

TECHNICAL SPECIFICATIONS AND REQUIREMENTS FOR OPERATION

This Attachment outlines ODOT-specific technical, operational, and maintenance requirements for NEVI-funded EVSE projects. These requirements are in addition to, and do not supersede, federal requirements.

1	1. Project Site Requirements	
1.1	ADA, ABA, and Section 508 Compliance	Charging station meets all ADA, ABA, and Section 508 required Design Recommendations for Accessible Electric Vehicle Charging Stations (Not exclusive ADA use)
1.2	Safety and Security	The Project site shall provide lighting to illuminate all EVSE and corresponding parking spaces. Lighting levels and requirements shall be consistent with existing jurisdictional and zoning requirements. In addition, all EVSE, electrical infrastructure, and other equipment at the Project site shall be (a) protected (e.g., bollards) from being hit by vehicles from inside and outside of the site; and (b) secured physically to prevent unauthorized access.
1.3	Connectivity	The Grantee shall ensure that there is adequate cell phone service available at the Project site. This may include an open access Wi-Fi hotspot.
1.4	Fire Extinguisher	The Grantee shall provide a functioning Class C fire extinguisher at the Project site. This extinguisher should be clearly identified on the final site plan.
1.5	Megawatt Charging Ready Infrastructure	The project site shall include conduit, switchgear, wiring, and pad to support future installation of at least one megawatt (MW) charger.
1.6	Capacity	Each project site shall provide at least 3 MWs of nameplate capacity.
1.7	Chargers	Each project site shall provide a minimum of eight charging ports, four of which must offer charging at 150kW.
1.8	Location	I-84: - The project site shall be within 5-miles of the nearest interstate exit. I-5: - The project site(s) shall be within 1-mile of the nearest interstate exit

2	2. EVSE Requirements	
2.1	Range of Operating Temperature	EVSE shall be capable of operating over an ambient temperature range of minus 22 degrees to 122 degrees Fahrenheit
2.2	Weather Resistance	EVSE shall be constructed to withstand harsh weather conditions, such as snow, heavy rains, extreme temperatures, and high winds. All above-ground structures, cabinets, and enclosures shall be designed in accordance with local building code standards, and EV charger enclosures shall have a minimum rating of NEMA 3R or NEMA 4.
2.3	Charger Locks and Tamper Protection	EVSE shall incorporate security features to deter tampering. Features shall include the use of locks on enclosures and tamper-resistant screws.
2.4	Cord Length	Charging equipment shall provide a minimum cord length of 12 feet.

3	3. Cybersecurity and Data Management Requirements	
3.1	Cybersecurity Event Notification	The Grantee shall inform ODOT of any cybersecurity event that requires notification to any person under federal or state law, including data breaches or incidents affecting an electric utility, within 24 hours of the Grantee's discovery of the event.

4	4. Operations and Maintenance Requirements	
4.1	Preventative Maintenance	The Grantee shall perform routine preventative maintenance on the EV charging infrastructure. This shall include checking for damage and vandalism and replacing any damaged or deteriorated cables or connectors.
4.2	Customer Service	The Grantee shall provide a customer service phone line and a website or text message number to report problems or issues with the EVSE or Project site. The customer service phone line and the website or text message number shall be available 24 hours a day, 7 days a week, and posted clearly and visibly at the charging stations. All contact methods must connect the customer to the Grantee and must provide access for users that have limited

		English proficiency and for people with disabilities.
4.3	Service Level Agreements and Warranties	The Grantee shall provide ODOT with proof of a warranty and parts replacement program, which may include a Service Level Agreement with the manufacturer.

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