



Clean Transportation Policy Update

October 21 – November 17, 2021

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FUNDING ACTIVITIES

- CA Climate Investment Activities
- CEC Investment Plan for Clean Transportation Program
- ZEV Consumer Awareness Grant

CA LEGISLATIVE ACTIVITIES

- The Legislature has adjourned until the beginning of December 2021

Key Federal Activities

LEGISLATIVE ACTIVITIES

This issue of the Clean Transportation Policy Update focuses exclusively on regulatory and policy activities. Last month's update contains a summary of the first half of the 2021-2022 California legislative session.

Key State Activities

REGULATORY ACTIVITIES

MEDIUM- AND HEAVY-DUTY INFRASTRUCTURE WORKGROUPS SCHEDULED

The California Air Resources Board (CARB), the California Energy Commission (CEC), the California Public Utilities Commission (CPUC) and the Governor's Office of Business Administration and Economic Development (GO-BIZ) will host a series of workgroups to discuss activities and challenges related to the build-out of fueling infrastructure needed to support the growing fleet of zero-emission trucks and buses in response to the proposed Advanced Clean Fleets regulation. The workgroups will focus on four key topics:

- December 3: business considerations
- December 16: hydrogen
- January 12: electricity and the grid
- January 19: costs and funding

The primary objective of these work groups is to get a better understanding of the status in each area, the responsibilities and initiatives underway at each state agency, and the challenges facing infrastructure deployment.

More information is available at

<https://content.govdelivery.com/accounts/CARB/bulletins/2facd32>

ADVANCED CLEAN FLEETS WORKGROUP MEETINGS

CARB held three workgroup meetings to provide further opportunity for stakeholder input on specific aspects of the Advanced Clean Fleets rule to supplement the comments received during the regulation workshop on September 9. On October 6, the topic was the public fleets requirement; on October 13, it was on the high-priority fleet requirements; and on October 26, the work group for smaller fleets met. Public comments on the rule were due by October 29.

Additional information can be found at

<https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets/advanced-clean-fleets-meetings-events>

HEARING ON HEAVY-DUTY INSPECTION & MAINTENANCE REGULATION

On December 9, CARB will host a hearing to consider adopting the Heavy-Duty Inspection and Maintenance Regulation. The regulation would require periodic testing of HD vehicles operating in the state to ensure their emissions control systems are functioning properly. This regulation applies to non-gasoline HD vehicles operating in California with a GVWR of greater than 14,000 pounds.

For more information, please visit

<https://ww2.arb.ca.gov/our-work/programs/heavy-duty-inspection-and-maintenance-program>

CARB ADOPTS MOBILE SOURCE STRATEGY

On October 28, CARB adopted the 2020 Mobile Source Strategy (MSS). The MSS is a framework that identifies the levels of cleaner technology necessary to meet the state's criteria pollutant, greenhouse gas, and toxic air contaminant reduction goals from mobile sources. It includes scenarios and programmatic concepts to address the mechanisms needed to provide for the deployment of clean medium- and heavy-duty on-road vehicles. One of these concepts includes reducing Vehicle Miles Traveled (VMT) from cars and trucks by increasing access to alternative mobility options such as transit, biking and walking, and equitably addressing land use issues through accelerated infill housing development and other means. The strategy will inform the development of the State Implementation Plan, the 2022 Climate Change Scoping Plan, and Community Emissions Reduction Plans required under AB 617.

The Mobile Source Strategy is available at

https://ww2.arb.ca.gov/sites/default/files/2021-09/Proposed_2020_Mobile_Source_Strategy.pdf

2022 DRAFT STATE IMPLEMENTATION PLAN RELEASED

On October 6, the California Air Resources Board (CARB) published the 2022 State Strategy for the State Implementation Plan (SIP): Draft Measures. The Draft 2022 State SIP Strategy will include measures, details, timelines, emissions reductions commitments to attain the standards, and an economic analysis with the goal of achieving the 8-hour ozone standard of

70 parts per billion to meet the federal timeline. The proposed measures address: on-road medium- and heavy-duty vehicles; on-road light-duty vehicles; off-road vehicles and equipment; off-road primarily-federally and internationally regulated sources (e.g., locomotives, aviation, ocean-going vessels); consumer products; residential and commercial buildings; and a suite of other measures suggested by the public. A workshop to discuss the draft document was held on October 19. The proposed 2022 State SIP Strategy is scheduled to be released next summer, 2022, with Board consideration later in the summer.

For more information, please visit

https://ww2.arb.ca.gov/sites/default/files/2021-10/2022_SSS_Draft_Measures.pdf

WORKSHOP ON EV INFRASTRUCTURE DEPLOYMENT

On October 12, the CEC, CPUC and Go-Biz held a workshop to focus on accelerating EV charging infrastructure deployment and grid integration. Topics included: Local permitting for EVSE installations: challenges and opportunities to deploying 1.2 million light-duty chargers by 2030; rate structure considerations for public EV charging; and opportunities for accelerating EVSE interconnection and EV grid integration.

A workshop recording can be found here

https://energy.zoom.us/rec/play/Mm9w6_Jf2_yyiJt8-Zs49aCafjit7z8VTBh8awRhO9Axfv/ciaVg075uvNCKw1zDBV5aLvT_uGFdpYcA.q4Ksl6cvqXAlBpBi?startTime=1634056253000

FUNDING ACTIVITIES

CA CLIMATE INVESTMENTS ACTIVITIES

Following are the current activities with respect to each CCI-funded program related to transportation:

Low Carbon Transportation Program (CARB)

At the November 19 CARB meeting, the Board will consider the proposed FY 2021-22 Funding Plan for Clean Transportation Incentives. The funding plan encompasses \$1.5 billion in clean transportation investments, including:

- **Heavy-duty and off-road equipment - \$873.09 million**
 - Clean truck and bus vouchers (HVIP) - \$569.5 million
 - Demonstration and pilot projects - \$80 million
 - Clean Off-Road Equipment Voucher Program (CORE) - \$194.95 million
 - Truck loan assistance - \$28.64 million
- **Vehicle purchasing incentives - \$525 million**
 - Clean Vehicle Rebate Project (CVRP) - \$515 million
 - Electric bicycle incentives - \$10 million
- **Clean transportation equity investments - \$150 million**
 - Clean Cars 4 All - \$75 million
 - Financing assistance - \$23.5 million

- o Clean mobility options - \$10 million
- o Clean mobility in schools - \$10 million
- o Sustainable Transportation Equity Project (STEP) - \$25 million
- o Outreach, community needs assessments, technical assistance, and Access Clean California - \$5 million
- o Workforce training and development - \$1.5 million

These investments represent the first installment of a multi-year package that is expected to provide \$3.9 billion over the next three years for ZEVs and infrastructure.

The plan is available at

https://ww2.arb.ca.gov/sites/default/files/2021-10/fy21-22_fundingplan.pdf

CEC INVESTMENT PLAN FOR CLEAN TRANSPORTATION PROGRAM

On November 15, the CEC approved the 2021-23 Investment Plan Update for the Clean Transportation Program. The plan includes \$1.165 billion in General Fund money over three years in addition to the Clean Transportation Funding allocations (about \$100 million in the next two years and \$50 million in the final half-year of the program).

- **Clean Transportation Program Zero-Emission Vehicles and Infrastructure**
 - o Light-duty EV charging infrastructure and e-mobility - \$74 million
 - o Medium- and heavy-duty zero-emission vehicles and infrastructure - \$74 million
 - o Public hydrogen fueling infrastructure - \$50 million
- **Clean Transportation Program Alternative Fuel Production and Supply - \$25 million**
- **General Fund Zero-Emission Vehicles and Infrastructure**
 - o Light-duty EV charging infrastructure - \$258 million
 - o Medium- and heavy-duty ZEV vehicles and infrastructure - \$190 million
 - o Drayage - \$245.75 million
 - o Drayage and infrastructure pilot - \$25 million
 - o Transit - \$88.5 million
 - o School buses - \$49 million
 - o Public hydrogen fueling infrastructure meeting 200-station goal: \$27 million
- **General Fund ZEV Manufacturing - \$243.75 million**
- **Clean Transportation Program Related Needs and Opportunities - \$15 million**

The plan can be found at

<https://www.energy.ca.gov/publications/2021/2021-2023-investment-plan-update-clean-transportation-program>

ZEV CONSUMER AWARENESS GRANT AVAILABLE

Go-Biz has released a request for proposals of up to \$5 million for projects that focus on raising awareness and improving access to ZEVs for drivers and riders in hard-to-reach or underrepresented communities. This will include activities such as direct engagement efforts that fill information gaps, address barriers, and present opportunities to accelerate ZEV adoption within these communities and across the state. The objectives of this project are to improve customer awareness of ZEV technology and its benefits in collaboration with other

organizations, including vehicle manufacturers, in a brand and technology neutral way, as well as increase awareness and access to ZEVs in priority communities and to help convert this awareness into decisions to drive ZEVs. Applications are due by December 17.

The RFP is available at

<https://caleprocure.ca.gov/event/0509/0000021370>

CALIFORNIA LEGISLATIVE ACTIVITIES

The Legislature has adjourned until the beginning of December 2021, when it will reconvene for an organizational session.

Key Federal Activities

FEDERAL LEGISLATIVE ACTIVITIES

BILLIONS ALLOCATED FOR EVs IN FEDERAL INFRASTRUCTURE PACKAGE

The \$1.2 trillion bipartisan infrastructure package contains billions for EV projects. The bill invests \$7.5 billion to build out a network of EV chargers across the country to support the President's goal of a network of 500,000 EV chargers. The bill provides \$89.9 billion in funding for public transit over the next five years, including \$1.4 billion for zero-emission transit buses, and more than \$2.5 billion for zero-emission school buses.

More information can be found at

<https://www.whitehouse.gov/bipartisan-infrastructure-deal/>