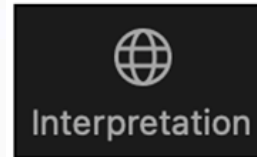


Welcome! ¡Bienvenidos!

Simultaneous interpretation is being provided – English speakers may need to select English as their language.

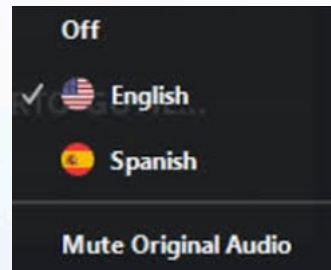
Accessing Zoom from a computer

- Click the globe icon located at the bottom of the screen
- Choose **English**



Accessing Zoom from a smart phone

- Click the **3 dots (more)** on the bottom right side of the screen
- Choose **Language Interpretation**
- Choose **English**
- Press **Done** on the top right side of the screen



Interpretación simultánea al español disponible – los hispanohablantes deben seleccionar su idioma.

Entrando a Zoom por computadora

- Haga clic en el símbolo del globo terráqueo en la parte inferior de la pantalla
- Selecciona **Español**
- Apague el **Audio Original** (para solo escuchar una voz)

Entrando a Zoom por un teléfono inteligente

- Haga clic en los **3 puntos** encima de la palabra **more o más** en la parte inferior derecha de la pantalla
- Selecciona **Interpretación**
- Selecciona **Español**
- Haga clic en **Done** o **Finalizar** arriba y de lado derecho de la pantalla



Evening Community Meeting: Clean Transportation Incentives for a Cleaner California

- Public Workgroup Meeting
 - April 16, 2024

Meeting Agreements

- Be respectful
- Take space, make space
- Listen to understand
- Strive to follow an equity approach when helping to strategize solutions for our clean transportation incentive programs
 - Equity recognizes that advantages and barriers exist, and that, as a result, we do not all start from the same place

Community Evening Meetings

- Monthly community meetings will provide a space for community members across the state to engage with California Air Resources Board staff.
- Community Meeting Goals
 - Hold a platform for community voices and their priorities
 - Brainstorm solutions for clean transportation needs
 - Highlight the most important information for communities
 - Continuous two-way communication between staff and communities

How to Participate

- Attend Monthly Community Evening Meetings
- Fill out the community survey
- Meet with California Air Resources Board staff one-on-one



Today's Agenda

Time	Session
5:00 – 5:10 p.m.	Introduction
5:10 – 5:30 p.m.	Electric Vehicle Charging. <i>Mark J. Wenzel & Benjamin Tuggy</i>
5:30 – 5:40 p.m.	Innovative Small e-Fleet Pilot Project Fiscal Year 2023-24. <i>Brianneth Rocha</i>
5:40 – 5:50 p.m.	Clean Transportation Equity Incentives Symposium Overview. <i>Leilani Viramontes</i>
5:50 – 5:55 p.m.	Break
5:55 – 6:55 p.m.	Community Question & Answer Session
6:55 – 7:00 p.m.	Wrap-up and next steps

Comments and Questions



Use the raised hand function (#2 if calling in by phone)



Please state your name and affiliation, if any, before asking a question or making a comment.



You may also email questions to cleantransportationincentives@arb.ca.gov



Electric Vehicle Charging

April 16, 2024 Evening Community Meeting

Mark Wenzel, Senior Policy Analyst
Fuels and Transportation Division
California Energy Commission



Clean Transportation Program Highlights (as of July 2023)

Nearly **24,500**
installed or planned
chargers

66 hydrogen refueling
stations
64 approved
additional stations

Workforce training **for**
32,000+ Trainees
and **277** businesses

Block grants for LD
and MDHD ZEV
infrastructure

40 ZEV
related manufacturing
projects

Leveraged over **\$1**
billion in private and
other public funds



Commitment to Inclusion, Diversity, Equity and Access

- Seek to provide over 50% of Clean Transportation Program funds to projects that benefit low-income and disadvantaged communities
 - Required by Assembly Bill 126 starting in 2025
- Better define, measure, and track community benefits beyond project location (e.g., health, mobility options, workforce)
 - Workshops held 11/29/2022 and 03/28/2023



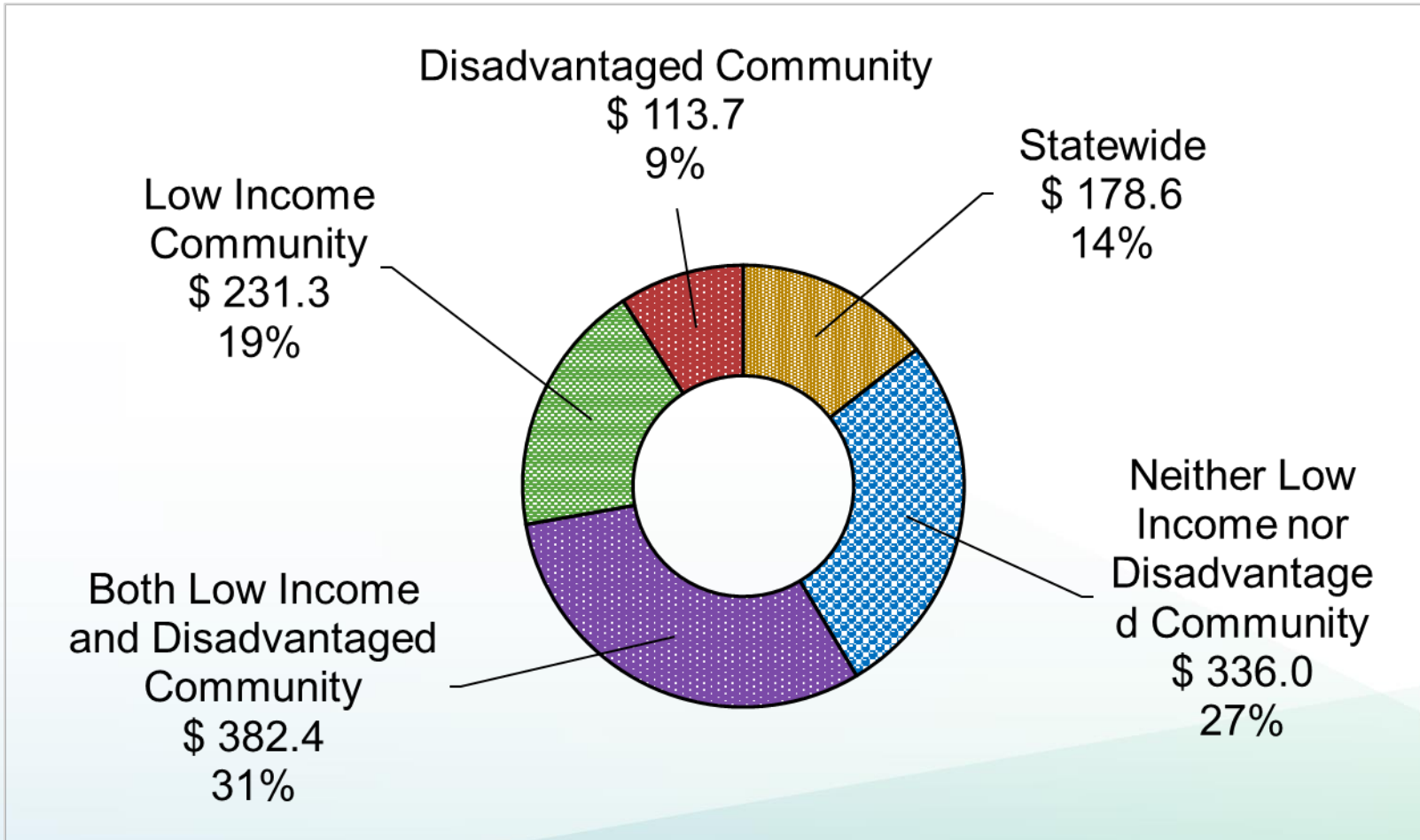
Commitment to Inclusion, Diversity, Equity and Access (continued)

- Expand outreach to local community-based organizations
- Many funding opportunities incentivize community-based organization involvement
- Explore additional ways to support ZEV infrastructure deployment



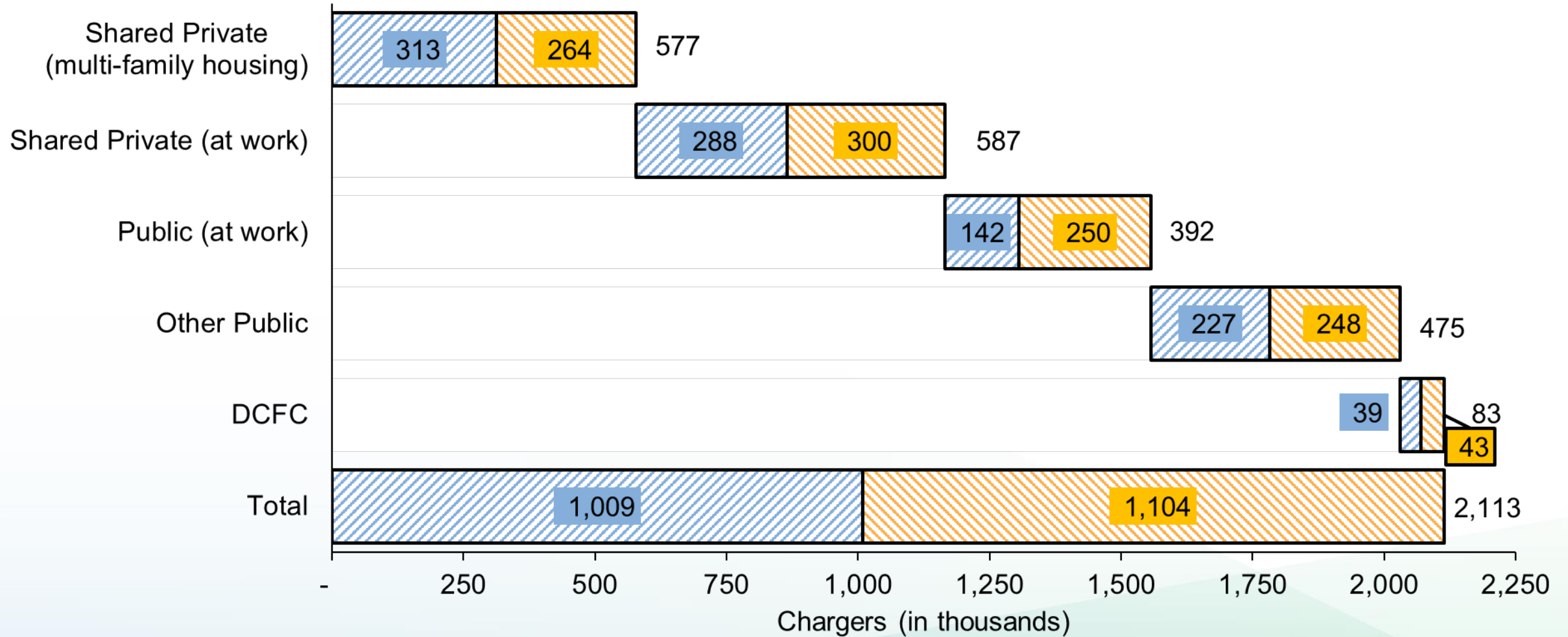
Share of Projects in Disadvantaged and Low-income Communities

- **58.6%** when excluding projects that do not yet have assigned locations
- **68.4%** when also excluding projects known to be statewide





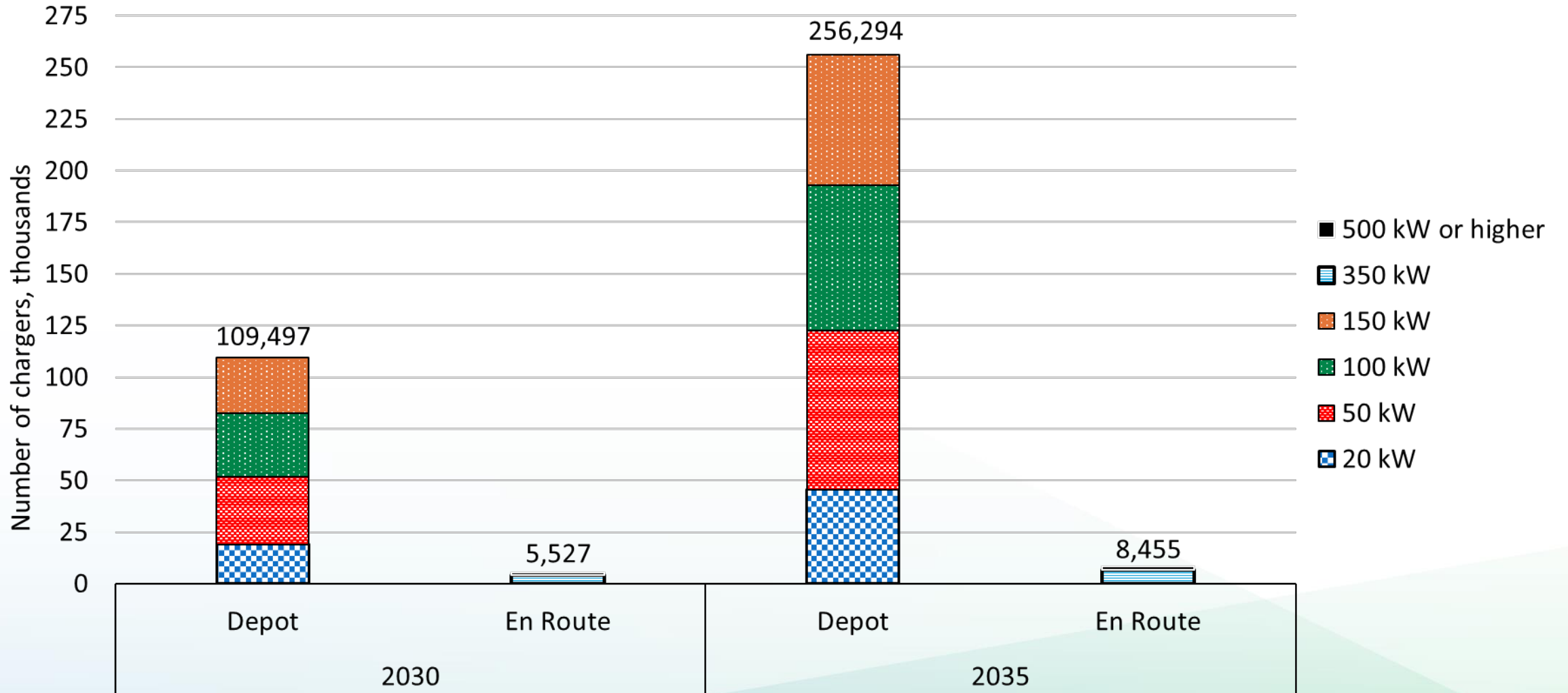
Light-duty vehicle charging needs



■ Chargers needed for 7.1 million PEVs in 2030 ■ Additional chargers needed for 15.2 million PEVs in 2035

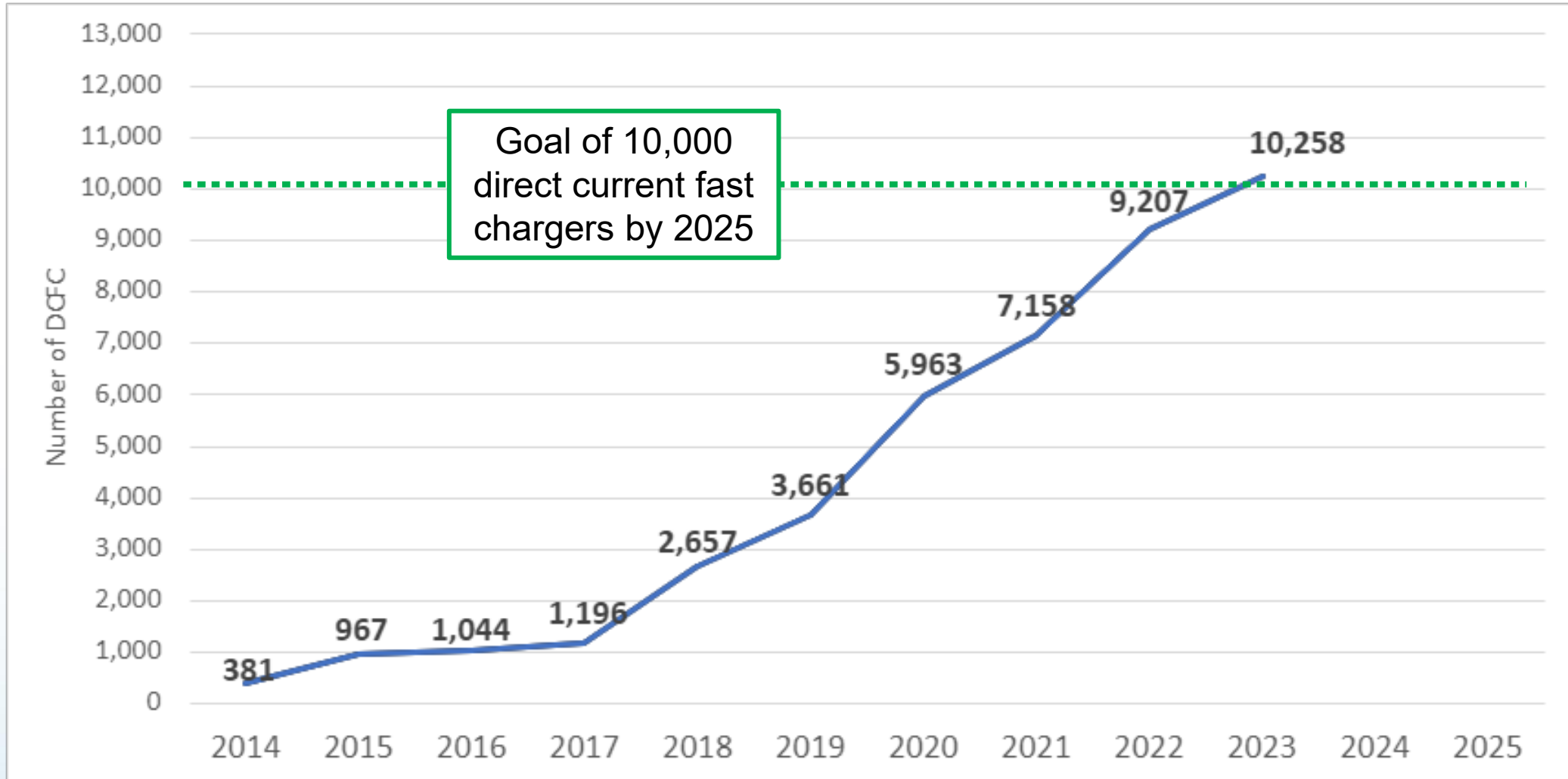


Medium-/Heavy-Duty Charging Needs





10,000 Fast Chargers in 2023; Now >11,000 Fast Chargers

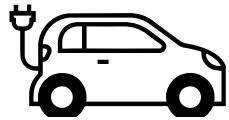




Investments in Fiscal Years 2023–2024 to 2026–2027

Total: \$1.85 Billion

Not counting base Clean Transportation Program funds after 2023–2024
(State Budget Act funds are subject to change)



\$658 Million

Light-Duty EV Charging Infrastructure



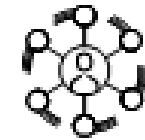
\$1.15 Billion

Medium- and Heavy-Duty ZEV Infrastructure



\$46 Million

Emerging Opportunities



\$5 Million

ZEV Workforce Development

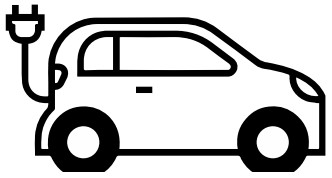
+

\$384 Million

National Electric Vehicle Infrastructure



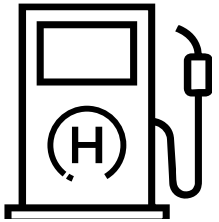
Light-Duty EV Charging



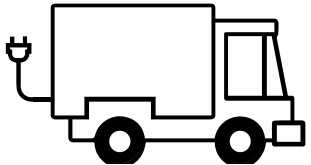
- Equitable at-home solutions for multi-family homes
- Targeted deployments in rural and priority communities
- Broad network of high-power fast chargers
 - This fiscal year: \$42.6 million (base) and \$95 million (Greenhouse Gas Reduction Fund)



Medium- and Heavy-Duty ZEV Infrastructure



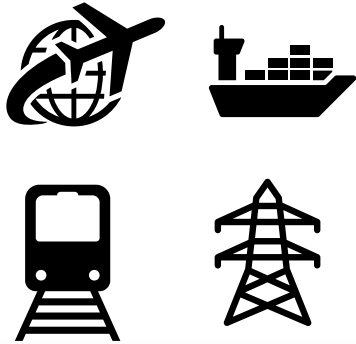
- Both hydrogen refueling and EV charging
- Zero-emission port infrastructure



- Fuel thousands of trucks and off-road equipment
 - This fiscal year: \$47.6 million (base) and \$344 million (Greenhouse Gas Reduction Fund and General Fund)



Emerging Opportunities

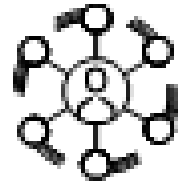


- Sectors early in transition to zero emission including aviation, marine, and rail
- Vehicle-grid integration to support grid-friendly charging
 - Fiscal Year 2025–2026 only: \$46 million (projected Greenhouse Gas Reduction Funds)



Workforce Training and Development

- Training and workforce development programs
- Prioritize disadvantaged and low-income communities
 - This fiscal year: \$5 million (base)

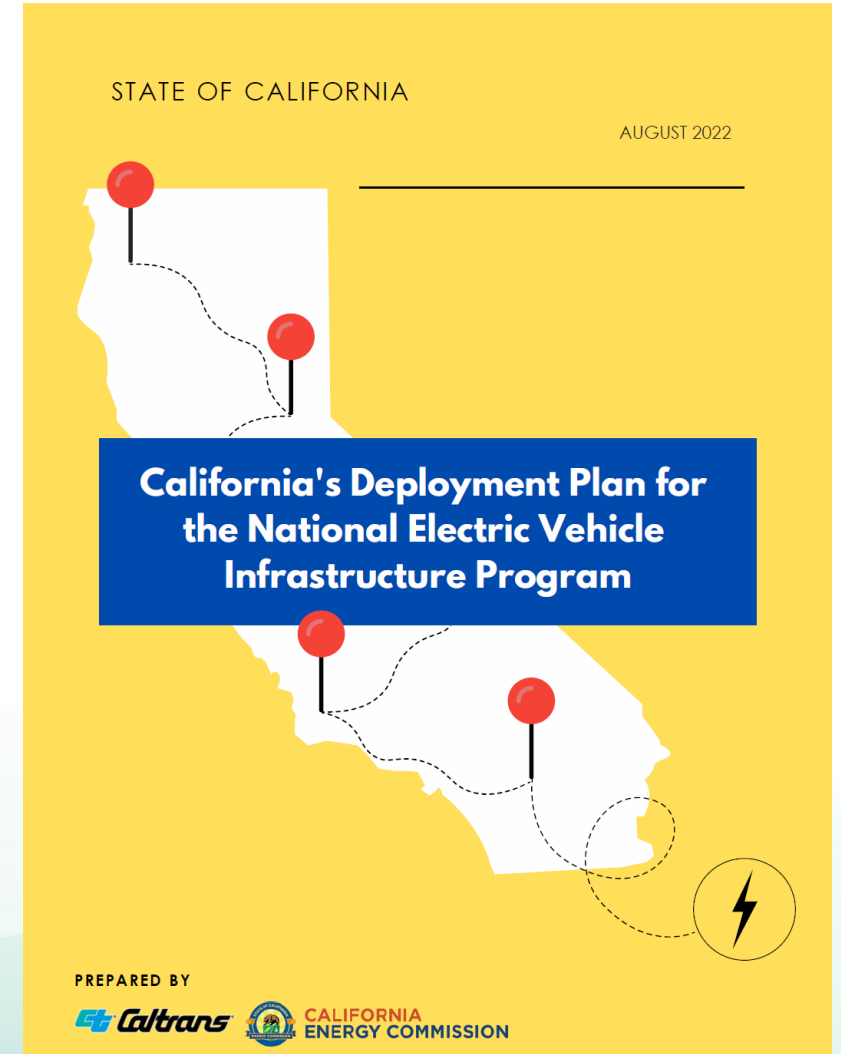




National Electric Vehicle Infrastructure (NEVI) Program

Program Objectives

1. Support DC fast charging stations
2. At least four fast chargers every 50 miles or less
3. 50% of chargers must be in DAC/LIC & 40% in Justice40 communities





Other Federal Grants: CFI, Repair

Charging and Fueling Infrastructure Discretionary Grant Program



CFI Grant Recipients

[FHWA](#) → [Environment](#) → [CFI](#)

Grant Resources

Contacts

For more information, please contact:

- [Neelam Patel](#)
- [Michael Culp](#)

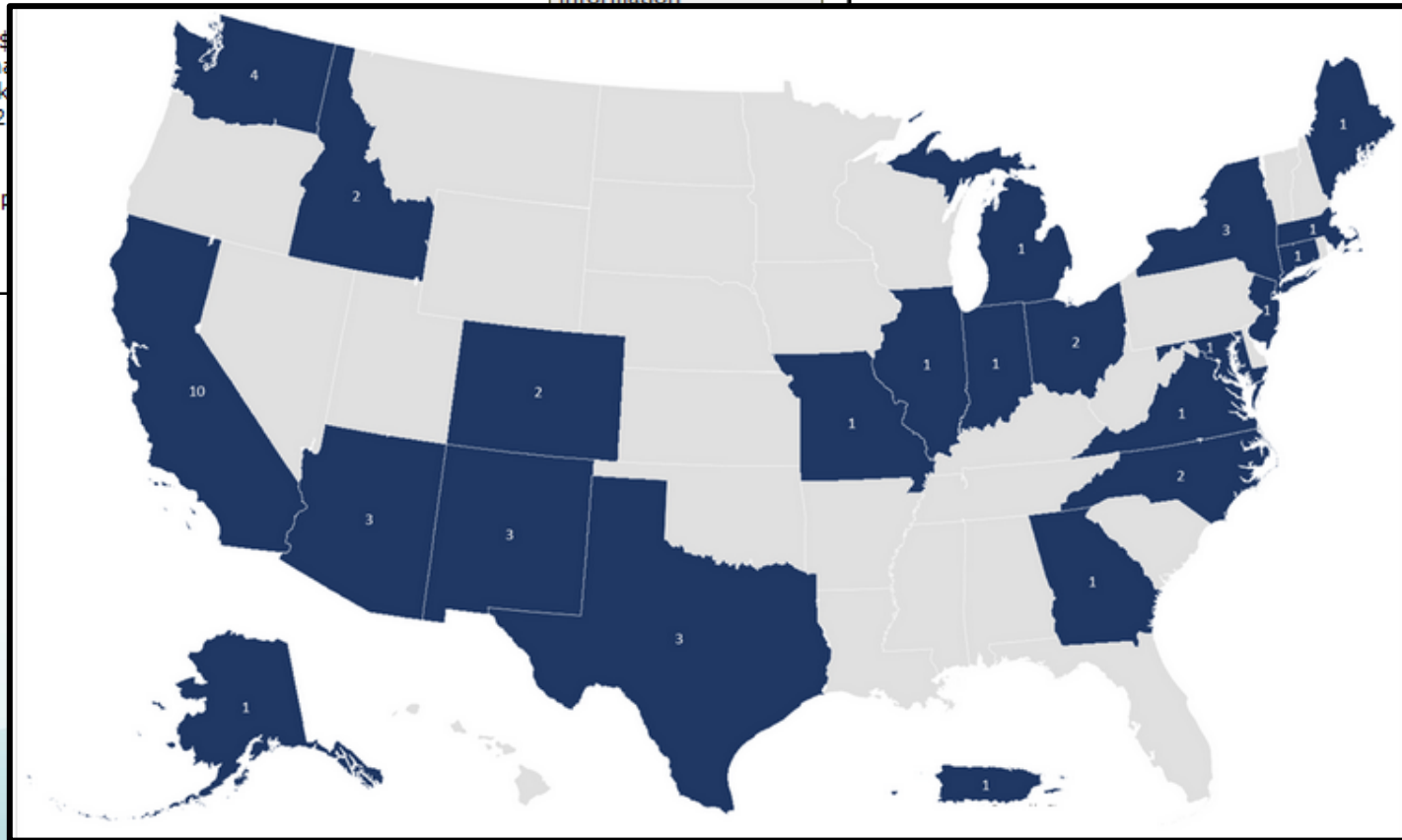
Charging and Fueling Infrastructure Program Grant Recipients

FY 2022 and 2023 Grant Award Recipients

[CFI Grant Program Information](#)

The Charging and Fueling Infrastructure Program awarded \$100 million to strategically deploy publicly accessible electric vehicle charging stations at the places people live and work – urban and rural areas alike – along designated Fuel Corridors (AFCs). The 47 awards are located across 22 states and Tribes.

View more [information](#) about the selected recipients and projects.





Improving reliability



- Regulations for all state- and ratepayer-funded chargers
- Incorporating uptime, recordkeeping, reporting, and maintenance requirements in grants since 2021
- Contracting with UC Davis to field test 3,600 chargers
- Working to standardize and accelerate EV - charger interoperability



Resources

- Rebate projects
 - <https://calevip.org/>
 - <https://thecommunitiesincharge.org/>
 - <https://energiize.org/>
- Grant funding opportunities
 - <https://www.energy.ca.gov/funding-opportunities/solicitations>
- Technical Assistance Workshop
 - <https://www.energy.ca.gov/event/workshop/2024-03/pre-solicitation-workshop-zev-infrastructure-grant-application-technical>
- Mailing list — “Clean Transportation Program”
 - <https://public.govdelivery.com/accounts/CNRA/signup/31898>
- Mark.Wenzel@energy.ca.gov

Comments and Questions



Use the raised hand function (#2 if calling in by phone)



Please state your name and affiliation, if any, before asking a question or making a comment.



You may also email questions to cleantransportationincentives@arb.ca.gov



Innovative Small e-Fleet Pilot Project (ISeF) for Fiscal Year 2023-24



April 16, 2024

Agenda

- Background
- Review of 2022-23 Funding Year
- 2023-24 Funding Plan Updates
- Next Steps
- Comments and Questions

Background

- Accelerates market transformation by further reducing purchase price of zero-emission technologies for small fleets
- Encourages fleets to explore innovative mechanisms such as all-inclusive leases, peer-to-peer truck sharing, truck-as-a-service, and other mechanisms
- Transactions have involved three primary parties – ISEF provider, HVIP approved dealer, and an eligible small fleet participant
- Small fleet participants own 20 or fewer vehicles and make less than \$15 million in annual revenue

FY 2023-24 HVIP Funding



**\$375M for
Public School Bus Set-Aside**



**\$80M for
Drayage Trucks**



**\$14.3M for
Innovative Small e-Fleets**

- \$14.3 million set aside for ISEF projects for FY 2023-24
- \$19 million currently available from FY 2022-23

Funding Recap



\$111 million
requested



52 unique
fleets applied



Average fleet
size: 5



78% domiciled
in DAC

Projects Breakdown:

357 - Standard Purchase

192 - Truck as a Service

11 - Leases

25 - Rental

53 - Financing

28 - Providers

FY 2023-24 Funding Plan Update

Buses and Public Agencies Included

- Eligibility includes class 2b to 8
- Many buses are now eligible
 - Including activity buses and youth buses; buses utilized by daycares, retirement centers, and similar organizations
- Public agency fleets are now included
- For eligible fleets refer to the HVIP Eligible Vehicle Catalog

FY 2023-24 Funding Plan Update

Small Fleet Definition

- Small fleets are now defined throughout HVIP:
 - **20 or fewer** medium- and heavy-duty (MHD) vehicles, and
 - Less than \$15 million in annual revenue.
- Eligible Voucher Modifiers include: Disadvantaged Community (15%), Drayage Early Adopter (25%), and Refuse (25%)

Implementation Timeline



Contact Us

Brianneth Rocha- ISEF Implementation Lead

Brianneth.Rocha@arb.ca.gov

Bruce Tuter - Manager

Bruce.Tuter@arb.ca.gov

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Comments and Questions



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Clean Transportation Equity Incentives Symposium Overview

CARB's Clean Transportation Equity Incentives Symposium 2024

- CARB hosting Symposium on **Thursday, April 18 from 9AM- 5PM** at the CalEPA Headquarters in downtown Sacramento.
 - Symposium brings together community members and interested stakeholders to reflect on CARB's light-duty clean transportation equity incentive programs.
 - Event will include panel discussions, breakout rooms, networking opportunities and more.
 - Event is hybrid with both in-person and virtual attendance offered.
- Registration Link and for more information:
 - [CARB Clean Transportation Equity Incentives Symposium Tickets, Thu, Apr 18, 2024 at 9:00 AM | Eventbrite](#)

Comments and Questions



Use the raised hand function (#2 if calling in by phone)



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5-Minute Break
Return at 6:05 p.m.

Community Questions and Answer Session



Use the raised hand function (#2 if calling in by phone)



Please state your name and affiliation, if any, before asking a question or making a comment.



You may also email questions to cleantransportationincentives@arb.ca.gov

Wrap-Up and Next Steps

Moving Forward

Meeting/Item	Date
State Budget - May Revise	~May 10, 2024
Evening Community Meeting	May 21, 2024
State Budget - Adopted	June 15, 2024
Evening Community Meeting	July 16, 2024
Evening Community Meeting	August 20, 2024

Contact Us

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