



# California Energy Commission

Concepts for Electric Vehicle Infrastructure Tribal Solicitation

Tribal Listening Session

May 4, 2023



# Overview

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1. Welcome and Housekeeping
2. Background
  - a. En Banc Update & Energy Sovereignty Resolution
  - b. Overview of the Clean Transportation Program (CTP)
  - c. CTP Obstacles
3. Solicitation Concept
  - a. Objective
  - b. Scope & Applicable Project
  - c. Proposed Timeline
4. Discussion & Next Steps
5. Adjourn



# Welcome and Housekeeping

- Workshop is on Zoom
- Virtual Participation through Zoom
  - Raise Hand or Q&A feature
  - Telephone participants:
    - Dial \*9 to raise your hand
    - Dial \*6 to mute/unmute your phone line
- Written question or comments after this listening session can be submitted to Patrick Brecht [patrick.brecht@energy.ca.gov](mailto:patrick.brecht@energy.ca.gov).



# Background







# March En Banc Meeting

On March 2nd tribes and state agencies held an En Banc, a joint convening of CEC and Public Utilities Commission Commissioners and tribal leaders, to share perspectives and priorities on advancing clean energy.



*Tour of Humboldt Bay, March 2, 2023*



# Energy Sovereignty Resolution

The CEC recognizes the inherent sovereignty of California Native American tribes and that energy resources, including energy reliability, are a critical component of daily life, community independence, self-government, and sovereignty.

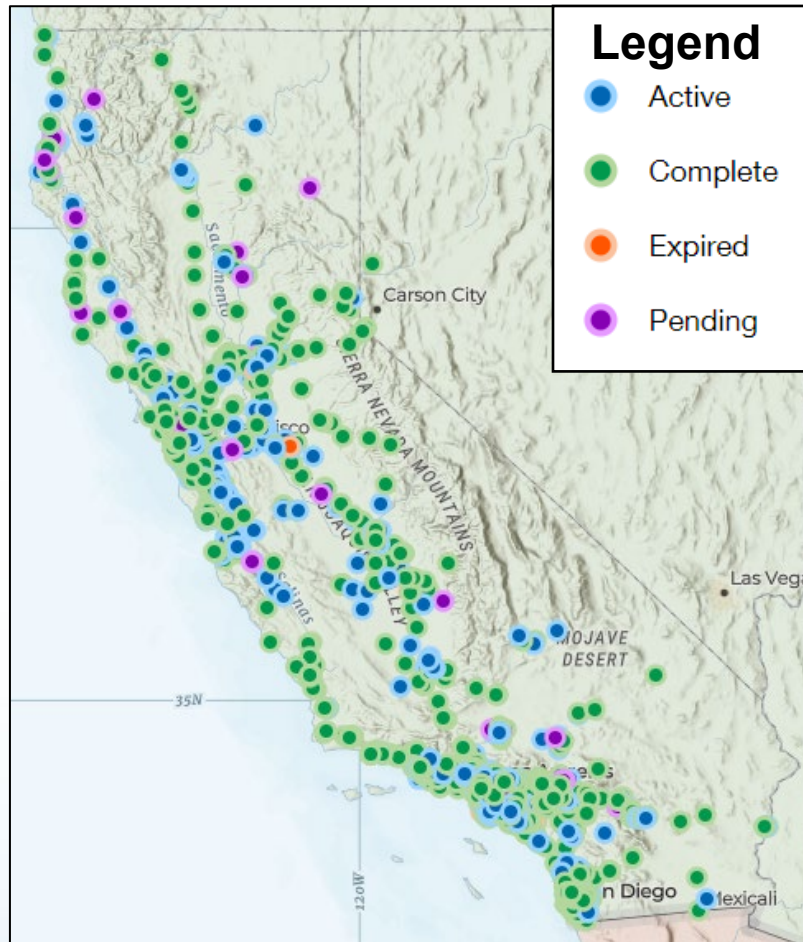
- Goals:
  - Increased tribal access to funding and consultation
- Actions:
  - Develop capacity and technical assistance resources
  - Dedicated tribal set-asides
  - Protect tribal cultural resources in planning clean energy projects



*CEC-CPUC En Banc Meeting at Cal Poly Humboldt.*



# CEC Clean Transportation Program and Investment Plan



Through an annual investment plan the Clean Transportation Program (CTP) was created to invest in a cleaner, healthier transportation system.

- Established by [Assembly Bill 118 \(Núñez, 2007\)](#) extended to January 1, 2024 by [Assembly Bill 8 \(Perea, 2013\)](#).
- CTP Invests in:
  - Zero Emission Vehicle (ZEV) infrastructure
  - Workforce development
  - ZEV technology advancement
  - Clean technology manufacturing

Clean Transportation Program investment map.

<https://caenergy.maps.arcgis.com/apps/webappviewer/index.html?id=a549177f996c4ee7a9b9925974a3b34a>



# Current Funding Opportunities

## Light-duty EV Charging Infrastructure

- CA Electric Vehicle Infrastructure Project (CALeVIP)
  - CALeVIP 1.0 & CALeVIP 2.0 - block grant to provide incentives for the purchase and installation of light-duty electric vehicle (EV) chargers.
- Communities in Charge - block grant in collaboration with CALSTART for Light-Duty Electric Vehicle Charger Incentive Projects
- Convenient, High-Visibility, Low-Cost, Level 2 Charging (CHILL-2) - competitive grant solicitation for reliable and accessible Level 2 electric vehicle (EV) charger deployment

## MD/HD EV Charging Infrastructure

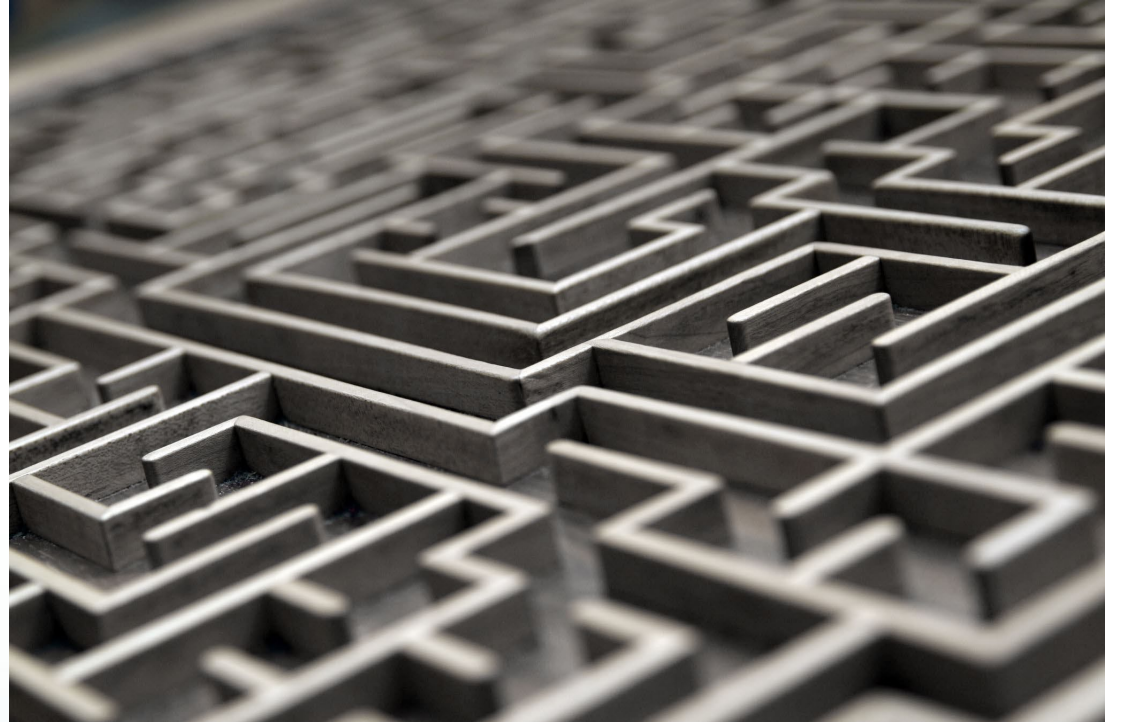
- Energy Infrastructure Incentives for Zero-Emission Commercial Vehicles (EnergIZE) - commercial vehicle fleet infrastructure incentive project for medium- and heavy-duty battery electric and hydrogen fuel cell vehicles in California





# Obstacles to CTP Tribal Participation

- High demand for limited funding
- Few funding opportunities for:
  - Resiliency technology
  - Technical assistance
  - Capacity building needs





# Solicitation Concept



# Solicitation Concept - Objectives

## Solicitation Objective:

- Accelerate electric vehicle (EV) adoption among California Native American Tribes
  - Dedicated, tribal-specific solicitation for EV infrastructure
  - Increase EV access for tribes
- Create incentives that support reliable and resilient EV infrastructure, which can increase tribal energy access for transportation end uses



# Solicitation Concept - Scope

- Avoid duplicative consultation
- Focus on areas of significant need
  - CTP cannot fund vehicle incentives and likely can't fund alternative transportation if it requires vehicle incentives.

Tribal Priorities	Average Score (0-3)
ZEV Planning	2.32
EV Infrastructure	2.28
EV Vehicle Incentives	2.15

*Source: Forthcoming CEC California Tribal Gap Analysis Draft Report*

- The CEC proposes to fund resilient EV charging infrastructure and seeks input on the value of ZEV planning funding.





# Solicitation - Applicable Projects

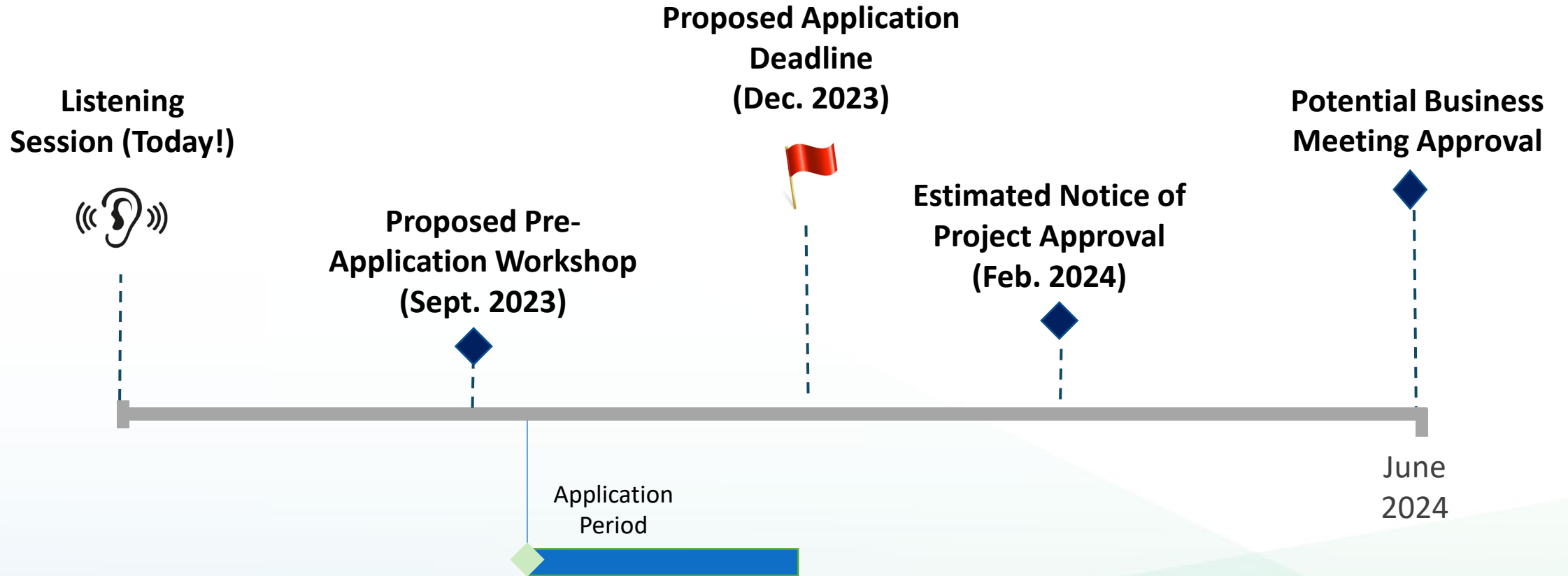
- ZEV planning, workforce training and development
- EV infrastructure
- Resiliency equipment  
*(integrated with EV infrastructure)*
  - Behind-the-meter (BTM) stationary energy storage
  - Renewable generation
  - Off-grid charging technology



*Yurok Chairman Joseph L. James, flanked by member of the Tribal Council and representatives from Yurok Economic Development Corporation, cuts a ribbon to celebrate the installation of new electric vehicle chargers April 2019.*



# Proposed Timeline





# Discussion

1. Do you have questions or comments about the Clean Transportation Program?
2. What are tribal priorities for EV infrastructure funding?
3. How can the CEC support reliable EV infrastructure in tribal communities?
4. Do tribes want funding for EV planning studies and tribal workforce development?
5. How should the CEC include considerations for cultural and tribal cultural resources in developing this funding opportunity?
6. How can CEC staff best engage tribes during the development and administration of funding opportunities?



# Next Steps

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## **Tribal Listening Session Events Page:**

<https://www.energy.ca.gov/event/meeting/2023-05/tribal-listening-session-concepts-zero-emission-vehicle-infrastructure-tribal>

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# Contact Information

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- **Fuels and Transportation:** Patrick Brecht, [patrick.brecht@energy.ca.gov](mailto:patrick.brecht@energy.ca.gov)
- **Tribal Liaison:** Katrina Leni-Konig, [katrina.leni-konig@energy.ca.gov](mailto:katrina.leni-konig@energy.ca.gov)



**Thank You**

