

Building Standards Commission

- 1. Administration of the Title 24 Code Adoption Process:** Collaborate with regulation-proposing and expert agencies to advance building standards for increased ZEV infrastructure for the installation of electrical charging equipment and future development.

Lead Program: BSC

Key Collaborators: DSA, CARB, HCD, CEC, CPUC, GO-Biz

Key Results and Actions:

- Execute and complete the 2024 Triennial Code Adoption Cycle including advancing EV regulations through the California Green Building Standards Code with focus on increasing the requirements for EV charging in nonresidential occupancies (BSC) and public K-12 schools and community colleges (DSA): Adopt December 2024, publish July 2025 and effective January 1, 2026.
- Development with key ZEV collaborators of advanced electric vehicle provisions for non-residential applications throughout the state in the 2024 Triennial Code Adoption Cycle.
 - Reassess EV charging percentages based on comments received during the 2022 Intervening Code Adoption cycle (pre-cycle activities) specific to retail and office employee charging needs using Low power Level 2.
 - Consider amending EV regulations to repeal EV capable charging spaces requirements in favor of installed charging station in alignment with the Department of Housing and Community Development Department recent proposal.
 - Consider amending EV regulations to consider the difference between workforce and customer charging based on dwell times for key occupancies e.g., grocery stores, retail stores and restaurants.
 - Consider increasing minimum wire size requirements to future-proof Low-Power EV Charging Receptacles.
 - Develop a state agency group to assess EV needs and overall needs to implement AB 1738 objectives.
- Agency Action Plan 2023
 - Conduct workshops to gather input from subject matter experts and ZEV advocates and utilize the CALGreen EV Workgroup to develop code changes to advance EV provisions for non-residential occupancies (BSC) and public schools and community colleges (DSA). Late Summer/early Fall of 2023.

- Submit Initial code changes to the Building Standards Commission (BSC) for the 2024 Triennial Cycle. **February of 2024.** (BSC & DSA).
- Code Advisory Committee review in **Spring/Summer of 2024.** Public comment phase in **late Summer/early Fall of 2024** for the new ZEV standards in the Green Building Standards Code (CALGreen). (BSC & DSA).
- Present state agency code changes to the California Building Standards Commission (CBSC) for the 2024 Triennial Cycle. Commission meeting in **December of 2024. Effective for use January 2026.** (BSC & DSA).

Procurement Division

- 2. ZEV Procurement and Distribution:** Enable non-state public entities to leverage state contracts to purchase ZEVs and supporting equipment.

Lead Program: DGS' Procurement Division; Office of Fleet and Asset Management

Key Collaborators: State fleet owning agencies, Local and Regional Government; NGOs; Air Districts

Key Results and Actions:

- a. Local & Regional Government Use:** Local government agencies are currently permitted to use Leveraged Procurement Agreements (LPAs) for ZEVs and supporting equipment. Local government spend from LPAs are tracked through monthly usage reports submitted by the contractor. **Implementation Ongoing.**
- 3. ZEV School Bus Procurement:** Establish a Statewide Contract for ZEV School Buses to support fleet electrification efforts in local school districts.

Lead Program: DGS, Procurement Division

Key Collaborators: Local School Districts; California Air Resources Board; California Energy Commission

Key Results and Actions:

- b. Establish a Statewide Contract for ZEV School Buses for use by local school districts.** California school districts will have access to a recently established grant program that was enacted to distribute \$1.5 billion to school districts for fleet electrification over the next three fiscal years.
 - A Request for Proposal (RFP) is currently in development for ZEV School Buses. A procurement team has been created which includes subject matter experts (SMEs) from multiple California school districts. The RFP is projected to release by early Summer 2023. **Target Contract Award Date is December 2023.**

Office of Sustainability

- 4. Fleet and Workplace Infrastructure:** Lead state government efforts to install fleet and workplace charging to enable and support accelerated fleet electrification.

Lead Program: Office of Sustainability

Key Collaborators: All agencies and departments with fleets; DGS Real Estate Division

Key Results and Actions:

- a. Continue to hold "EV Charging Leadership" stakeholder meetings in 2023 for state agencies and departments to learn about opportunities for EV charger installations at their facilities and other important topics such as the different types of "networking", charger incentive programs and more. **Timeline: December 31, 2023, Metric: 3-4 meetings**
 - b. Purchase and distribute up to 40 "EV Arcs" (mobile, non-grid tied solar powered generators with Level 2 chargers) to state agencies and departments with fleet ZEVs. **Timeline: December 31, 2023, Metric: 40 EV Arcs**
 - c. Continue the planning, project development and installation of over 700 Level 2 EV charging ports at various state facilities for both fleet and some workplace charging. Also consider DC fast charging when appropriate particularly for medium- and heavy-duty ZEVs that will be added to the state fleet. **Timeline: December 31, 2023, Metric: 700 Level 2 charging ports**
 - d. Continue internal and external outreach to educate stakeholders about the DGS OS-Clen Transportation Unit's EV charging infrastructure program. **Timeline: December 31, 2023. 3-4 EVSE presentations**
 - e. Continue participating in utility and state charger incentive programs on behalf of our state client departments to receive additional funding to be re-invested in their new EV charging projects. **Timeline: December 31, 2023, Metric: Collect \$500,000 in incentive rebates.**
 - f. Sign up state client departments in CARB's Low Carbon Fuel Standard (LCFS) program to receive additional funding to be reinvested in their new EV charging projects. **Timeline: December 31, 2023, Metric: 5 state client departments and all eligible chargers.**
- 5. Fleet and Workplace Infrastructure (cont.):** Identify opportunities and encourage use of public hydrogen stations.

Lead Program: Office of Sustainability

Key Collaborators: Office of Fleet and Asset Management, Governor's Office of Business and Economic Development, California Energy Commission, California Air Resources Board

Key Results and Actions:

- a. Continue to stay abreast of technological changes and best practices in hydrogen fueling to be prepared for future state fleet hydrogen fueling infrastructure. **Timeline: On-going Metric: Continue to expand knowledge base and contacts**
- b. Collaborate with OFAM and GO-Biz, CEC and CARB to Determine how to leverage public hydrogen stations to meet charging needs for state fleet, based upon location and volume of need. **Timeline: On-going Metric: on-going information and collaboration of hydrogen fleet charging at public stations**

Office of Fleet and Asset Management

6. **Procurement Policies:** Implement additional vehicle procurement policies for the state fleet to meet and/or exceed the timelines outlined in EO N-79-20 and in the Climate Groups ZEV Pledge for public fleets.

Lead Program: Office of Fleet and Asset Management

Key Collaborators: All state fleet owning agencies, Department of Finance, and California Air Resources Board.

Key Results and Actions:

- a. Reconvene ZEV Fleet Stakeholder Workgroup comprised of state fleet managers and DGS, OFAM, to review statewide policies and timelines on ZEV adoption within the state fleet to meet purchasing and fleet composition goals mandated in EO N-79-20 and the state's ZEV Pledge by April 30, 2023.
 - b. Target, develop and issue statewide policy that phases out the purchase of internal combustion engine passenger vehicles and sets new ZEV purchasing goals for light duty and medium and heavy-duty vehicles (for all non-public safety applications) by December 31, 2023.
7. **Petroleum Reduction:** Pursue strategies to reduce the state fleet's petroleum consumption by 50% (from 2015 levels) by 2030.

Lead Program: Office of Fleet and Asset Management

Key Collaborators: State fleet owning agencies, Department of Finance, CalHR

Key Results and Actions:

- a. Continue to implement telematics-based control measures intended to reduce overall state fleet fuel consumption, with a goal of reducing consumption by eight percent. Timeline presently unknown at until telematics installations can be resumed. Installations were delayed due to supply chain issues and a cease on installations issued by California Air Resource Board to telematics vendor on May 23, 2022. Resumption of installations pending CARB exemption review.

- b. Conduct a pilot on eligible GM and Ford vehicles to utilize onboard OEM software for telematics reporting in lieu of installations by July 31, 2023.
- c. Evaluate data obtained on the use of the fuel efficiency improvement product, SmartPedal, on DGS owned vehicles. Data range was expanded to include a full calendar year of data for 2022. Target is to evaluate the fuel efficiency findings of the pilot program and present if applicable to the State Equipment Council to measure interest in a statewide initiative by July 31, 2023.
- d. Eliminate all non-essential, light-duty vehicles from the state fleet through a fleet utilization evaluation. **Target is to complete the formal analysis and reduction by December 31, 2025. This initiative is ongoing.**
 - Complete internal utilization of state fleet utilization on light duty assets for state departments that have fleet acquisition plans by June 30, 2023.
 - Obtain a consultant to conduct a full fleet evaluation for all departments to complete analysis and reduction by December 31, 2024.

- 8. ZEV Procurement and Distribution:** Develop policies to encourage ZEVs retired from the state fleet directly benefit communities most in need.

Lead Program: DGS' Procurement Division; Office of Fleet and Asset Management

Key Collaborators: State fleet owning agencies, Local and Regional Government, NGOs, Air Districts

Key Results and Actions:

- a. Continue conversations with equity NGOs and government agencies administering programs that offer incentives for the sale and purchase of ZEVs in priority communities to learn about their programs and work through exclusions of surplus state fleet vehicles by December 31, 2023. **This initiative is ongoing. Target completion date December 31, 2023.**
 - b. Develop and implement a process and necessary agreements whereby state agencies may include their surplus ZEVs in incentive programs for disadvantaged communities by December 31, 2023.
 - c. If warranted, form a workgroup of fleet managers to assess the outcomes of participation in the program and to develop, if warranted, statewide policy mandating the use of such programs.
- 9. VMT Reduction:** Develop and maintain programs to reduce state worker vehicle miles traveled and enable shifts to less impactful (transportation) modes.

Lead Program: Office of Fleet and Asset Management

Key Collaborators: All state agencies

Key Results and Actions:

- a. Expand affordable and flexible daily parking rates at additional DGS managed parking facilities to accommodate hybrid/teleworking schedules by December 31, 2023.
- b. Implement a daily parking reservation system and provide pay-on-foot machines to ensure flexible options for hybrid/teleworking employees at 3 centrally located DGS managed parking facilities by December 31, 2023.
- c. Through partnership with the City of Sacramento, implement new business processes to efficiently manage a daily parking focused model to better suit the needs of a teleworking/hybrid workforce by December 31, 2023.