

EnergIIZE Commercial Vehicles Project

Application Process Step 2: Provide Supporting Documents

Megawatt Charging System (MCS) Project Attestation of Codes and Standards

Energy Infrastructure Incentives for Zero-Emission Commercial Vehicles (EnergIIZE) program supports market acceleration of infrastructure to support medium and heavy duty (MHD) zero emission vehicles (ZEVs). EnergIIZE incentivizes projects to support Megawatt Charging System (MCS) infrastructure which are compliant with all relevant safety codes, regulatory standards and SAE J3271. ZEV infrastructure deployment can be a complex endeavor involving an array of safety and regulatory codes in which infrastructure must comply. To help applicants navigate these requirements, EnergIIZE staff have created this inventory of relevant requirements. Applicants are encouraged to check relevant websites for the latest information; this list is intended for instructional purposes only and may not be comprehensive for your specific project.

To ensure EnergIIZE incentives safe, reliable technologies, we require all vendors to comply with the following codes listed below. This attestation form must be filled out by Megawatt Charging System infrastructure developers to be considered eligible for EnergIIZE incentives. If the project plans to use equipment that is not on the EnergIIZE Approved Products List (APL), the Applicant must use this form to attest that all equipment will meet all requirements below to meet the requirements of the EnergIIZE Terms and Conditions. Equipment that is installed but does not meet all requirements below, as determined by CALSTART or the CEC, is not eligible for final payment.

Company Information

Name of project point of contact (Last name, First name):	
Email address:	
Phone number:	
Vendor Company Name:	
Parent Company (if applicable):	
Project Site Address:	

Required Codes and Standards

The following standards apply to MCS Electric Vehicle Supply Equipment (EVSE).		
ANSI/UL Standards	<ul style="list-style-type: none"> • UL 2251 • UL 2263 • UL 2278 	<ul style="list-style-type: none"> • Electric Vehicle Plugs, Receptacles and Couplers • Electric Vehicle (EV) Charging Cable Testing and Certification • Electric Vehicle (EV) Charging connectors and inlets
SAE Standards	<ul style="list-style-type: none"> • SAE J1772 • SAE J3271 	<ul style="list-style-type: none"> • SAE Electric Vehicle and Plug in Hybrid Electric Vehicle Conductive Charge Coupler • SAE Megawatt Charging System for Electric Vehicles (Core Standard)
Communication Standards	<ul style="list-style-type: none"> • ISO 15118 – 10 • ISO 15118 – 11 • ISO 15118 – 20 • ISO 5474 – 3 • OCPP 2.0.1 	<ul style="list-style-type: none"> • ISO 15118 specifies the communication between Electric Vehicles (EV), including Battery Electric Vehicles and Plug-In Hybrid Electric Vehicles, and the Electric Vehicle Supply Equipment (EVSE). • Part 10: Physical layer and data link layer requirements for single-pair Ethernet • Part 11: Physical layer and data link layer conformance tests for single-pair Ethernet • Part 20: 2nd generation network layer and application layer requirements • ISO 5474 specifies functional and safety requirements for power transfer between vehicle and external electric circuit • Part 3: DC power transfer • Open Charge Point Protocol: Core and Security Certification Profiles for OCPP 2.0.1 or later (listed on Open Charge Alliance website)
IEC / ISO	<ul style="list-style-type: none"> • IEC 63379 • IEC 61851-1 • IEC 61851-23-3 	<ul style="list-style-type: none"> • Vehicle connector, vehicle inlet and cable assembly for megawatt DC charging (Core Standard) • Electric Vehicle Conductive power and energy transfer systems for electric vehicle (General Requirements) • Part 23-3: DC Electric Vehicle supply equipment for megawatt charging systems

Signature

The undersigned hereby certifies to EnergIIZE Staff (i) that they are capable, willing, and able to provide infrastructure services to the satisfaction of necessary authorities having jurisdiction and meet or exceed the requisite installation, construction, and safety standards, (ii) that the undersigned has been duly authorized by _____ (organization name) to execute and submit this information, and (iii) agree to notify EnergIIZE Staff within 30 calendar days should they no longer be capable of meeting the requisite installation, construction, and safety standards for the project identified at the address above.

Printed Name:	
Signature:	
Date of Signature	

Feb. 2026