

DOCKETED

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National Electric Vehicle Infrastructure (NEVI) Program Tools Informational Workshop

April 13, 2023 | 10:30 am



Workshop Agenda



- Housekeeping
- NEVI Program Update
- Corridor Group Interactive Map
- Matchmaking Tool
- Question & Answers
- Adjourn



Housekeeping



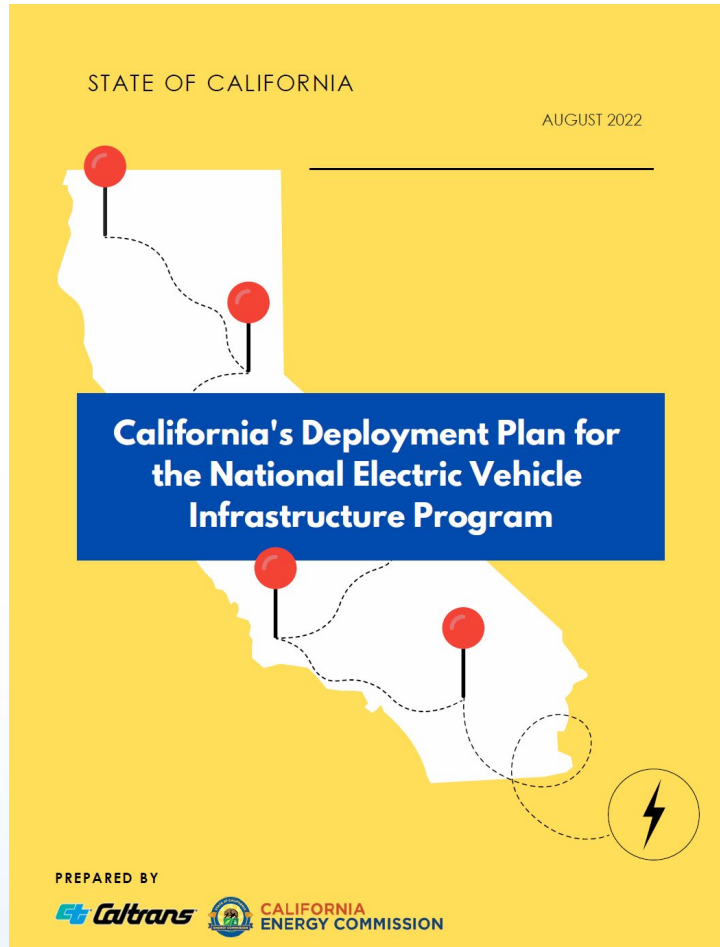
- Workshop is recorded on Zoom
- Virtual Participation via Zoom or telephone during the Q&A period
- Presentation is available online
- CEC NEVI web page:
<https://www.energy.ca.gov/programs-and-topics/programs/national-electric-vehicle-infrastructure-program-nevi>
- NEVI Docket 22-EVI-05:
<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=22-EVI-05>



NEVI Program Update



NEVI Program Background



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

California's Deployment Plan
for the NEVI Program



NEVI Standards and Requirements



- Final minimum standards for federally funded electric vehicle charging infrastructure projects
- Posted on February 28, 2023
- Effective March 30, 2023
- Available on the Federal Register:
<https://www.federalregister.gov/documents/2023/02/28/2023-03500/national-electric-vehicle-infrastructure-standards-and-requirements>





NEVI Implementation Timeline



Milestone	Timeline
Draft NEVI Plan released	June 8, 2022
CA submits final plan	August 1, 2022
CEC-Caltrans Pre-Solicitation Workshop	September 7-8, 2022
Federal approval of California's NEVI Plan	September 14, 2022
CA develops NEVI solicitation	Underway
<u>Anticipated first round of solicitation release</u>	<u>Mid 2023</u>



NEVI Corridor Group Interactive Map



Purpose of Interactive Map



- Identify eligible areas for infrastructure deployment under California's National Electric Vehicle Infrastructure Formula Program

California's National
Electric Vehicle
Infrastructure
Funding Program
Map

[NEVI GIS Data](#)

ACCESS THE
TOOL >





Where to Find the Interactive Map



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

Data and Maps



- NEVI Corridor Group Interactive Map (February 2023)
- CARB's California Climate Investment Priority Populations Map 2022 CES 4.0
- Electric Vehicle Charging Justice40 Map Tool
- Federal Highway Administration Alternative Fuel Corridor Map
- NEVI Corridor Group Ranking Spreadsheet

Project Team Resources





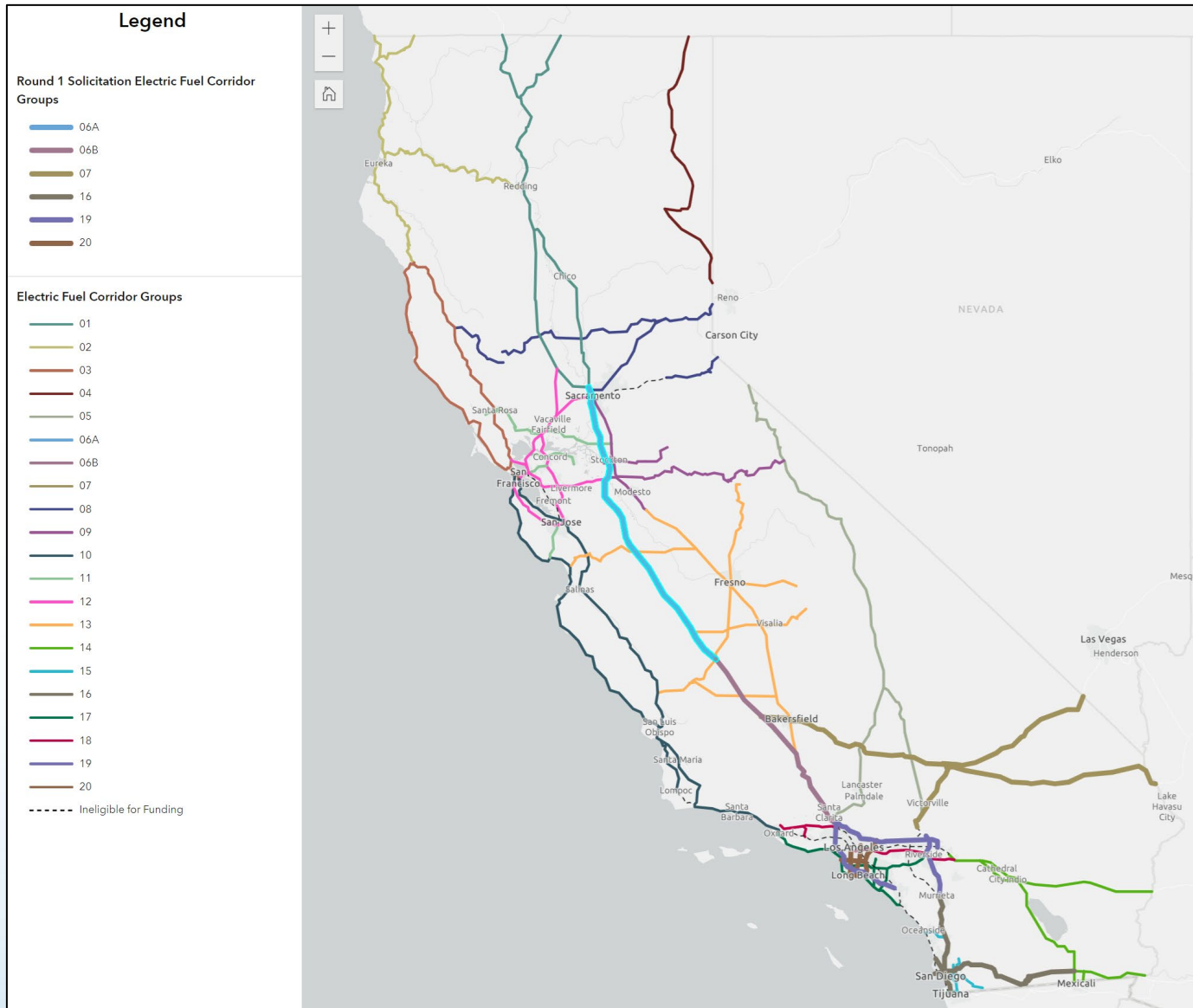
Available Map Layers



- Round 1 solicitation electric fuel corridor groups
- Electric fuel corridor groups
- Stations that meet NEVI requirements
- DC fast charging stations that do not meet NEVI requirements but within 1-mile of corridor
- Disadvantaged communities designated by Justice40
- Low-income or disadvantaged communities designated by California
- California and Justice40 disadvantaged or low-income communities
- Federally Recognized Tribal Lands
- Metropolitan Planning Organizations
- Regional Transportation Planning Agencies
- California Counties
- Caltrans Districts
- Electric Utilities



Corridor Group Layers



Zoom to 1 of 2

Sacramento to Kettleman City (I-5)

Corridor Segment	Sacramento to Kettleman City
Corridor Group	06A
Alternative Fuel Corridor	I-5
Minimum Sites	2
Chargers Required	67
Required Sites	NA
Additional Notes	

- A **Corridor Segment** is a portion of a highway corridor.
- A **Corridor Group** is a group of one or more corridor segments.
- **Minimum Sites** refer to the minimum number of project sites a corridor segment must have to be eligible for NEVI funding.



Station Layers



Legend

Stations that meet NEVI requirements (updated March 2023)

●

DC fast charging stations that do not meet NEVI requirements but within 1-mile of a corridor (updated March 2023)

●

+

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Stations that meet minimum criteria may change by the time of solicitation release.

Please refer to the Department of Energy's Alternative Fuels Data Center and PlugShare for up to date existing and planned DC fast charger sites.

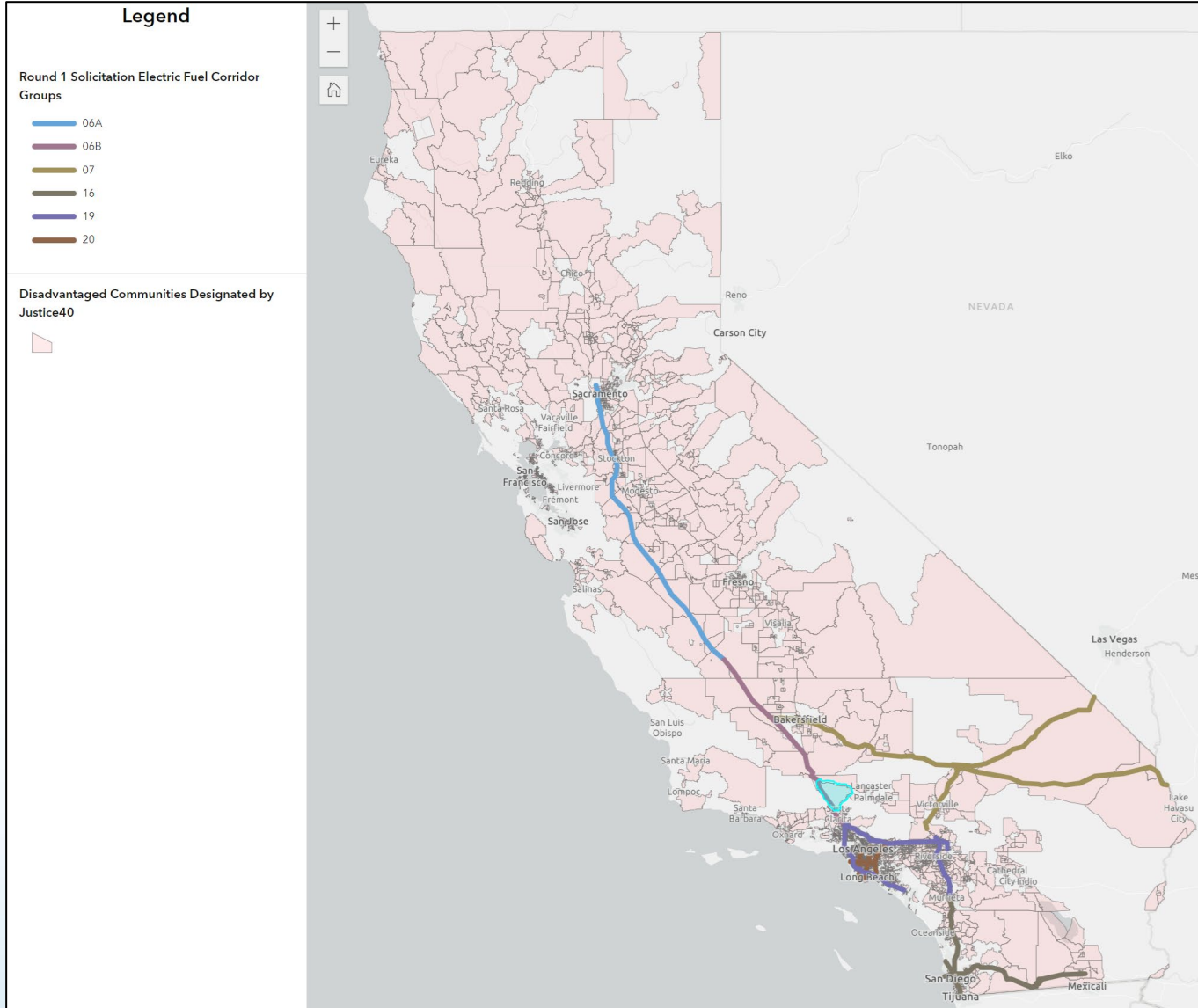
Zoom to
1 of 2

America's Best Value Inn

Fuel Type Code	ELEC
Station Name	America's Best Value Inn
Street Address	3930 County Road 89
City	Dunnigan
State	CA
ZIP	95937
EV Level2 EVSE Num	
EV DC Fast Count	4
EV Network	Electrify America
Latitude	38.882320
Longitude	-121.972460
Date Last Confirmed	9/27/2022, 5:00 PM
ID	121776
EV Connector Types	CHADEMO J1772COMBO
EV Total Port Count	4
EV CHAdeMO Port Count	1
EV J1772 Port Count	0
EV CCS Type1 Port Count	4
EV Tesla Port Count	0
EV CCS 150kW plus Port Count	4
NEVI Minimum Standard	Yes



Equity Layers: Disadvantaged Communities Designated by Justice40



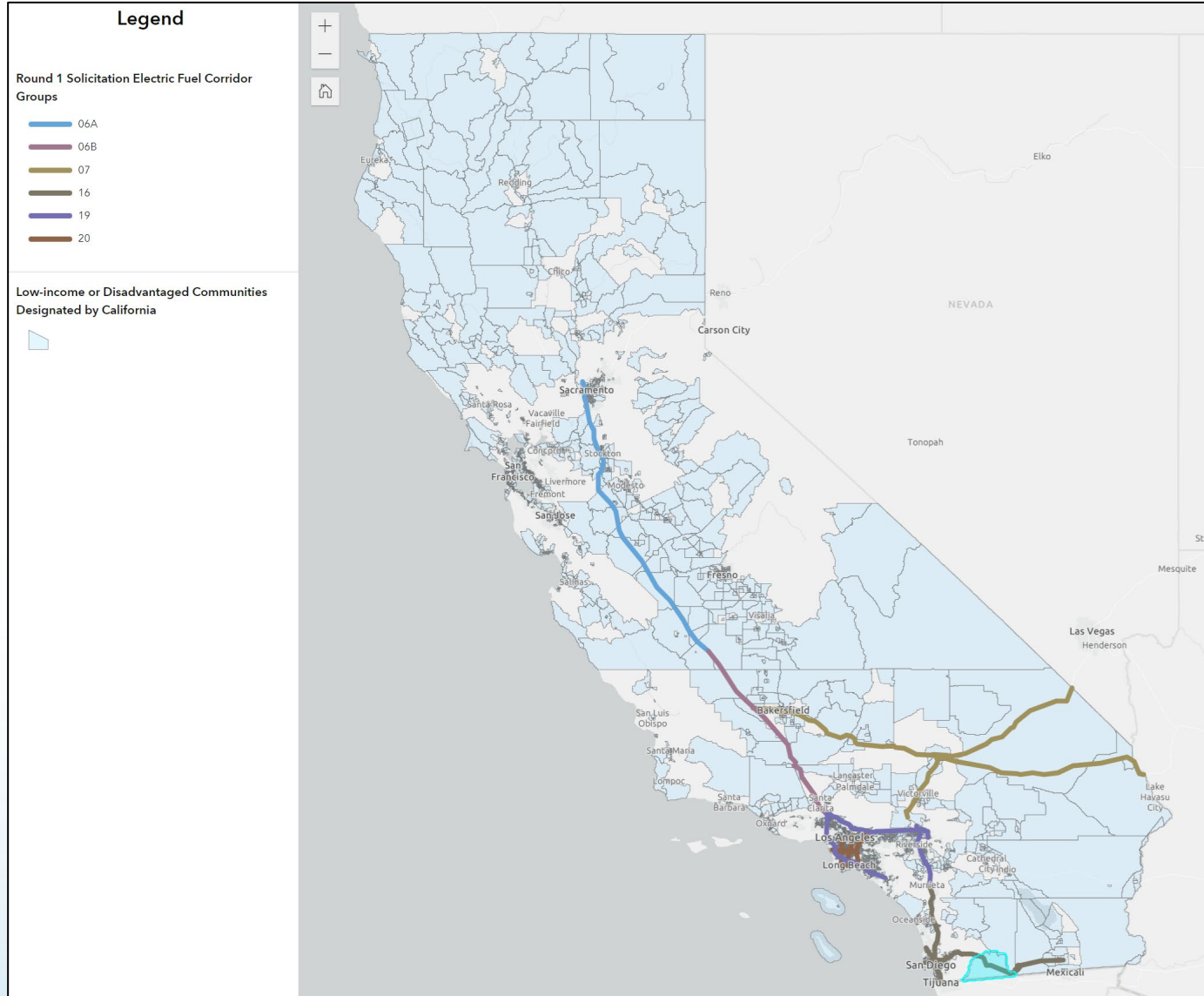
Zoom to 1 of 2

Census Tract 06037920102

GEOID	06037920102
CITY	Castaic
COUNTY	Los Angeles County, CA
CBSANAME	Los Angeles-Long Beach-Anaheim, CA



Equity Layers: Low-income or Disadvantaged Communities Designated by California



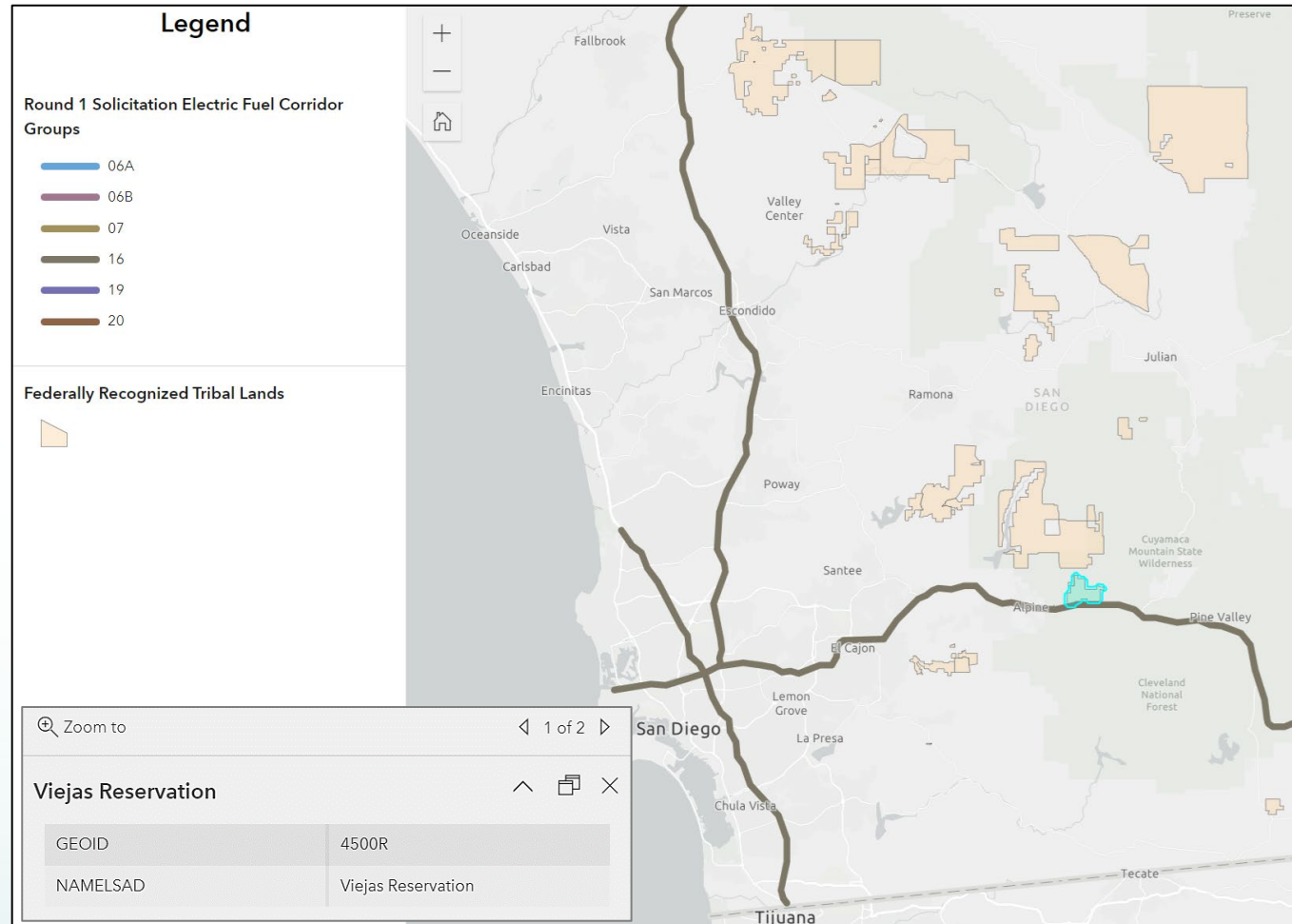
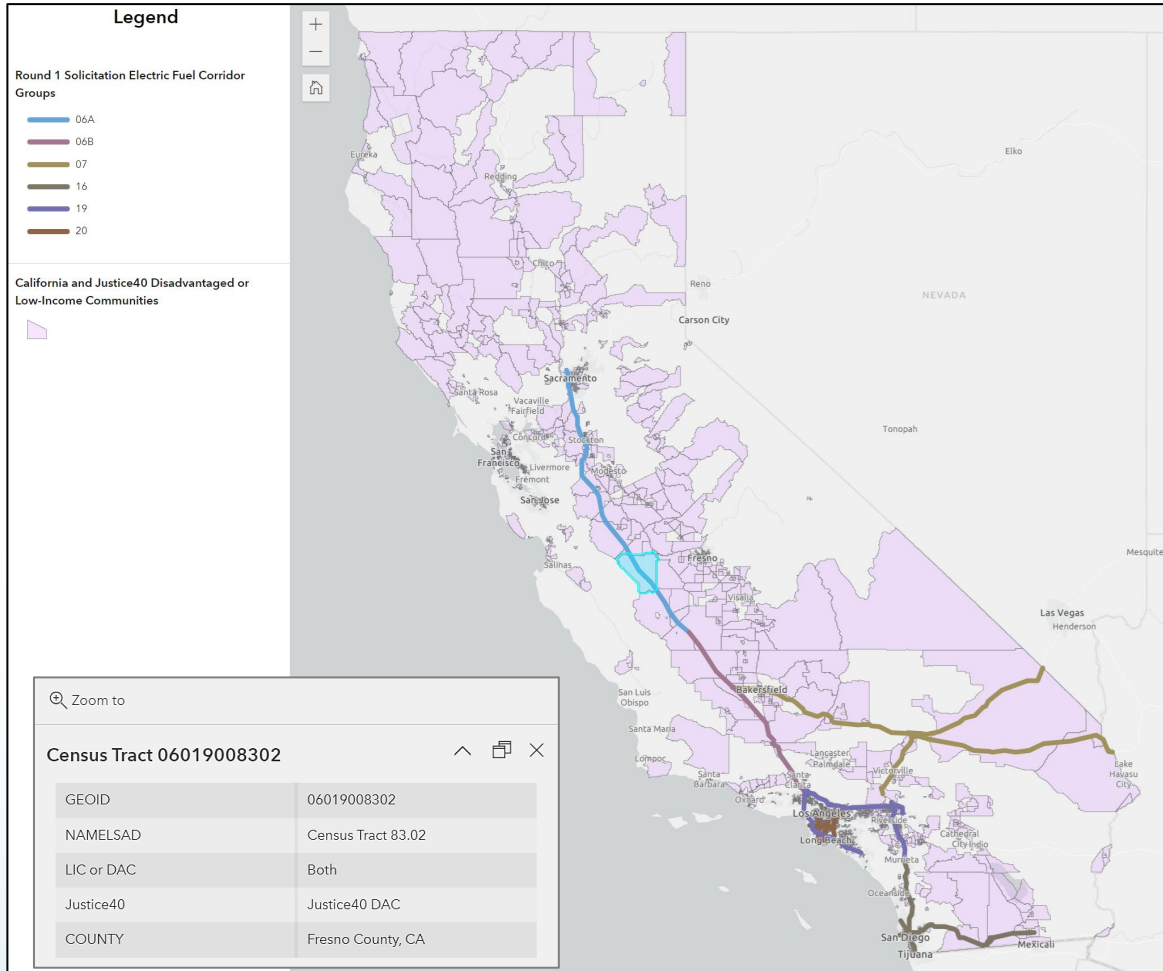
Zoom to

Census Tract 06073021100

GEOID	06073021100
LIC or DAC	LIC



Equity Layers: California and Justice40 Disadvantaged or Low-income Communities and Federally Recognized Tribal Lands



Boundary Layers

Metropolitan Planning Organizations

Zoom to

Sacramento Area Council of Governments (SACOG)

MPO	Sacramento Area Council of Governments
MPO LABEL	SACOG

Regional Transportation Planning Agencies

Zoom to

Sacramento Area Council of Governments

RTPA	Sacramento Area Council of Governments
LABEL RTPA	SACOG

California Counties

Zoom to

Sacramento County

NAME	Sacramento County
STATE NAME	California

Caltrans Districts

Zoom to

Caltrans District 3

DISTRICT	3
Region	North

Electric Utilities

Zoom to

Sacramento Municipal Utility District

Acronym	SMUD
Utility	Sacramento Municipal Utility District
Type	POU



Live Demo of Interactive Map



NEVI Funding Program Map

California's National Electric Vehicle Infrastructure Funding Program Map

Legend

Stations that meet NEVI requirements

-

Round 1 Solicitation Electric Fuel Corridors

- 06A
- 06B
- 07
- 16
- 19
- 20

Electric Fuel Corridors

- 01
- 02
- 03
- 04
- 05
- 06A
- 06B
- 07
- 08
- 09
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20
- Ineligible for Funding

Map Layers

- Corridor Group Labels (visible only at certain ranges)
- Stations that meet NEVI requirements
- DC fast charging stations that do not meet NEVI requirements but within 1-mile of a corridor
- Round 1 Solicitation Electric Fuel Corridors
- Electric Fuel Corridors
- Metropolitan Planning Organizations
- Regional Transportation Planning Agencies
- California Counties
- Caltrans Districts
- Electric Utilities
- California and Justice40 Disadvantaged or Low-Income Communities
- Federally Recognized Tribal Lands
- Disadvantaged Communities Designated by Justice40
- Low-income or Disadvantaged Communities Designated by California



NEVI Matchmaking Tool



Purpose of Matchmaking Tool



NEVI Interested Site Host and Partners Sign Up Form

The first National Electric Vehicle Infrastructure (NEVI) Program Funding solicitation is under development and expected to be released in 2023. California Department of Transportation (Caltrans) and California Energy Commission (CEC) heard from various stakeholders about the need for a matchmaker to connect potential site hosts with potential NEVI project leads.

Interested site hosts and other potential NEVI project partners can submit their contact and other relevant information in this form for the purposes of facilitating partnerships. By filing out this form, you agree to have your contact information and facility location posted **publicly** on the CEC's website **AND** have entities contact you.

Note: Site hosts may be contacted by entities applying for non-NEVI funding.

If you have previously filled out this form and would like to be removed from the list, please submit your request here: <https://forms.office.com/g/UJ0Y1iRbwid8>.

CEC makes no guarantees, promises, or representations as to the qualifications of participants in this matchmaking process, nor as to the success of receiving NEVI funds as a result of participation.

CEC assumes no liability whatsoever for any harm to any corporation or individual which may result from participation in this matchmaking process. Survey respondents, by submitting survey, agree to indemnify, defend, and save harmless the State, its officers, agents, and employees from any and all claims and losses accruing to the survey respondent or any other person, firm, or corporation in connection with participating in the matchmaking process.

* Required

1. Organization/Company *

Enter your answer

2. Organization/Company Type *

- Business
- Nonprofit Organization
- California Native American Tribe
- Public or Government entity
- Other

Facilitate partnerships:

- Interested Site Hosts
- NEVI Project Partners

	A	B	C	D	E	F	G	H
	Organization / Company	Organization / Company Type	Contact Name	Contact Email Address	Phone Number	Select type of partner	Select type of contractor	Additional Comments
1	Company A	Public or Government entity	First1 Last1	first1.last1@email.com	(555) 111-1111	Electricity Providers (electric load serving entities such as utilities and community choice aggregators)		We provide electricity for X region of California.
2	Company B	Business	First2 Last2	first2.last2@email.com	(555) 222-2222	Equipment Distributors and Re-Sellers (businesses that sell equipment manufactured by others)	EVITP Certified Electricians;Electrical;Disadvantaged Business Enterprise;Small Business Enterprise ;	Turn-key company to assist with electric vehicle charger installation.
3	Company C	Nonprofit Organization	First3 Last3	first3.last3@email.com	(555) 333-3333	Technical Assistance (provides technical support and consultation for projects)		Can offer grant writing assistance.
4	Company D	Business	First4 Last4	first4.last4@email.com	(555) 444-4444	Contractor/Installer (contractors that install electric vehicle chargers)	Small Business Enterprise	5-years experience installing DC Fast Chargers.
5	Company E	Public or Government entity	First5 Last4	first5.last5@email.com	(555) 555-5555	Technical Assistance (provides technical support and consultation for projects)		Can provide charger siting and permitting assistance.
6	Company F	Business	First6 Last6	first6.last6@email.com	(555) 666-6666	Equipment Manufacturer (manufacturer of electric vehicle chargers)	EVITP Certified Electricians;Electrical;Disadvantaged Business Enterprise;Small Business Enterprise ;	
7								

Interested Site Hosts and Partners List (Note: Sample list shown)



Where to Find the Matchmaker Tool



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

Data and Maps	+
Project Team Resources	×
<ul style="list-style-type: none">• Empower Innovation• CALeVIP Connects• NEVI Matchmaker Tool• Interested Site Host and Partners List	



Live Demo of Matchmaker Tool



- [CEC NEVI Webpage](#)
- [Matchmaking Tool](#)
- [Interested Site Hosts and Partners List](#)



Questions & Answers





Participating 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. Type questions in the Zoom Q&A Box

- Please state your name and affiliation.
- Keep questions under 3 minutes to allow time for others.



Contact Information



Questions about the tools?

NEVI Interactive Map: Tiffany.Hoang@energy.ca.gov

NEVI Matchmaker Tool: Thanh.Lopez@energy.ca.gov

General questions please email: mediaoffice@energy.ca.gov.



Thank You!

