

DOCKETED

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Caltrans-CEC Workshop for the 2023 NEVI Deployment Plan Update

Jimmy O'Dea, Caltrans

Jim McKinney, CEC

June 29, 2023 | 10:00 a.m.





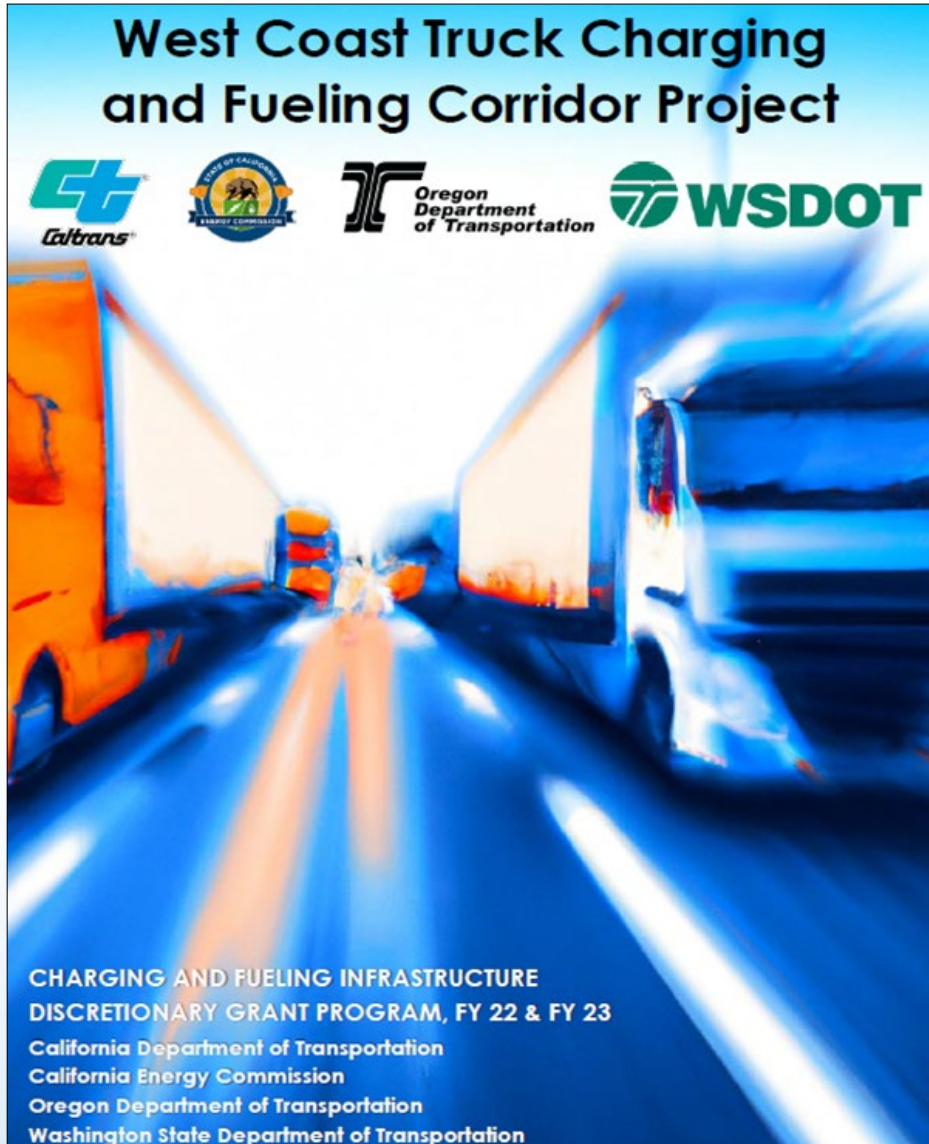
Workshop Agenda



- Welcome
- Update on the *West Coast Truck Charging and Fueling Corridor Project* application to the U.S. DOT's Charging and Fueling Infrastructure Notice of Funding Opportunity
- Update on California's NEVI Formula Program solicitation schedule
- Overview of the requirements for the 2023 NEVI Deployment Plan Update
- Public comment



West Coast Truck Charging and Fueling Corridor Project



- Caltrans, CEC, Oregon DOT and Washington State DOT applied to the U.S. DOT's Charging and Fueling Infrastructure competitive grant program on June 13, 2023
- Tri-State border-to-border project proposal for 39 truck charging and hydrogen stations along Interstate 5 and key connecting corridors



Project Description

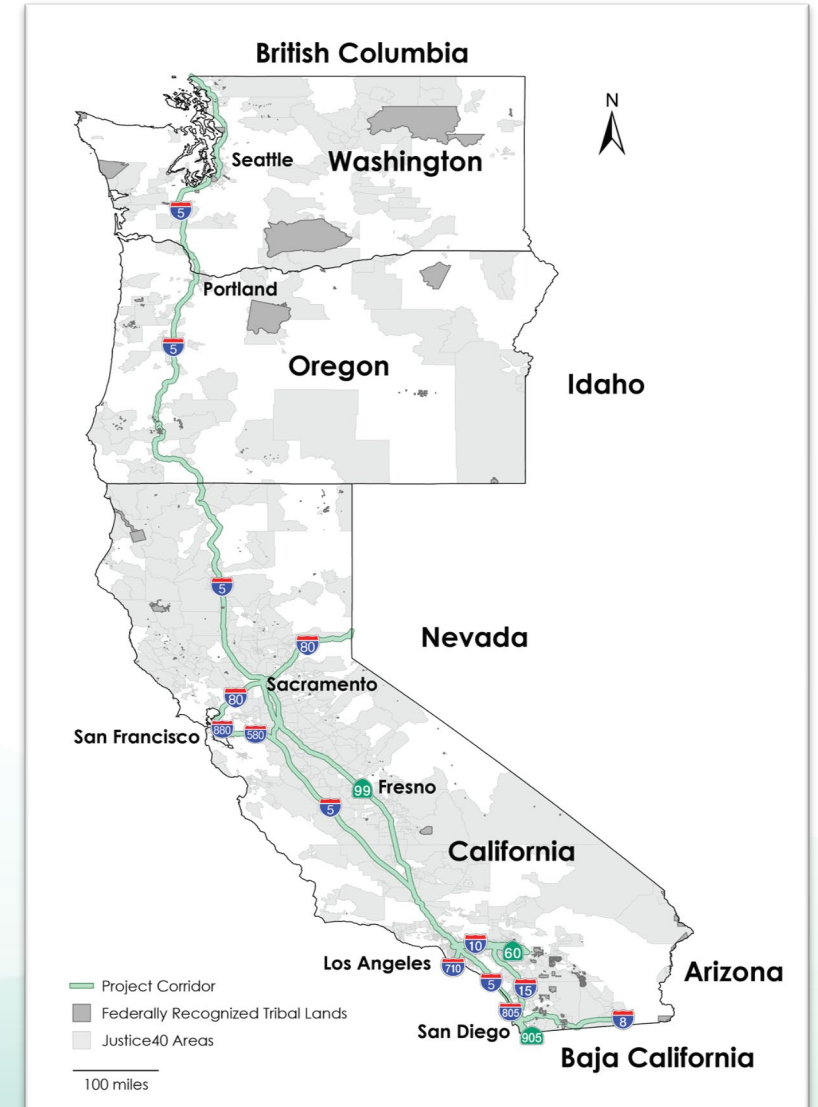


34 Truck Charging Stations

- 5 x 350 kW dual port chargers
- Stations along the I-710 will use ten 350 kW dual-port chargers to serve drayage trucks
- Future proofing will support an upgrade to 1 MCS port

5 Hydrogen Stations

- 2 dispensers and 10,000 kg capacity per day
- If awarded, states will use a solicitation process similar to current NEVI approach

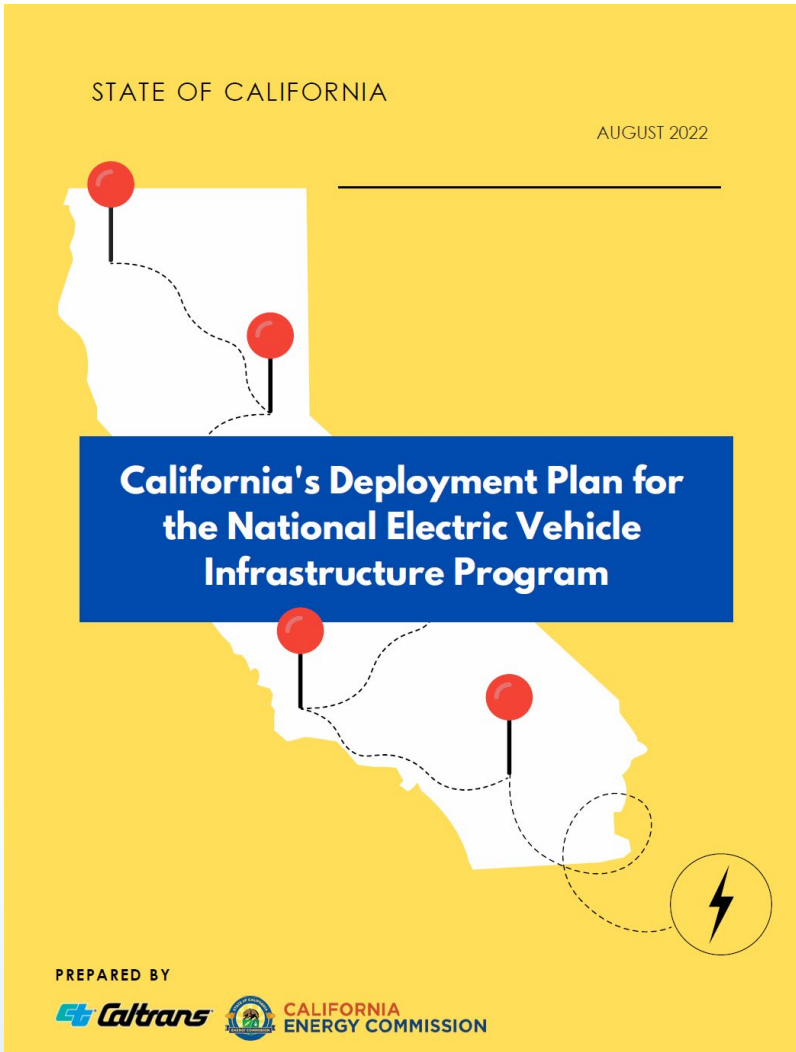




Update to NEVI Solicitation Schedule



National Electric Vehicle Infrastructure (NEVI) Program



1. Part of the \$5 billion allocation for electric vehicle charging in the Infrastructure and Investment Jobs Act of 2021.
2. Formula funding: \$384M for California over 5 years
3. Partnership between Caltrans and CEC.
4. Will support charging stations (EV only) on private sites along 6,600 miles of interstates, US routes, and state routes in California
5. At least four fast chargers every 50 miles or less, sited no more than one mile from corridor
6. 50% of chargers must be in Disadvantaged Communities/Low-Income Communities (DAC/LIC) and 40% in Justice40 communities



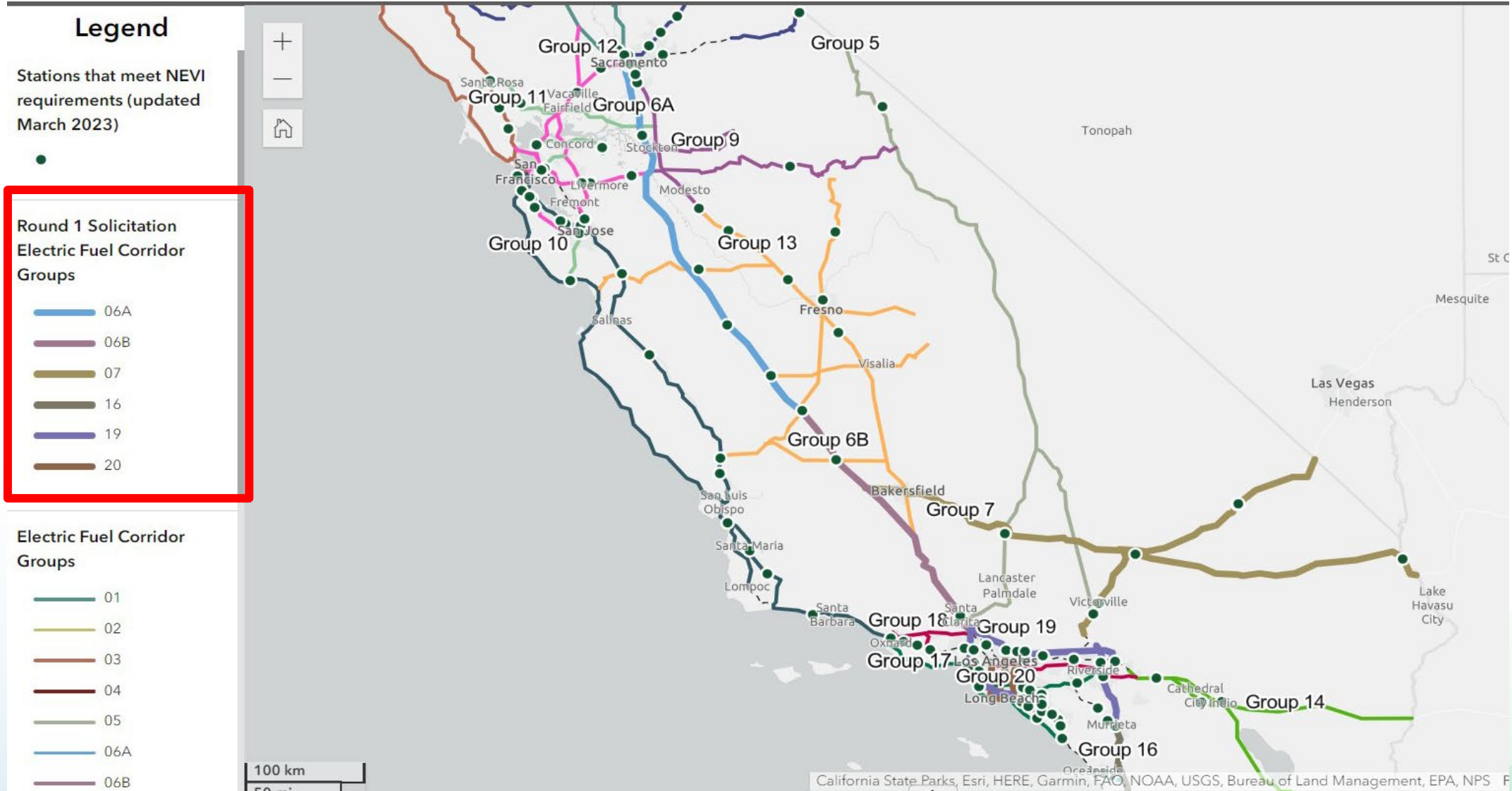
First NEVI Solicitation

- 6 corridor groups eligible for the first solicitation
- 28 total new stations and 291 ports

Corridor Groups	Corridor Segments	Minimum New Stations	Total New Charging Ports
6A	I-5: South of Sacramento to Kettleman City	2	67
6B	I-5: South of Kettleman City to Santa Clarita	2	87
7	SR 58: Buttonwillow to Barstow	4	16
	I-15: Hesperia to Nevada	2	45
	I-40: Barstow to Needles	2	12
16	I-8: San Diego to El Centro	2	8
	I-15: San Diego to Murrieta	2	8
	I-805: San Diego to San Ysidro	1	4
19	I-210: Sylmar to Redlands	2	8
	I-215: Murrieta to San Bernardino	2	8
	I-405: Mission Hills to Irvine	1	4
20	I-110: Los Angeles to San Pedro	2	8
	I-710: Los Angeles to Long Beach	2	8
	I-605: Irwindale/Duarte to Seal Beach	1	4
	I-105: El Segundo to Norwalk	1	4



NEVI Corridor Map





NEVI Schedule



Milestone	Timeline
CEC-Caltrans Pre-Solicitation Workshop	September 7-8, 2022
Federal Approval of California's 2022 NEVI Plan	September 14, 2022
FHWA Finalizes NEVI Standards & Requirements	February 28, 2023
NEVI Tools Workshop	April 13, 2023
CA Develops NEVI Solicitation	Underway
Approve Caltrans-CEC Interagency Agreement at CEC Business Meeting	July 26, 2023
FHWA Authorization	In Progress
Release Solicitations	2023 - 2025



NEVI Deployment Plan 2023 Update



2023 NEVI Plan Requirements



- Updated Guidance for NEVI Deployment Plans released June 2, 2023
 - ✓ Plan Updates due August 1, 2023
 - ✓ Supersedes original Guidance
 - ✓ New definition of "Fully Built Out" stations
- Link to Guidance: <https://www.fhwa.dot.gov/environment/nevi/>



2023 NEVI Plan Requirements



Major Elements for Updating Deployment Plans

Public Engagement

- Continued emphasis on public engagement and agency collaboration
- New “Community Engagement Outcome Report” required
- Ongoing outreach to disadvantaged communities, community-based organizations, and tribes
- Consultation with utilities



2023 NEVI Plan Requirements



Major Elements for Updating Deployment Plans

Update "Future Conditions Analysis"

- Re-run EVI Road Trip model to account for:
 - ✓ New stations built since the original NEVI Plan was filed in 2022
- Update maps and counts of chargers and vehicles

**There is insufficient data to know how many existing stations meet the new section 680 conformance requirements*



2023 NEVI Plan Requirements



Major Elements for Updating Deployment Plans

Other Key Elements to Update

- Summarize and update contracting / solicitation approach
- Identify and Quantify Benefits to DACs – new requirement
- Expand Freight Planning and Truck Charging Section
- Describe new Round 7 Alternative Fuel Corridor Nominations
- Reliability and Resiliency
- Utility Interconnection Issues
- Labor and Workforce Update



Public Comment

Questions and Answers



Questions to Stakeholders



1. Do you have any recommendations for the Community Engagement Outcome Report?
2. Are our community-based organizations and tribes satisfied with our level of community engagement? If not, how can it be improved?
3. What are the key issues for consultation with California utilities?
4. Are there any major market changes to charging infrastructure or battery-electric vehicles that we should be aware of as we update the plan?
5. How will the new definition of "Built-Out Creditable Station" affect our NEVI analysis and deployment strategy?



Verbal Comments via Zoom



Two ways to comment or ask questions

1. Use the raise hand function in Zoom
Zoom Phone Controls:
*6 – toggle mute/unmute
*9 – raise hand 2.
2. Type questions in the Zoom Q&A Box
Please state your name and affiliation.
Keep questions under 3 minutes to allow time for others.



Public Comment



Please submit written comments by 5pm on July 7, 2023

1. Use Docket Number 22-EVI-03 at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-EVI-03>
2. Use CEC's electronic comment system at <https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=22-EVI-03>
3. Or email comments to docket@energy.ca.gov
 - a) Put 22-EVI-03 in subject line along with "2023 Update to the National Electric Vehicle Infrastructure Plan"



Contact Information



NEVI Webpage

<https://www.energy.ca.gov/programs-and-topics/programs/national-electric-vehicle-infrastructure-program-nevi>

NEVI Deployment Plan Docket

Docket # 22-EVI-03

<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=22-EVI-03>

NEVI Deployment Plan Contacts

Jim McKinney, CEC Project Manager: jim.mckinney@energy.ca.gov

Ben De Alba, CEC NEVI Team Lead: ben.dealba@energy.ca.gov

Jimmy O'Dea, Caltrans Assistant Deputy Director: jimmy.odea@dot.ca.gov