



The Sacramento Area Zero Emission Vehicle Deployment Strategy

Receive and File

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Attachments: Yes

Approved by: James Corless

Referring Committee: Land Use & Natural Resources

1. Issue:

The Sacramento Area Zero Emission Vehicle (ZEV) Deployment Strategy represents a regional approach to improving air quality, reducing greenhouse gas emissions, adapting to a warming planet, and training a workforce ready to shepherd in the next generation of mobility solutions.

2. Recommendation:

None; this item is for information only.

3. Background/Analysis:

Starting in Summer 2021, SACOG partnered with the Sacramento Metropolitan Air Quality Management District (Sac Metro Air District), Sacramento Area Council of Governments (SACOG), Sacramento Regional Transit (SacRT), and the Sacramento Municipal Utility District (SMUD) to begin identifying challenges and opportunities for the region to advance the deployment of both electric and other zero-emission vehicle technologies.

In August of this year, the four agencies released the **Sacramento Region Zero Carbon Transportation Initiatives: ZEV Deployment Strategy**. This document is intended to send a clear message to state and federal that the Sacramento Region is ready for investment in electric, hydrogen, and other zero-emission vehicle technologies.

4. Discussion/Analysis:

The Sacramento Area ZEV Deployment Strategy is focused on concentrating investment in electrification, hydrogen, and other technologies to demonstrate our region's interest and readiness in a zero-emission transportation future. The plan prioritizes investments under resourced communities, personal vehicles, shared-ride vehicles, public and private transit, micro-transit and shuttles, and medium-duty and heavy-duty (MD-HD) fleets. The attached document details four complementary programs aimed at preparing the region for a zero-emission future including:

1. Transit Fleet Conversion & Refueling Infrastructure
2. Goods Movement and Medium & Heavy Duty Fleet Transition
3. Charging & Transportation Options for Under Resourced Communities
4. Workforce Development

Staff provided the Land Use & Natural Resources Committee with a brief presentation on the deployment strategy as well as the progress made to date. To this end, SACOG recently received a Caltrans grant for the **Northern CA Megaregion Zero Emission Medium/Heavy Duty Vehicle Study** which will identify actions and milestones to implement the electric charging and hydrogen refueling infrastructure needed to support the deployment of Medium-duty/heavy-duty (MD/HD) zero-emission vehicles (ZEVs) in the region. This study will build upon the three-state 2020 West Coast Clean Transit Corridor Initiative and engage SACOG's megaregion partners including the San Joaquin Council of Governments and Metropolitan Transportation Commission as well as Caltrans districts, and utilities such as SMUD and PG&E. The study will ultimately lay out a plan for a minimum of 11 major zero-emission truck charging or refueling plazas to support the Northern CA Megaregion along I-5, I-80, SR99 as well as US50, and the I-580/205 corridors.

5. Fiscal Impact/Grant Information:

SACOG's partnership with the Sac Metro Air District, SacRT, and SMUD is part of implementing the region's Metropolitan Transportation Plan/Sustainable Communities Strategy and included in the agency's budget and Overall Work Program. The Northern CA Megaregion Zero Emission Medium/Heavy Duty Vehicle Study is supported by a Caltrans Planning Grant received through a partnership with the Megaregion Working Group.

6. This staff report aligns with the following SACOG Work Plan Objectives:

Goal 1 : Advance Economic Prosperity

Goal 2 : Connected Communities