



Alternative Energy Systems Consulting, Inc.

AESC Transportation Electrification (TE) Practice

Overview

Our goal is to provide expert policy, analysis, and engineering support to help communities accelerate adoption of EVs, EV infrastructure, and other opportunities for electrification of the transportation sector. We provide a continuum of service from strategic planning to technical implementation and engage industry partners to offer turnkey solutions for our clients.

We provide solutions for a variety of customer types and charging scenarios.

- Workplace
- Corridor
- Destination
- Multifamily Dwelling Units (MDU)

TE Services



Strategy

Initial Planning and Roadmaps



Engineering

EVSE Charging Infrastructure Implementation



Fleet

Electrification Support



Programs

Rebate and Incentive Design and Program Support

Strategy

→	Policy	Policy assessments and recommendations for next steps for EVs and other alternative fueled vehicles (e.g., hydrogen fuel cell)
→	Funding	Identify grant and funding opportunities that fit your organization (Bipartisan Infrastructure Law)
→	Roadmaps	Comprehensive roadmaps for EV and EVSE charging infrastructure installation

Fleet

→	Manager Engagement	Engage with fleet managers to understand status and organizational requirements
→	Building Requirements	Full-scope evaluation of building energy requirements for safer and more efficient charging
→	Financial Analysis	EV procurement plans with financial analysis like total cost of ownership

Engineering

→	Electrical Equipment	On-site inspection services for electrical equipment
→	Permitting	Preparations for permits, including single-line electrical diagrams
→	Feasibility Studies	Building load analysis, feasibility studies, and preconstruction services

Programs

→	Customers	Customer engagement strategies including online platforms
→	Field Support	Inspections and other field-based support
→	Rate Design	Rate design for residential and commercial charging with forecasting and recommendations for incentives

TE Clients



About AESC, Inc.

Founded in 1994, Alternative Energy Systems Consulting, Inc. (AESC) is an energy engineering and consulting firm that drives solutions in energy efficiency, renewable energy, distributed energy resources, and software for utilities, governments, and the private sector.