



SB 582

Electric Vehicle Infrastructure Training Program



Background

Oregon transportation electrification needs are drastically changing. Based on the new Advanced Clean Cars II rule adopted in December 2022, Oregon will require 100% of new passenger cars sold to be zero emission vehicles by 2035.

Per ODOT's August 2022 Transportation Electrification Infrastructure Needs Analysis (TEINA) Executive Summary, Oregon had 3267 public charging ports available throughout the state in 2020. By 2035, the anticipated number of charging ports is expected to be 153,927. This is an increase of 4712%. At no point in history has Oregon attempted to develop electric vehicle (EV) infrastructure at this projected rate.

Needs

Oregon needs to develop a statewide network of electric vehicle charging points that serve all Oregonians. These charging points must be dependable and accessible to all communities. Strategically located charging stations throughout the state will bolster consumer confidence in EV technology. Consumers must view EV charging like they do gas stations of today. These stations need to be safe, reliable, and accessible. To meet the ambitious goal of over 150,000 charging stations, it will be necessary to develop worker standards that go beyond the current requirements to ensure that Oregon has a network of EV chargers that will meet the needs of today and tomorrow.

Meeting the Need

To achieve a high standard for safety in the electrical workforce, the Federal Government's own NEVI (National Electric Vehicle Infrastructure) Formula Program recommends workers be Electrical Vehicle Infrastructure Training Program (EVITP) certified electrical workers.

EVITP is a national, one-of-a-kind, brand neutral, non-profit EV industry collaborative training program created by stakeholders in the electric vehicle industry. EVITP provides curriculum to Electrical Industry Training Centers and community colleges across the United States to provide certification on the proper installation of electrical vehicle service equipment (EVSE). EVITP certified workers ensure that federal and state investments provided for the installation of EVSE are performed safely by electrical industry professionals.

Legislative Solution

SB 582 (with the -1 amendment) states that installation of state funded EVSE projects on charging points up to 25KW must have at least one electrician with an EVITP certification. When 500 or more electricians in Oregon are EVITP certified, 25% of electricians installing 25KW+ charging stations must be EVITP certified. For accessibility and equity, SB 582 provides a reimbursement to applicants who have successfully completed the training. To ensure ongoing success, the Electrical and Elevator Board will review curriculum to confirm it reflects best practices and will receive reports on the number of electricians who have completed the EVITP program, including demographic data on completion rates.



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