Tax on Nonresident Aliens and Foreign Entities*).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the instructions for Part II for details),
3. The IRS tells the requester that you furnished an incorrect TIN,
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate Instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships*, earlier.

What is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note: ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C corporation, or S corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation
• Individual • Sole proprietorship, or • Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.	Individual/sole proprietor or single-member LLC
• LLC treated as a partnership for U.S. federal tax purposes, • LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or • LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
• Partnership	Partnership
• Trust/estate	Trust/estate

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a) J—

A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, write NEW at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/Businesses and clicking on Employer Identification Number (EIN) under Starting a Business. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or SS-4 mailed to you within 10 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983.

You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983.

You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABL accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
6. Sole proprietorship or disregarded entity owned by an individual	The owner ³
7. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor*
For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity ⁴
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee

For this type of account:	Give name and EIN of:
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships*, earlier.

*Note: The grantor also must provide a Form W-9 to trustee of trust.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes.

Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at spam@uce.gov or report them at www.ftc.gov/complaint. You can contact the FTC at www.ftc.gov/idtheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.IdentityTheft.gov and Pub. 5027.

Visit www.irs.gov/IdentityTheft to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.



**STATE OF TENNESSEE
DEPARTMENT OF FINANCE & ADMINISTRATION
SUPPLIER DIRECT DEPOSIT AUTHORIZATION
(NOT WIRE TRANSFERS)**

Mail the ORIGINAL form to the address below. Mark the outside of the envelope "CONFIDENTIAL".
State of Tennessee
Attn: Supplier Maintenance
21st Floor WRS Tennessee Tower
312 Rosa L Parks Ave
Nashville, TN 37243

SECTION 1: TYPE OF REQUEST		
New		
Change Existing Account: Enter Existing Routing No:		Existing Account No:
SECTION 2: ACCOUNT HOLDER INFORMATION		
Name (as shown on your income tax return):		
Business Name, if different from above:		
Federal Employer Identification Number (FEIN):		or Social Security Number (SSN):
Enter the address that should be associated with the account number::		
Address Line 1:		
Address Line 2:		
City:	State:	Zip Code:
Contact Name:	Telephone:	
Enter the email address to which the remittance advices should be routed:		
Email:		
SECTION 3: AUTHORIZATION		
Are payments deposited into this account subject to being transferred, in its entirety, to a financial institution outside of the United States? Yes No		
Account Type: Checking Savings		
Financial Institution Name:		
Routing Number:		Account Number:
I authorize my financial institution to verify any information provided on this form with the State of Tennessee. I also authorize the state to initiate credit entries and to initiate if necessary, debit entries and adjustments for any credit entries in error, to my account indicated above. This authorization will remain in effect until the state has received written notification of its termination and has adequate time to act upon the request.		
Authorized Signatory Printed Name:		
Authorized Signature:		Date:
SECTION 4: FINANCIAL INSTITUTION VERIFICATION		
I certify the account and routing numbers in Section 3 are for the above specified account holder and is signed by an authorized signatory on the account.		
Representative Name:	Representative Signature:	
Title of Representative:	Date:	
Business Fax Number:	Business Phone Number: <input type="text"/>	
Mailing Address:		
City:	State:	Zip Code:



**STATE OF TENNESSEE
DEPARTMENT OF FINANCE & ADMINISTRATION
SUPPLIER DIRECT DEPOSIT AUTHORIZATION INSTRUCTIONS
(NOT WIRE TRANSFERS)**

As a supplier to the state of Tennessee you are offered the security and convenience of having payments automatically deposited into your bank account. The Supplier Direct Deposit Authorization is required to process payments electronically. The information on this form is confidential and subject to verification by the state. The completed form must contain original signatures and be received by the state in a timely manner. Electronic signatures are not accepted.

SECTION 1: TYPE OF REQUEST

- Check the appropriate box.
 - New: Initial set up of supplier direct deposit.
 - Change Existing Account: Bank account information will not be changed unless the existing routing and account numbers currently on file with the state have been entered.

SECTION 2: ACCOUNT HOLDER INFORMATION

- The Name, Business Name, and Federal Employer Identification Number (FEIN) or Social Security Number (SSN) on the Supplier Direct Deposit Authorization form must match the W-9 submitted, or the information already on file with the state.
- Enter the address that should be associated with the account number identified in Section 3. For example, if the business has different locations, each with separate bank accounts, enter the address of the location to which this account applies. If the account is to be added to multiple addresses, list each address on an additional sheet.
- Enter the contact information of an authorized signatory on the account.

SECTION 3: AUTHORIZATION

- All fields in this section must be completed.

SECTION 4: FINANCIAL INSTITUTION VERIFICATION

- This section must be completed by the financial institution representative.

Mail the ORIGINAL form to the address below. Mark the outside of the envelope "CONFIDENTIAL".

State of Tennessee
Attn: Supplier Maintenance
21st Floor WRS Tennessee Tower
312 Rosa L Parks Ave
Nashville, TN 37243

Cancellation of Direct Deposit

To cancel direct deposit, mail a written request to the address above. The request must contain the payee's name, FEIN or SSN, routing and account numbers, that matches the information already on file with the state, and an original signature of an authorized signatory.

Should you have any questions or need assistance, contact Supplier Maintenance at 615-741-9745.

Tennessee Department of Environment and Conservation
Office of Energy Programs
Williams R. Snodgrass Tower
312 Rosa L. Parks Ave. 2nd Floor, Nashville, TN 37243
PH: 615-741-2994

SAMPLE GRANTEE INVOICE
STATE OF TENNESSEE
VOLKSWAGEN DIESEL SETTLEMENT
ENVIRONMENTAL MITIGATION TRUST
FAST CHARGE TN NETWORK GRANT PROGRAM

BILL TO:	FROM:	DATE:
Tennessee Department of Environment and Conservation, c/o Alexa Voytek 312 Rosa L. Parks Ave., 2 nd Floor Nashville, TN 37243 615-613-1096 Alexa.Voytek@tn.gov	Grantee Name Point of Contact Mailing Address Telephone Number Email Address	Month Date, Year

- Eligible costs under this Program are limited to the costs associated with the purchase and installation of eligible electric vehicle charging infrastructure (e.g., utility make-ready activities such as the securing of three-phase power, trenching or laying of conduit, etc.); support services (e.g., engineering and design, site identification and qualification); and operational and maintenance costs purchased upfront, including maintenance services and network fees in addition to bollards and wheel stops.
- The Program will not reimburse costs associated with the purchase or rental of real estate; other capital costs (e.g., construction of buildings, canopies, parking facilities, etc.); general maintenance (i.e., maintenance other than of the charging infrastructure); and legal fees associated with land acquisition. The Program will also not reimburse for administrative costs (i.e., costs not directly connected to purchase, installation, operation, and maintenance of the charging infrastructure), such as time spent on the completion of required reporting, contract management, Title VI compliance, etc. Receipts provided as supporting documentation for the Grantee Invoice must detail any such costs in an itemized fashion. Such costs should be reflected in the "Subtotal (Non-Reimbursable)" row(s) below.
- The costs below are hypothetical estimates and do not reflect true costs of an actual fast charger project.

HARDWARE	
DC Fast Charging Station #1 (insert serial number) R*	\$50,000.00
DC Fast Charging Station #2 (insert serial number) R	\$50,000.00
Recommended spare parts NR**	\$5,000.00
Hardware Delivery Fees R	\$3,000.00
Taxes R	\$12,000.00
Subtotal (Non-Reimbursable)	\$5,000.00
Subtotal (Reimbursable)	\$115,000.00
Total	\$120,000.00
SITE PREP AND FAST CHARGE MAKE-READY	
Site Acquisition Costs (i.e., property rental) NR	\$10,000.00
Engineering, Permitting, and Design R	\$15,000.00
Electrical Equipment for Fast Charge Make-Ready R	\$13,000.00
Subtotal (Non-Reimbursable)	\$10,000.00
Subtotal (Reimbursable)	\$28,000.00
Total	\$38,000.00
CONSTRUCTION, INSTALLATION, AND COMMISSIONING	
Eligible Construction and Installation R	\$125,000.00
Commissioning R	\$10,000.00
Subtotal (Non-Reimbursable)	\$0.00
Subtotal (Reimbursable)	\$135,000.00

Tennessee Department of Environment and Conservation
Office of Energy Programs
Williams R. Snodgrass Tower
312 Rosa L. Parks Ave. 2nd Floor, Nashville, TN 37243
PH: 615-741-2994

	Total	\$135,000.00
OPERATIONS AND MAINTENANCE, NETWORK FEES		
Five Year Networking Fees (x2 chargers) R		\$4,420.00
Five Year Maintenance Services Package (x2 chargers) R		\$31,000.00
Taxes R		\$2,000.00
	Subtotal (Non-Reimbursable)	\$0.00
	Subtotal (Reimbursable)	\$37,420.00
	Total	\$37,420.00
PROJECT MANAGEMENT		
Site Host Vetting and Selection R		\$2,000.00
Legal Fees Associated With Site Host Acquisition NR		\$3,000.00
Completion of Required Reporting, Contract Management, Title VI Compliance NR		\$12,000.00
	Subtotal (Non-Reimbursable)	\$15,000.00
	Subtotal (Reimbursable)	\$2,000.00
	Total	\$17,000.00
	All Non-Reimbursable Costs ¹	\$30,000.00
	All Reimbursable Costs ²	\$317,420.00
	All Total Costs ³	\$347,420.00
	AMOUNT DUE⁴	\$253,936.00

***R** = reimbursable

****NR** = non-reimbursable

¹ Add all "Subtotal (Non-Reimbursable)" rows to calculate "All Non-Reimbursable Costs" sum.

² Add all "Subtotal (Reimbursable)" rows to calculate "All Reimbursable Costs" sum.

³ Add all "Total" rows to calculate "All Total Costs" sum.

⁴ Multiply "All Reimbursable Costs" by the eligible funding cap of 80% requested to calculate "Amount Due" total. Please note that the "Amount Due" total must be at or below the Total Grant Contract amount detailed in the Grant Budget.

Tennessee Department of Environment and Conservation
Office of Energy Programs
Williams R. Snodgrass Tower
312 Rosa L. Parks Ave. 2nd Floor, Nashville, TN 37243
PH: 615-741-2994

INVOICE – (INSERT GRANTEE NAME)

BILL TO:	FROM:	DATE:
Tennessee Department of Environment and Conservation, c/o Alexa Voytek 312 Rosa L. Parks Ave. Nashville, TN 37243 615-532-0238 alexa.voytek@tn.gov	(insert)	(insert)

HARDWARE	
Subtotal (Non-Reimbursable)	
Subtotal (Reimbursable)	
Total	
SITE PREP AND FAST CHARGE MAKE-READY	
Subtotal (Non-Reimbursable)	
Subtotal (Reimbursable)	
Total	
CONSTRUCTION, INSTALLATION, AND COMMISSIONING	
Subtotal (Non-Reimbursable)	
Subtotal (Reimbursable)	
Total	
OPERATIONS AND MAINTENANCE, NETWORK FEES	
Subtotal (Non-Reimbursable)	
Subtotal (Reimbursable)	
Total	
PROJECT MANAGEMENT	
Subtotal (Non-Reimbursable)	
Subtotal (Reimbursable)	
Total	
All Non-Reimbursable Costs ⁵	
All Reimbursable Costs ⁶	
All Total Costs ⁷	
AMOUNT DUE⁸	

⁵ Add all "Subtotal (Non-Reimbursable)" rows to calculate "All Non-Reimbursable Costs" sum.

⁶ Add all "Subtotal (Reimbursable)" rows to calculate "All Reimbursable Costs" sum.

⁷ Add all "Total" rows to calculate "All Total Costs" sum.

⁸ Multiply "All Reimbursable Costs" by the eligible funding cap of 80% requested to calculate "Amount Due" total. Please note that the "Amount Due" total must be at or below the Total Grant Contract amount detailed in the Grant Budget.

Proprietary Information:

TDEC OEP is required by Tenn. Code Ann. § 4-3-514(b)(1) to “maintain the confidentiality of all proprietary information it may acquire.” Proprietary information is defined in Tenn. Code Ann. § 4-3-514(b)(2) as “trade secrets and commercial or financial information that is used either directly or indirectly in the business of any person submitting information to the office under this chapter, and that gives such person an advantage or an opportunity to obtain an advantage over competitors who do not know or use such information.” Grantees under the Volkswagen Diesel Settlement Environmental Mitigation Trust Fast Charge TN Network Grant Program shall identify any proprietary information in submitted documents. TDEC OEP will review information identified as proprietary to determine that it fits within the aforementioned statutory definition of proprietary information. Further, TDEC OEP will maintain a log of the documents that contain proprietary information in order to ensure that such is redacted prior to being produced in response to a records request or disseminated for other purposes.

Note: Any information included as part of an invoice that the Grantee wishes TDEC OEP to consider as proprietary must be attached separately and must be clearly marked as proprietary.

**GRANTS MANAGEMENT SYSTEM (GMS) GUIDE
STATE OF TENNESSEE
VOLKSWAGEN DIESEL SETTLEMENT
ENVIRONMENTAL MITIGATION TRUST
FAST CHARGE TN NETWORK GRANT PROGRAM**

The [TDEC Grants Management System \(GMS\)](#) contains a number of Activities that Grantees are required to complete and submit for TDEC OEP approval throughout the duration of the project. These activities include Title VI Training Certification, Site Selection/Environmental Review, Site Host Agreement/Ownership Verification, Design Review, Procurement, Required Reporting, and Request for Grant Reimbursement.

Title VI Training Certification - *to be completed no later than 30 days after the draft Grant Contract has been submitted to TDEC Contracts for approval*

Title VI of the Civil Rights Act of 1964 prohibits discrimination based on race, color, or national origin in programs or activities receiving federal financial assistance (42 U.S.C. §2000d). As a recipient of federal funding, TDEC is required to comply with the rules, laws and regulations of Title VI. Title VI also applies to recipients of federal financial assistance that passes through TDEC in the form of grants, contracts, or subcontracts, as well as federal financial assistance that passes through another state agency to TDEC. To comply with Title VI requirements for TDEC subrecipients, the Grantee must complete the TDEC Subrecipient Title VI training (accessible at <https://tdec.tn.gov/title6/index.html>) and must provide TDEC with a copy of the certificate of training completion no later than 30 days after the draft Grant Contract has been submitted to TDEC Contracts for approval (the Grantee will be notified when this has occurred). The Grantee must also complete and submit to TDEC a completed Title VI Training Certification activity no later than 30 days after the draft Grant Contract has been submitted to TDEC Contracts for approval.

Site Selection / Environmental Review Activity - *to be completed for each site proposed for charger installation; after Title VI Training Certification, this typically will be the first activity to be completed, unless the Grantee is procuring support services to assist with site selection (in which case, the Procurement activity would need to be completed for such services first)*

Section A.2.a. of the Grant Contract states that the Grantee shall submit proposed fast charger location(s) to the State for review and approval. Additionally, Grantees are required to complete and submit an Environmental Review Checklist for each location (Appendix I of the Fast Charge TN Network Grant Program Manual), which must be reviewed and approved by the State before construction and/or installation can begin.

Site Host Agreement / Ownership Verification - *to be completed following submission and approval of the Site Selection / Environmental Review activity*

Section A.2.b. of the Grant Contract states that a site host agreement will be required to show that the Grantee has been granted access to a property (access and permission to install, own, operate, and maintain charging stations located on the site host's property) for at least a five-year period following charging station installation and commissioning. If a Grantee owns said property, this will be confirmed via a Verification of Property Ownership Form.

Design Review - *to be completed following submission and approval of the Site Host Agreement / Ownership Verification activity and before initiating construction*

Section A.2.c. of the Grant Contract states that the Grantee shall submit engineering and design documentation to the State for review and approval before initiating construction to demonstrate compliance with Minimum Technical Specifications and Program Accessibility Requirements as described in the Fast Charge TN Network Program Guidelines.

Procurement Activity - *to be completed prior to submitting a purchase order for new equipment or services*

Section D.20 of the Grant Contract requires that the procurement of equipment or services be made on a competitive basis, including the use of competitive bidding procedures, where practical. In each instance where it is determined that use of a competitive procurement method is not practical, supporting documentation shall include a written justification for the decision and for use of a noncompetitive procurement. The Grantee shall obtain prior approval from the State before purchasing any equipment under the Grant Contract. Do not purchase any equipment under the Fast Charge TN Network Grant Program until the State has reviewed and approved this Procurement activity in the TDEC Grants Management System. The Procurement activity must be completed prior to the Grantee submitting a purchase order for new equipment or services to be reimbursed under the Grant Program. The Grantee must complete this activity for each individual purchase order submitted under the Grant Program.

Competitive Bidding Procedure: If the Grantee used a competitive bidding procedure, this option must be selected under the "Procurement Guidelines & Uploads" tab within the Procurement activity. Then, the Grantee must upload the following:

- All bids received via the competitive bidding procedure, with each file labeled with the correct vendor name.
- Copies of your organization's bid solicitation or bid advertisement.
- A written description which includes the name of the vendor and equipment/services your organization proposes to secure under the Grant Program.
- A written justification for selection of a quote or bid which is not the lowest quote or bid received, if applicable.

Alternative Procurement Procedure: If the Grantee used an alternative, non-competitive procurement procedure, this option must be selected under the “Procurement Guidelines & Uploads” tab within the Procurement activity. Then, the Grantee must upload the following:

- A written justification as to why a competitive bidding procedure was not used, and why it was not practical for your organization.
- A copy of the bid or quote received by your organization from your proposed vendor.
- A written description including the name of the vendor and the equipment/services your organization proposes to secure under this grant program.

Debarment Status: Any entity receiving TDEC grant funds must provide non-debarment verification if total goods or services for the open contract are equal to or greater than \$25,000. Search for your organization and entity to confirm that you are not on the Debarment List by going to [System for Award Management \(SAM\)](#). Under the “Debarment Status” tab within the Procurement activity, all Grantees must verify that both their organization and the vendor from which the Grantee is securing equipment/services are not on the federal debarment list. Directions for doing this are as follows:

- Go to the [System for Award Management \(SAM\)](#)
- Click "SEARCH RECORDS" tab.
- In the search bar, type in the Entity name or using an exclusion search term, Duns & Bradstreet number (DUNS) and/or the Entity Commercial and Government Entity (CAGE) code. You can only use one search bar at a time to search for records. Individuals are not assigned a DUNS number or CAGE code. When checking for a debarred individual, conduct the search by typing the name in the top bar.
- Click "SEARCH" to retrieve a list of results. Entities with "Exclusion" listed in purple are currently debarred, while those labeled "Entity" in green do not have exclusions. In the right upper corner of the webpage, use the "Save PDF" option and upload a summary of search results.

Required Reporting Activity – *to be completed prior to all established Grantee reporting deadlines for Quarterly Reporting, Annual Reporting, and Final Reporting*

Quarterly, Annual, and Final Reporting must be submitted by the Grantee through the GMS prior to established deadlines throughout the Grant Contract term. Within this activity, the Grantee will select “Quarterly,” “Annual,” or “Final” and then provide the required information.

Quarterly Reporting: Section A.2.f. of the Grant Contract states that the Grantee must submit quarterly reports to include updates on site selection, site host agreement negotiation and execution, environmental review, site design and engineering, procurement of equipment and services, and construction and/or installation until the project has been completed (i.e., grant-funded charging infrastructure is installed and commissioned). Such reports shall include a complete description of the status of the project (including actual or projected termination date), development, implementation, and any modification. Quarterly reports shall be due no later than January 10, April 10, July 10, and October 10 of each year of the Grant Contract term. Please see

Appendix A of this Grant Program Manual for the Quarterly Reporting Template and the required information the Grantee must provide.

Annual Reporting: Section A.2.g. of the Grant Contract states that the Grantee shall submit, within three (3) months of the conclusion of each year of the Term, an annual report. Such reporting shall include those items listed in Section D.18 of the Grant Contract, as well as station usage (number of charging events, duration of each charging event, start and stop time of each charging event, amount of electricity dispensed at each charging event in kWh, fees collected for each charging event, aggregate amount of electricity dispensed over the reporting period in kWh, aggregate fees collected over the reporting period, station downtime in hours per year as well as calculated as a percent (e.g., 175 hours or 2% downtime)), the internal accounting controls and mechanisms to be used by the Grantee to ensure that all such program income is reinvested in or used to defray ongoing costs of the project, and an explanation of program income expenditures during the reporting period. In addition, the Grantee will be responsible for compiling and submitting annual reports for a period of five years, to begin following equipment procurement, delivery, installation, and commissioning. These reports may be combined with the annual report requirements noted in Section D.18 during the Grant Contract Term, where possible. Following the close of the Grant Contract Term, these reports shall be due no later than 30 days after the close of the Grantee's fiscal year. The obligations set forth in Section A.2.g. shall survive the expiration of the Grant Contract. Please see Appendix B of this Grant Program Manual for the Annual Report Template and the required information the Grantee must provide.

Final Reporting: Per Sections A.2.h. and D.18. of the Grant Contract, the Grantee shall submit a final project report within three months of the completion of the Grant Contract Term. (This report may be combined with the annual report for the final year of the grant period.) Please see Appendix C of this Grant Program Manual for the Final Report Template and the required information the Grantee must provide.

Request for Grant Reimbursement Activity - *to be completed following onsite and desktop monitoring and completion of all Grant Contract requirements*

Following onsite monitoring of fast charging infrastructure by TDEC OEP staff and completion of all Grant Contract requirements under the Grant Program, the Grantee may submit a Request for Reimbursement activity through the GMS. This activity includes a number of required uploads as follows:

- Expenditures and Individual Accountability Report (click on the blue button that says "Enter Expenditures" and add the appropriate budget information under the corresponding budget line-item categories)
- Remittance address (If the Remit Address has changed since the last reimbursement request or grant, Grantees must complete a W-9 and new Automated Clearing House (ACH) Direct Deposit Authorization form. Grantees should expect a minimum of 10-15 business days for processing.)

Tennessee Department of Environment and Conservation
Office of Energy Programs
Williams R. Snodgrass Tower
312 Rosa L. Parks Ave. 2nd Floor, Nashville, TN 37243
PH: 615-741-2994

- Service date period or the dates of service for the invoice (e.g., xx/xx/xxx to xx/xx/xxxx) as well as an indication of whether the reimbursement request reflects an accrued liability for the State.
- Supporting documentation, including:
 - **Itemized** invoices for all expenses (see the sample invoice provided within the Grant Program Manual), including both an invoice from the vendor to the Grantee as well as an invoice from the Grantee to the State
 - Proof of payment to vendor for **each line item** (upload one of the following for each contracted payment: check register, copy of check issued, canceled check, or credit card statement)
 - Proof of payment for in-kind labor (if applicable; upload copies of the following: signed timesheets, signed list of employees, hours worked)
- Certification
 - The Grantee's **authorized signatory** will certify to the best of their knowledge and belief that the data submitted is correct, that all expenditures were made in accordance with the contract condition, and payment is due and has not been previously requested.

Fast Charge TN Network Program Guidelines

Tennessee Valley Authority (TVA)

and

Tennessee Department of Environment and Conservation (TDEC)

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Site Selection Guidelines

Proximity to Corridor

- Fast charging sites should be located within one driving mile of the corridor they support (e.g., at an interstate exit or directly off the highway). At a maximum, sites must be no further than five driving miles from the corridor.

Signage and Site Visibility

- As the electric vehicle driver may be unfamiliar with the area, charging sites should be visible and easy to find. Signage on the host property can help draw attention to the charging stations and, if possible, local “wayfinding” signage can direct drivers from the corridor to the charging site.
- The host site should offer ample space for vehicle traffic so that drivers can comfortably enter the lot and locate the charging station.

Access to Power

- Locating the charging site near an existing power supply is a key step in limiting the overall cost of the installation. Most fast charging stations utilize 480 volt three phase power (although single phase options do exist integrating energy storage systems).
- Assessing the location and capacity of electrical distribution equipment, including transformers, located near desirable corridor exits is also a key step in the site selection process.
- To keep trenching costs low, minimize the distance from electrical distribution equipment to the charging station.
- If utilizing the TVA wholesale electric vehicle rate, charging stations must be separately metered from the host business in order to isolate energy utilized for charging. Consider accessibility of the electrical equipment as well as the charging site electrical meter.

Site Amenities and Safety Features

- Charging stations must be located at a host site that supports 24 hours / 7 days a week public access at no cost for entry. Basic safety features such as ample lighting, on-site personnel, and other features that make the electric vehicle driver feel secure are also critical considerations.
- A fast charging experience is distinguished from a typical retail gas station stop by the length of time required. Some fast charging sessions will require 20 to 30+ minutes to complete. Given the charging time involved, on-site access or “walking distance” access to bathrooms, retail shopping, food and dining options, local attractions, and other amenities is highly desired.
- Reliable cellular network access is important. Most charging stations use cellular modems to connect to network management systems for various functions such as payment processing and monitoring. Identifying cellular signal strength at a potential site and which carrier serves that particular location can help charging station companies ensure the appropriate equipment is included.

Environmental Impact

- In general, ideal charging sites with access to amenities and other features will be located in previously developed areas (e.g., existing parking lots). Therefore, the potential impact to the surrounding environment should be minimal. However, during site selection, pay attention to the potential impacts of removing trees, impacting stormwater run-off / drains, or altering nearby wetlands and animal habitats. A completed **Environmental Review Checklist** must be reviewed and approved before construction can begin.

Host Site

- The site host (property owner) will serve as a business partner in operating the fast charging station. Local power company owner/operators of charging stations may rely on the site host for various operating needs, such as a limited degree of customer service. Look for site owners and businesses that are professionally operated, well-established, and interested in partnering to serve electric vehicle drivers.

Charging Station Site Layout and Accessibility

- A site with two charging stations could require a “footprint” up to approximately 36’ x 20’ (approximately four normal size parking spots) depending on layout design and incorporation of Fast Charge Network Program **Accessibility Requirements**. It is important that sites have enough space now and can accommodate future expansion. The site should also be appropriately zoned for commercial activities.
- Charging stations should be located away from potential hazards including excessive traffic and industrial activity. Local authorities may have minimum distance requirements for electrical equipment like electric vehicle charging stations, requiring such to be located a safe distance away from ignition sources such as gas pumps or underground storage tanks.
- If possible and practical, consider site layouts that allow “pull through” access much like gas pump setups. This allows larger vehicles and vehicles with trailers to charge without backing-in or having to disconnect trailers.
- Charging sites must be accessible to people with limited mobility, such as individuals who utilize wheelchairs. Avoid locations with steep grades, stairs, and tall curbs. Refer to the Fast Charge Network Program **Accessibility Requirements** for exact specifications.
- Avoid placement of charging stations where cords could create tripping hazards and consider whether nearby landscaping will interfere with the charging stations or parking spaces.

Potential Future Expansion

- Always develop charging sites with future expansion in mind. Electric vehicle adoption is forecasted to grow substantially in the coming years as is the need for fast charging stations.
- In addition to the available site area, future expansion applies to sizing of electrical distribution equipment including transformers, concrete pads, electric panels, disconnects, size and number of conduit installed, etc.

Environmental Review

Grantees will be required to complete an **Environmental Review Checklist** of their chosen site, to be provided by their respective funding partner. As an example, TVA's environmental review checklist is included in this document. TDEC will share its environmental review checklist once grantees are selected (following submission of the Notice of Intent form). The completed checklist must be reviewed and approved by the grantee's funding partner before construction can begin.

DRAFT

TVA Environmental Review Checklist

The goal of this program is to develop electric vehicle charging stations with minimal impact to the surrounding environment. TVA will review this environmental checklist and follow up with the Program Participant as appropriate, in accordance with TVA’s legal and policy requirements associated with this program. Please provide the following information to TVA program management staff via email (agfrye@tva.gov and copy dcarter6@tva.gov) before any construction activities begin, for final environmental review and charging site approval.

Local Power Company (Program Participant): _____

Proposed Charging Site Address (or lat/long): _____

In general, if the proposed electric vehicle charging site is located within previously developed areas, such as: parking lots, gas stations, recently graded land, sites situated on fill material, or other similar low impact situations; and associated activities such as installation of signage, construction of new utility distribution poles or underground utilities, etc. are completely within previously disturbed areas, additional review is not likely required.

If the answer to any question below is *YES*, further review of environmental impacts by TVA or by the Program Participant, as directed by TVA, may be required. If the answer to any question is *YES*, consider locating another site that avoids these potential impacts and reach out to TVA to understand additional review responsibilities and costs.

<input type="checkbox"/> Yes <input type="checkbox"/> No	Is the proposed charging site located within the 100-year floodplain as shown on FEMA Flood Insurance Rate Maps ?
<input type="checkbox"/> Yes <input type="checkbox"/> No	Is the proposed charging site located within the 500-year floodplain of a TVA reservoir, or where TVA owns property or a flowage easement?
<input type="checkbox"/> Yes <input type="checkbox"/> No	Will development of the charging site require the removal of trees greater than three inches in diameter measured at breast height or any forest clearing?
<input type="checkbox"/> Yes <input type="checkbox"/> No	Will development of the charging site require filling in of wetlands or streams, or filling in streamside management zones?
<input type="checkbox"/> Yes <input type="checkbox"/> No	Will development of the charging site require ground disturbances (ex. new utility poles) outside of existing developments such as parking lots, roadways, buildings, or other impervious surfaces and/or outside of previously disturbed land (ex. greenfield)?
<input type="checkbox"/> Yes <input type="checkbox"/> No	Will development of the charging site result in impacts to caves, sinkholes, streams, or wetlands?
<input type="checkbox"/> Yes <input type="checkbox"/> No	Will development of the charging site require demolition of an existing structure?
<input type="checkbox"/> Yes <input type="checkbox"/> No	Is the proposed charging site located on the same property as, or adjacent to, a structure 50 years old or greater?
<input type="checkbox"/> Yes <input type="checkbox"/> No	Is the charging site located within a zoned historic district with the National Register of Historic Places ?
<input type="checkbox"/> Yes <input type="checkbox"/> No	Is the charging site located on property owned by a federally recognized Indian tribe?

Fast Charge Network
Program Guidelines

*Please attach pictures showing the proposed charging site and surrounding environment; including the top of nearby utility poles, lights, or other tall structures adjacent to the proposed charging site.

This form must be completed and signed by an authorized representative or agent for the Program Participant, an individual who can certify, under penalty of law, and based on information and belief formed after reasonable inquiry and appropriate training or licensing, that the statements and information contained in this Environmental Review Checklist are true, accurate and complete.

Program Participant Representative (Signature): _____ Date: _____

Minimum Technical Specifications

With regard to the use of terminology (charging station, charger, site, location, plug, and port), please reference Figure 1 below.



Figure 1

Charging Station and Charging Site Minimum Technical Specifications

Unless otherwise agreed upon, the following specifications must be met in order to qualify for reimbursement under the Fast Charge Network Program:

- Each charging site must have at minimum two charging stations; up to four charging stations is allowable under this program if authorized by the authorizing agency.
 - If only two charging stations are installed initially, the site should be easily expandable to accommodate four charging stations in the future.
 - For program reimbursement purposes, a “charging station” is defined as an electrical device capable of charging a single electric vehicle. If a device is capable of charging two electric vehicles simultaneously, it will be considered two charging stations; however, the ability to charge two vehicles alone may not meet all charging site specifications (see plug type specifications and illustrative examples below).
- At the very minimum, each charging site must be capable of delivering at least 120kW to a single vehicle (assuming the vehicle is capable of accepting such power input). Power sharing equipment is acceptable.
- Each charging site must have the ability to charge at least two combined charging standard “CCS” plug vehicles (e.g., two Chevy Bolts) simultaneously while supplying at least 50kW to each.
- Each charging site must have the ability to charge at least one CHAdeMO plug vehicle (e.g., one Nissan LEAF) with at least 50kW supply.

- Charging stations capable of delivering higher power charging ~150-180+kW or upgradability / expansion capabilities to these power levels in the future is highly desirable.
- Charging stations should support electric vehicles with nominal 400Vdc up to 900+Vdc battery architectures.
- Charging stations must meet relevant technical and/or safety standards, including but not limited to UL 2202, and Code of Federal Regulations, Title 47, Part 15 (47 CFR 15), and must have valid certification(s) from a Nationally Recognized Testing Laboratory (NRTL).
- It is desirable that charging stations include or be able to be upgraded in the future to support ISO 15118 “Plug & Charge” capabilities.
- Charging stations must be capable of utilizing Open Charge Point Protocol (OCPP) V1.6 or newer for communications to various network back-ends (i.e., the system must be able to “default” to OCPP for basic functionality).
- Charging stations must be connected to an operating network and must have the ability to switch between OCPP networks.
- Charging stations must support continuous operations even when network connectivity is not available or consumer cell phone service is not available (i.e., “default on” with loss of network).
- Charging stations must be accessible to “walk up” consumers. This means that consumers must be able to initiate a charge session without a prior membership or network interaction in a simple, straightforward process.
- Charging stations and network system must include multiple payment options for drivers (including the ability to pay with a credit card, at a minimum).
- Charging stations and network system must follow cyber security and data privacy best practices, including but not limited to:
 - Payment methods must follow the Payment Card Industry Data Security Standard (PCI DSS);
 - Ability to furnish SOC II Type II report or ISO 27001 certificate;
 - End-to-end encryption with all data encrypted in transit and at rest; and
 - GDPR/CCPA for data protection and privacy.
- Charging stations and network system must provide 24/7 customer service and support.
- Any operating network system for a charging station must follow network “roaming” best practices established by the Open Charge Point Interface (OCPI) protocol.
- Any operating network system must be capable of network uptime of 98% or greater.
- Any operating network system must proactively monitor charging stations for maintenance needs and notify/dispatch for corrective action as issues are identified.

Illustrative Examples vs. Minimum Specifications

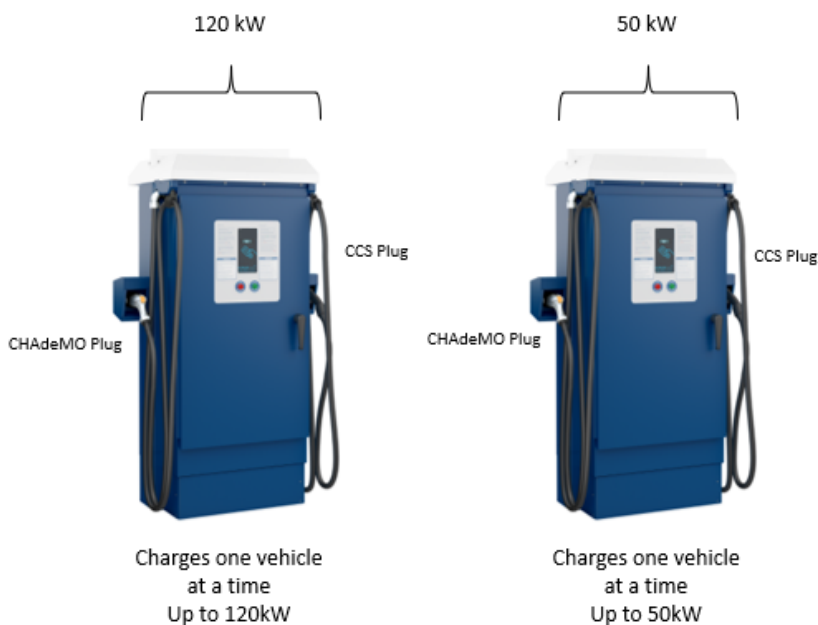
Example: Single vehicle charging stations



- ✓ Min. two vehicles charging at same time
- ✓ Min. 120kW possible
- ✓ Min. 50kW to each vehicle
- ✓ Charge two CCS plug vehicles
- ✓ Charge at least one CHAdeMO plug vehicle

- Counts as “two charging stations” for reimbursement purposes because two vehicles can charge at the same time

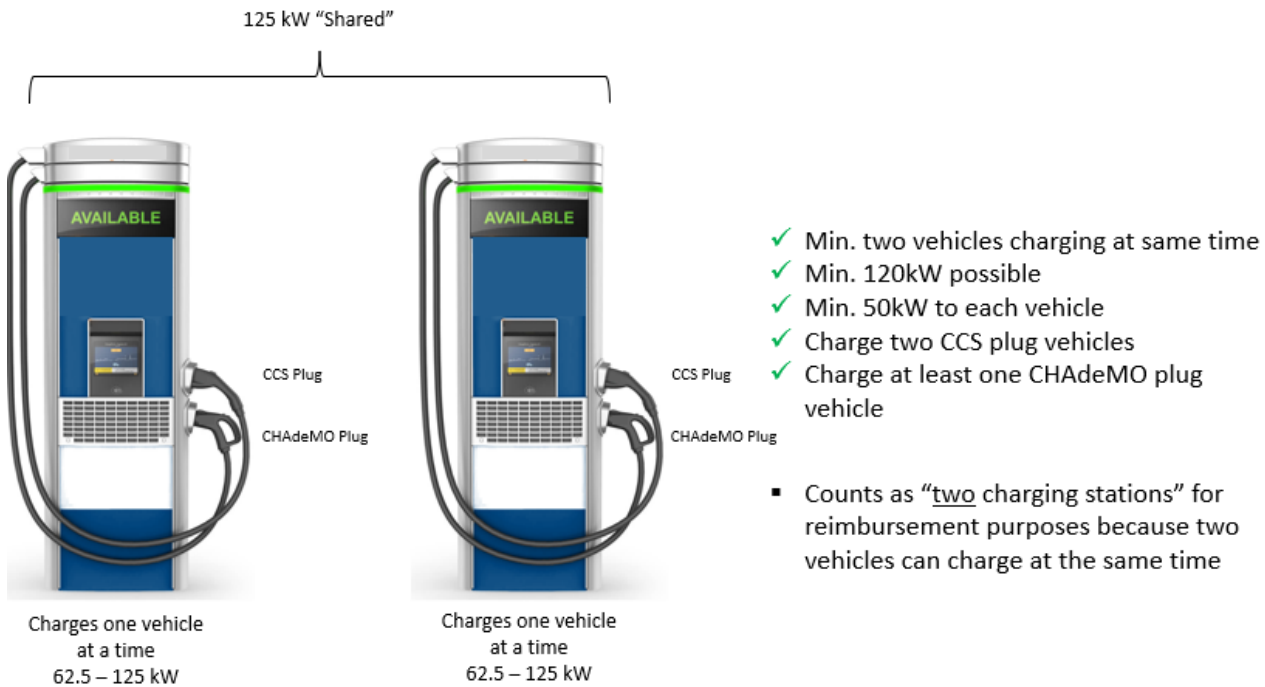
Example: Single vehicle charging stations (different power levels)



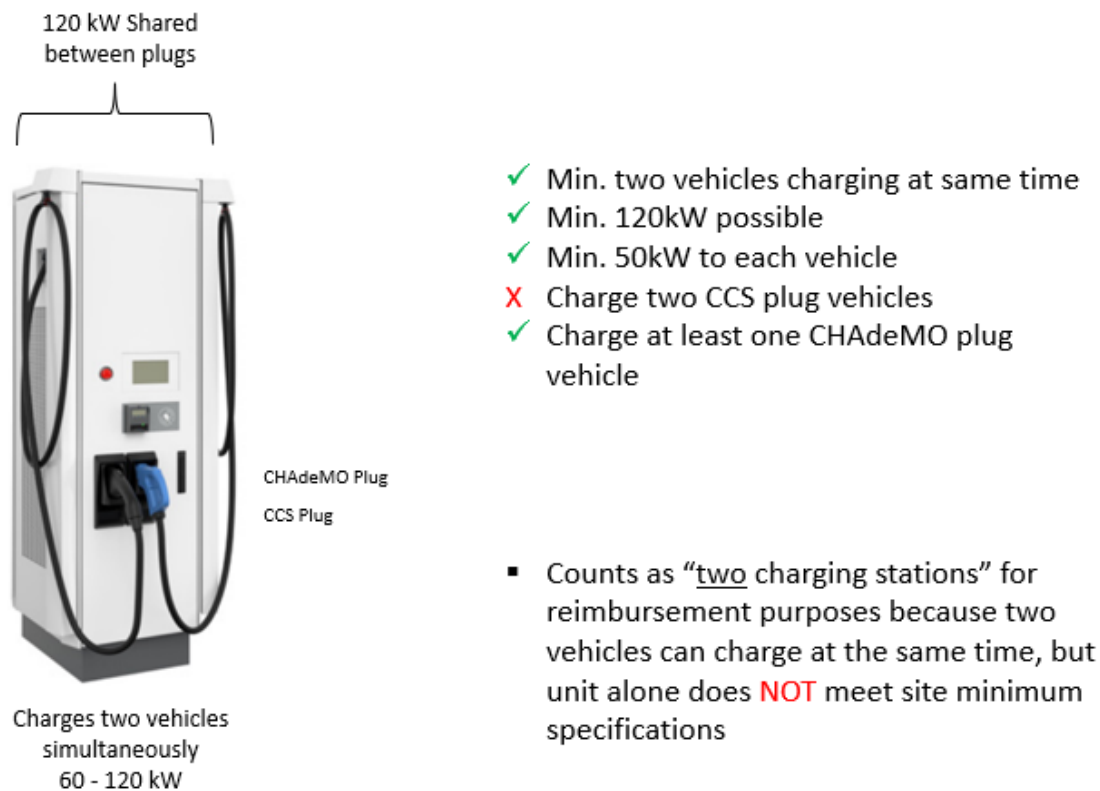
- ✓ Min. two vehicles charging at same time
- ✓ Min. 120kW possible
- ✓ Min. 50kW to each vehicle
- ✓ Charge two CCS plug vehicles
- ✓ Charge at least one CHAdeMO plug vehicle

- Counts as “two charging stations” for reimbursement purposes because two vehicles can charge at the same time

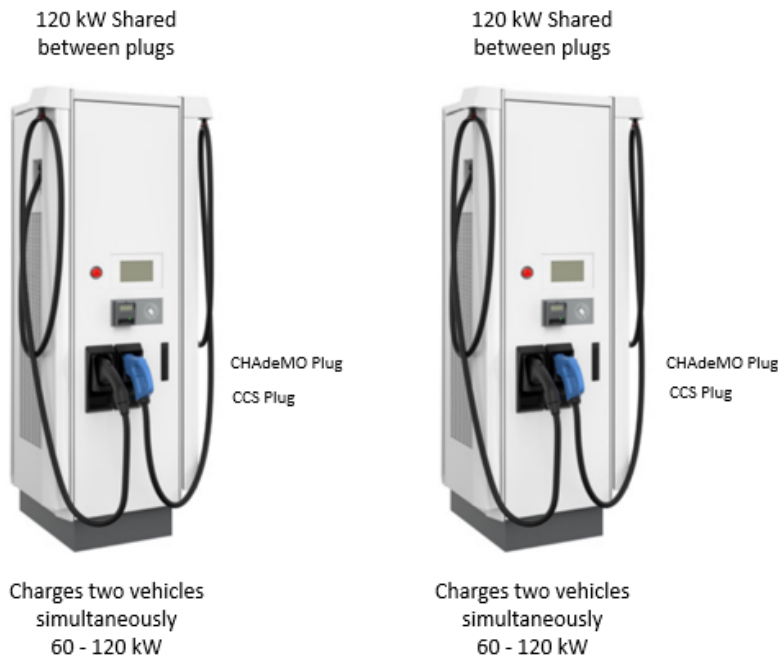
Example: Power sharing between two charging stations



Example: Single Dual Charging Station



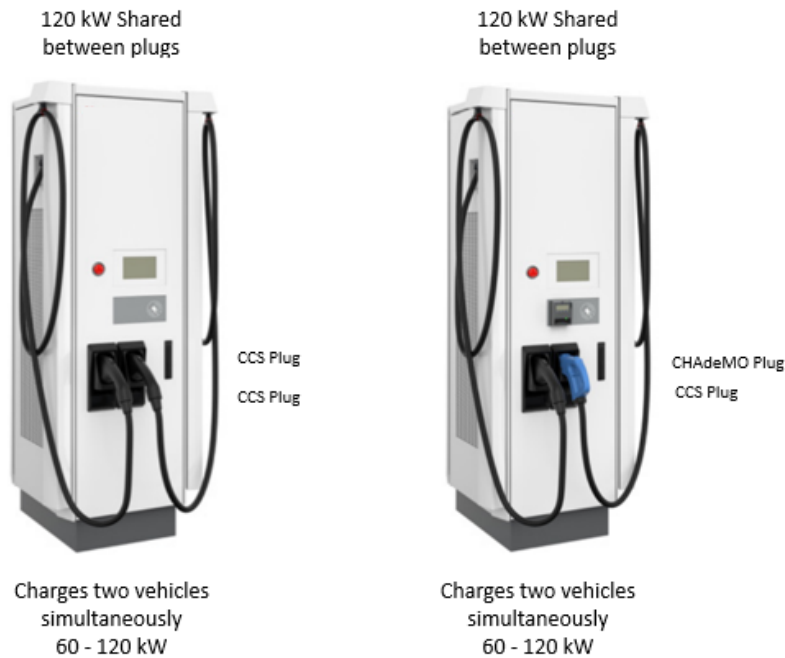
Example: Multiple Dual Charging Stations



- ✓ Min. two vehicles charging at same time
- ✓ Min. 120kW possible
- ✓ Min. 50kW to each vehicle
- ✓ Charge two CCS plug vehicles
- ✓ Charge at least one CHAdeMO plug vehicle

- Counts as “four charging stations” for reimbursement purposes because four vehicles can charge at the same time

Example: Multiple Dual Charging Stations (CCS/CCS & CCS/CHAdeMO plugs)



- ✓ Min. two vehicles charging at same time
- ✓ Min. 120kW possible
- ✓ Min. 50kW to each vehicle
- ✓ Charge two CCS plug vehicles
- ✓ Charge at least one CHAdeMO plug vehicle

- Counts as “four charging stations” for reimbursement purposes because four vehicles can charge at the same time

Enhanced Technical Specifications

With regard to the use of terminology (charging station, charger, site, location, plug, and port), please reference Figure 1 below.



Figure 1

Charging Station and Charging Site Enhanced Technical Specifications

The following specifications must be met in order to qualify for **Enhanced Technical Specifications** under the Fast Charge Network program:

- Each charging site must be **within one mile of the interstate or highway** unless a discretionary exception has been granted.
- Each charging site must have at **minimum two 150kW charging stations** (four 150kW charging stations encouraged).
- Each charging site must have minimum power capability at or above 300kW and supports at least 150kW per port simultaneously across at least two ports for charging.
- Power sharing across ports and/or charging stations is permitted so long as it does not reduce the output per port below 150kW.
- Each charging site must have the ability to charge at least two combined charging standard “CCS” plug vehicles (e.g., two Chevy Bolts) while supplying at least 150kW to each.
- Each charging site must have the ability to charge at least one CHAdeMO plug vehicle (e.g., one Nissan LEAF).
- Sites capable of delivering higher power charging ~180-350+kW or upgradability / expansion capabilities to these power levels in the future is highly desirable.
- Charging sites capable of being easily upgraded / expanded to support at least four 150kW charging stations is highly desirable.

- Charging stations should support electric vehicles with nominal 400Vdc up to 900+Vdc battery architectures.
- Charging stations must meet relevant technical and/or safety standards, including but not limited to UL 2202, and Code of Federal Regulations, Title 47, Part 15 (47 CFR 15), and must have valid certification(s) from a Nationally Recognized Testing Laboratory (NRTL).
- It is desirable that charging stations include or be able to be upgraded in the future to support ISO 15118 “Plug & Charge” capabilities.
- Charging stations must be capable of utilizing Open Charge Point Protocol (OCPP) V1.6 or newer for communications to various network back-ends (i.e., the system must be able to “default” to OCPP for basic functionality).
- Charging stations must be connected to an operating network and must have the ability to switch between OCPP networks.
- Charging stations must support continuous operations even when network connectivity is not available or consumer cell phone service is not available (i.e., “default on” with loss of network).
- Charging stations must be accessible to “walk up” consumers. This means that consumers must be able to initiate a charge session without a prior membership or network interaction in a simple, straightforward process.
- Charging stations and network system must include multiple payment options for drivers (including the ability to pay with a credit card, at a minimum).
- Charging stations and network system must follow cyber security and data privacy best practices, including but not limited to:
 - Payment methods must follow the Payment Card Industry Data Security Standard (PCI DSS);
 - Ability to furnish SOC II Type II report or ISO 27001 certificate;
 - End-to-end encryption with all data encrypted in transit and at rest; and
 - GDPR/CCPA for data protection and privacy.
- Charging stations and network system must provide 24/7 customer service and support.
- Any operating network system for a charging station must follow network “roaming” best practices established by the Open Charge Point Interface (OCPI) protocol.
- Any operating network system must be capable of network uptime of 98% or greater.
- Any operating network system must proactively monitor charging stations for maintenance needs and notify/dispatch for corrective action as issues are identified.

Illustrative Examples vs. Enhanced Specifications

Example: Single vehicle charging stations



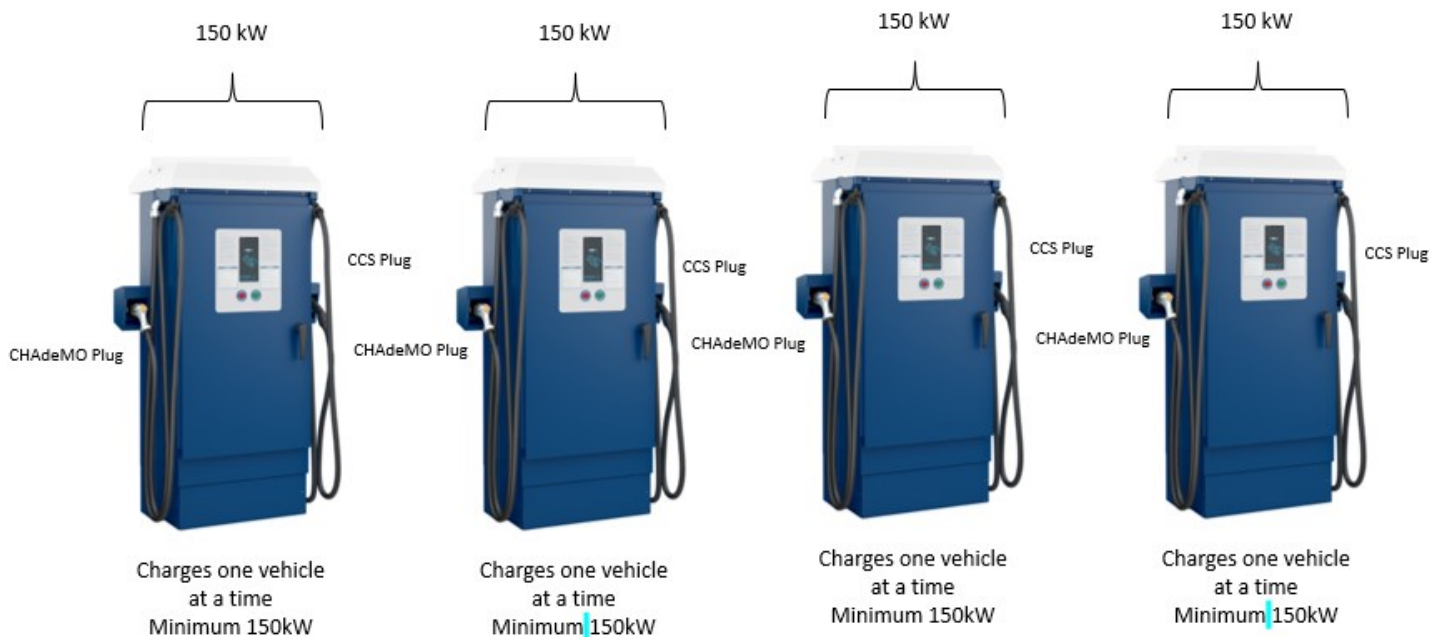
- ✓ Min. two vehicles charging at same time
- ✓ Min. 150kW to each vehicle at the same time
- ✓ Charge two CCS plug vehicles
- ✓ Charge at least one CHAdeMO plug vehicle

- Counts as “two charging stations” for reimbursement purposes because two vehicles can charge at the same time

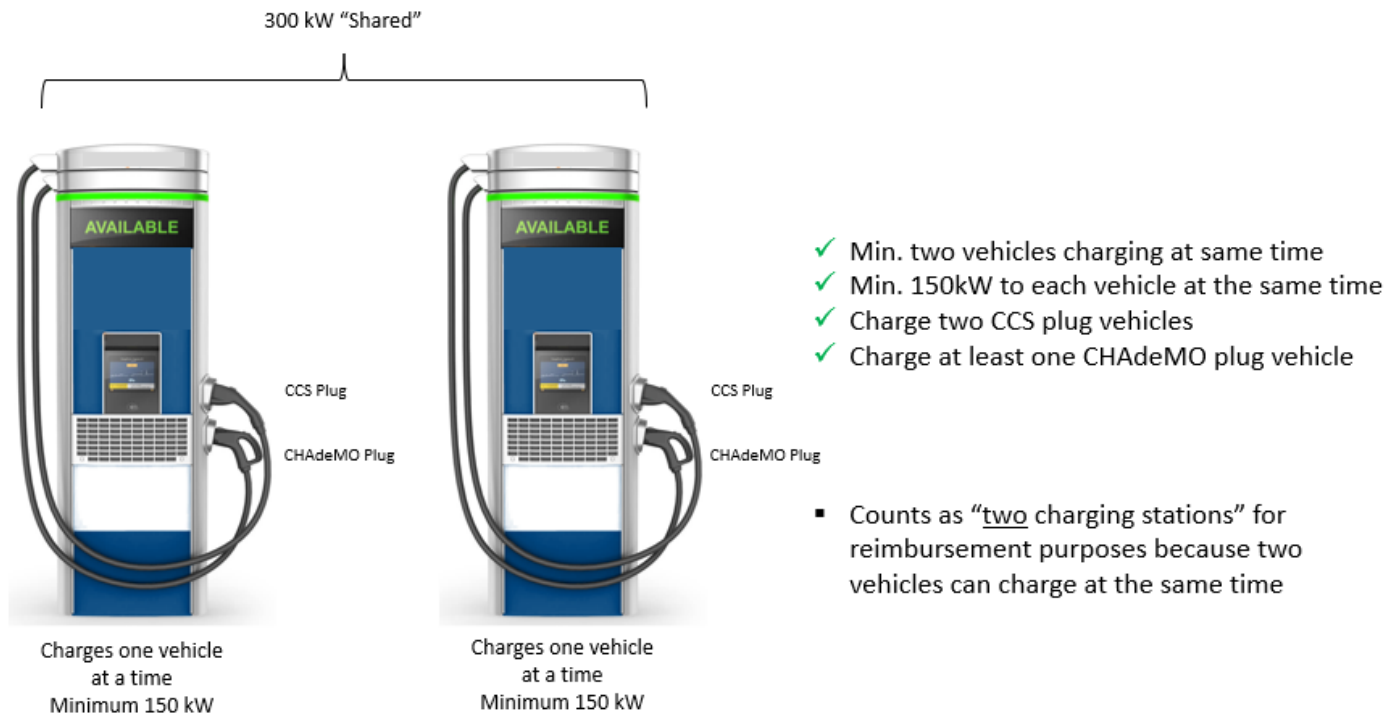
Example: Single vehicle charging stations

- Counts as “four charging stations” for reimbursement purposes because four vehicles can charge at the same time

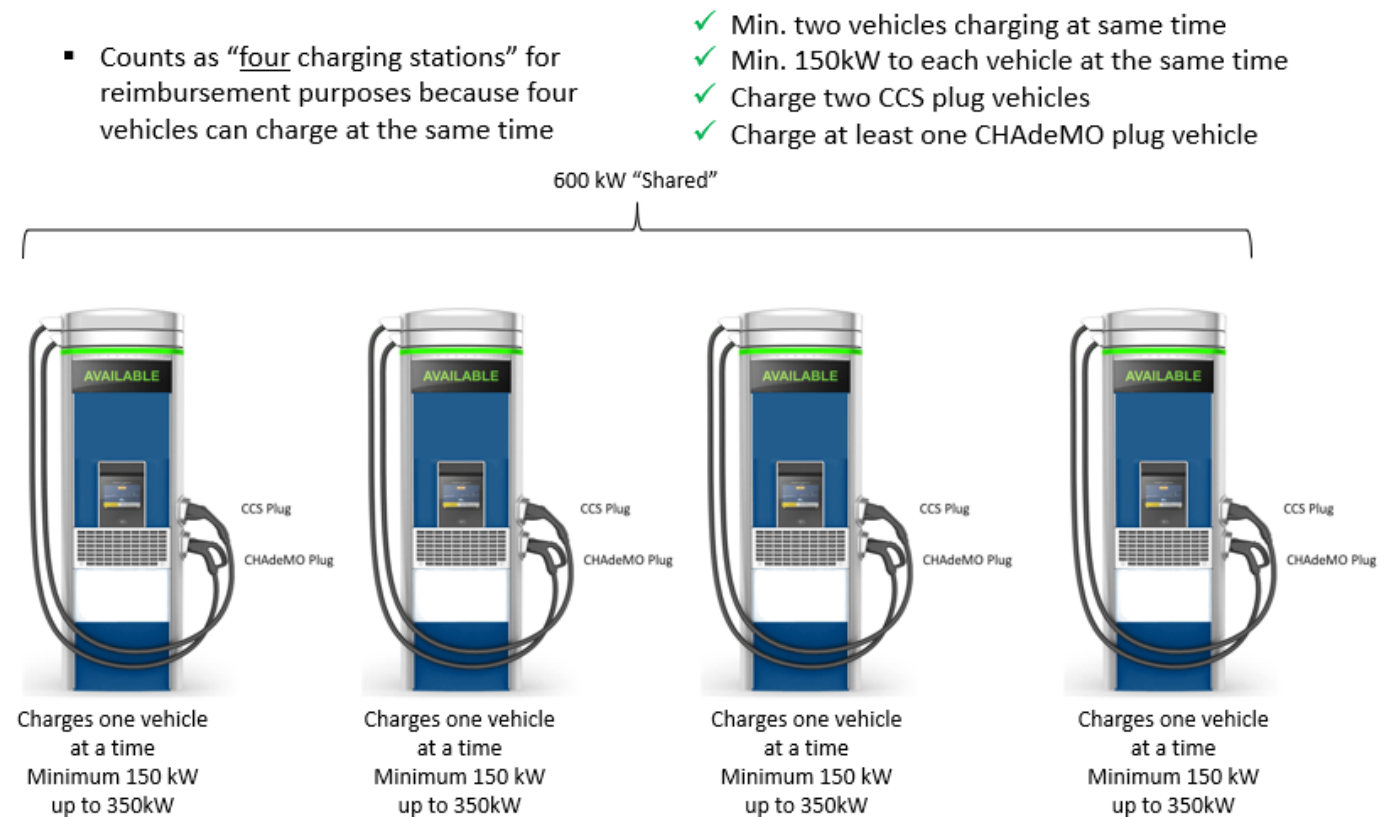
- ✓ Min. two vehicles charging at same time
- ✓ Min. 150kW to each vehicle at the same time
- ✓ Charge two CCS plug vehicles
- ✓ Charge at least one CHAdeMO plug vehicle



Example: Power sharing between two charging stations



Example: Power sharing between four charging stations



Example: Single Dual Charging Station



- ✓ Min. two vehicles charging at same time
- ✗ Min. 150kW to each vehicle at the same time
- ✗ Charge two CCS plug vehicles
- ✓ Charge at least one CHAdeMO plug vehicle

- Counts as “two charging stations” for reimbursement purposes because two vehicles can charge at the same time, but unit alone does **NOT** meet site enhanced specifications

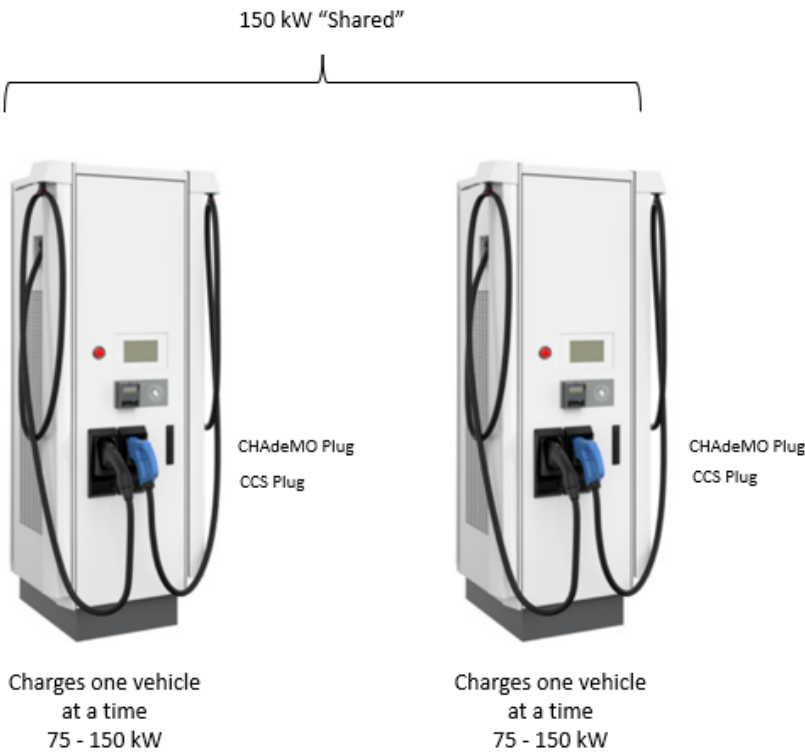
Example: Multiple Dual Charging Station



- ✓ Min. two vehicles charging at same time
- ✗ Min. 150kW to each vehicle at the same time
- ✓ Charge two CCS plug vehicles
- ✓ Charge at least one CHAdeMO plug vehicle

- Counts as “four charging stations” for reimbursement purposes because four vehicles can charge at the same time, but this setup alone does **NOT** meet site enhanced specifications

Example: Power sharing between two charging stations



- ✓ Min. two vehicles charging at same time
- ✗ Min. 150kW to each vehicle at the same time
- ✓ Charge two CCS plug vehicles
- ✓ Charge at least one CHAdeMO plug vehicle

- Counts as "two charging stations" for reimbursement purposes because four vehicles can charge at the same time, but this setup alone does **NOT** meet site enhanced specifications

Americans with Disabilities Act (ADA)

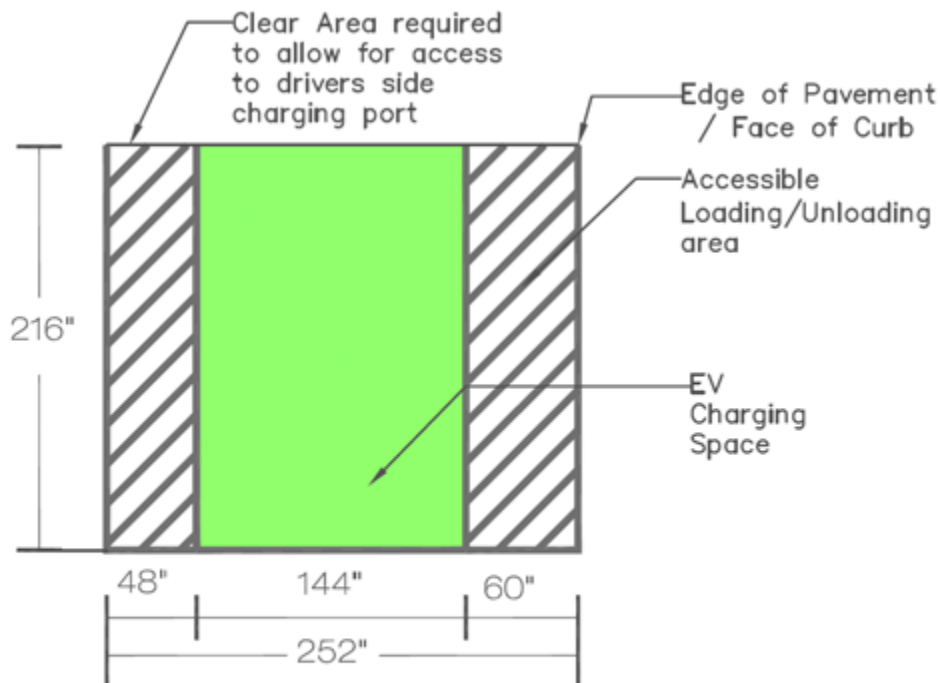
The information contained in this section is for general information purposes only and does not, and is not intended to, constitute legal advice. A signatory to an Electric Vehicle Fast Charger Program Agreement or Grant Contract with responsibility for purchasing and installing the electric vehicle (EV) charging stations (for purposes of this section, “Program Participant”) should consult with the Program Participant’s legal advisor regarding the applicability of the ADA or any state accessibility requirements to EV charging stations. Each signatory to an Electric Vehicle Fast Charger Program Agreement or Grant Contract with responsibility for reimbursing certain Program Participant project costs (for purposes of this section, “Funding Agency”) disclaims any liability for any actions or omissions of Program Participants based on the contents of this section.

It is the responsibility of each Program Participant to consult the Program Participant’s legal advisor to determine whether the Program Participant’s publicly-accessible EV charging stations may be subject to current requirements of the ADA and any state accessibility requirements and, if so, what steps the Program Participant must take to ensure compliance. While participation in the Fast Charge Network Program requires that the Program Participant meet accessibility requirements, described below, the Funding Agency does not warrant that meeting the Accessibility Requirements required by the Fast Charge Network Program, including any approved Accessibility Deviation Request, satisfies the requirements of the ADA or any state accessibility requirements. The Funding Agency will not be liable for failure of the Program Participant to comply with any ADA or state accessibility requirements. As a reference only, the ADA statutory language can be viewed [here](#) and [here and a guidance on standards can be viewed here](#).

Fast Charge Network Program Accessibility Requirements

To provide accessibility, each Program Participant must, as a requirement of the Fast Charge Network Program, include at least one van-accessible EV charging stall (EVCS) at each Fast Charge site that meets the following requirements (“Accessibility Requirements”). These requirements were developed in consultation with the Tennessee Department of Transportation’s (TDOT) Roadway Design Division.

- Total stall width, including both access aisles, shall be a minimum of 252”
- Parking stall min. width: 96”
- Stall min. length: 216”
- Access aisles:
 - Access aisle with 60” min. width must be located along one side of EV charging stall, be the same length as the stall(s) it serves, and connect to an accessible route to the charging station. It is preferable, but not required, to locate this 60” aisle adjacent other EV charging stalls
 - Access aisle with 48” min. width must be located along opposite side of EV charging stall, be the same length as the stall(s) it serves, and connect to an accessible route to the charging station
 - Boundary of the access aisle must be marked
 - Access aisles may have 1:50 maximum slope in all directions
- Accessible path to EV charging station must be provided (wheel stops and curbs cannot be located in a manner that obstructs an accessible path to the charging station)



Van Accessible EV Charging Space

Refer to the example drawing of a van accessible EV charging stall. Should site or other constraints prohibit the inclusion of at least one van accessible EV charging stall meeting the Accessibility Requirements, the Program Participant must submit an **Accessibility Deviation Request** to the Funding Agency before proceeding with site installation. The Accessibility Deviation Request must include:

1. A written description of the site and reason for deviation from the requirement (pictures and drawings of the existing site are encouraged);
2. A proposed alternative which provides accessibility to persons with disabilities. A drawing or rendering of the proposed alternative, which includes stall dimensions, striping, and charging station location, is required; and
3. Any other information required by the Funding Agency to ensure that the proposed deviation will provide sufficient accessibility to persons with disabilities.

Upon receipt of an Accessibility Deviation Request, the Funding Agency will review the proposed alternative and may, at the Funding Agency's discretion, approve the request, deny the request, or request additional information. The Program Participant must provide all additional information requested by the Funding Agency regarding an Accessibility Deviation Request and failure to provide such information may result in denial of the request. Upon completing its review of an Accessibility Deviation Request, the Funding Agency will issue a determination in writing approving the request if the request, in the Funding Agency's sole discretion, provides an alternative for sufficient accessibility to persons with disabilities or, otherwise, denying the request. Upon approval of an Accessibility Deviation Request, the Program Participant is required to comply with the terms of the approved request instead of providing at least one van-accessible parking stall meeting the Accessibility Requirements.

Fast Charge Network Program Branding Guidelines

Branding Guidance

Lifting the brand of TVA, LPCs, and funding partners is a key aspect of implementing the Fast Charge Network. In order to ensure consistency and provide a cohesive experience across the network, TVA in partnership with LPCs and funding partners, has developed branding guidance.

This branding guidance includes visual designs and digital assets to help in promotion and education of the Fast Charge Network. We have included the high-level guidance below.

In accordance with Program Guidelines, the Fast Charge Network branding shall follow the following guidance:

- The charger must be wrapped or branded using the TVA approved design
- Designs and installation of branding inserts and/or wraps will be provided by TVA when available*
- Branding will follow state designated Fast Charge name (e.g., Fast Charge AL, Fast Charge KY, Fast Charge TN, etc.)
- Owners and operators will be provided a media kit by TVA for assistance with marketing the charger site
- All site specifications laid out in the Program Guidelines should be followed
- Branding on the charger will be limited to up to three (3) funding partners: TVA, LPC and one additional funding partner is possible. In Tennessee, TDEC will be included on all charger wraps given their overarching investment in the network

***When not available, LPCs will utilize third-party sources to install TVA provided branding design/wrap, and those costs are reimbursable under the program.**

TVA Approved Charger Design

