

**DOCKETED**

<b>Docket Number:</b>	21-TRAN-01
<b>Project Title:</b>	Electric Vehicle Infrastructure Training Program Public Engagement
<b>TN #:</b>	237452
<b>Document Title:</b>	Presentation - Joint Workshop with the CEC and CPUC on the EVITP 4-16-2021
<b>Description:</b>	*** This presentation supersedes TN: 237413***
<b>Filer:</b>	Spencer Kelley
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
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# **Joint Workshop with the California Energy Commission and California Public Utilities Commission on the Electric Vehicle Infrastructure Training Program (EVITP)**

April 16, 2021 Staff Workshop

Mark Johnson  
Fuels and Transportation Division



# Workshop Agenda

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- **Opening Remarks (9:00 – 9:10)**
  - Mark Johnson, Clean Transportation Program, California Energy Commission (CEC)
- **EVITP Requirements for Infrastructure Installation (9:10 – 9:30)**
  - CEC: AB 841 Requirements in CEC Solicitations, Mark Wenzel
  - California Public Utilities Commission (CPUC): History and Approach for 2021 and Future Decisions, Michael Truax
  - California Air Resources Board (CARB): Terms and Conditions Updates for New Agreements, Michelle Buffington



# Workshop Agenda

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- **Workforce Training and Development (9:30 – 10:00)**
  - CEC Clean Transportation Program Workforce Training and Development, Larry Rillera
  - Employment Training Panel, Robert Meyer
- **EVITP Curriculum Review (10:00 – 11:00)**
  - U.S. Department of Energy, Overview of Education and Training Programs for Electric Vehicle Charger Installation Best Practices, Mark Smith
  - EVITP Curriculum, Bernie Kotlier and Ryan Bradt
- **Discussion by Stakeholders (11:00 – 11:55)**
- **Wrap-up (11:55 – 12:00)**



# Housekeeping

- Workshop is being recorded.
- Workshop Event Webpage:  
<https://www.energy.ca.gov/event/workshop/2021-04/joint-workshop-california-energy-commission-and-california-public-utilities>
- Virtual Participation through Zoom
  - Q&A period after the main presentation
  - Raise Hand or Q&A feature
- Written Comments to Docket # 21-TRAN-01:  
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=21-TRAN-01>

**Deadline: Friday, May 14, 2021 by 5:00 PM**



# Commitment to Diversity

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The CEC adopted a resolution strengthening its commitment to diversity in our funding programs. The CEC continues to encourage disadvantaged and underrepresented businesses and communities to engage in and benefit from our many programs.

To meet this comment, CEC staff conducts outreach efforts and activities to:

- Engage with disadvantaged and underrepresented groups throughout the state;
- Notify potential new applicants about the CEC's funding opportunities;
- Assist applicants to understand how to apply for funding from the CEC's programs;
- Survey participants to measure progress in diversity outreach efforts.



# Diversity Survey



Scan the code on a phone or tablet with a QR reader to access the survey.

Survey Link:

<https://forms.office.com/Pages/ResponsePage.aspx?id=RBI6rPQT9k6NG7qicUgZTkIkrXxJTqZHkrLA2sMddRtUNVVFU1NWNENaWVlyT1NOMD A4WEVIOFJLWS4u>

## One Minute Survey

The information supplied will be used for public reporting purposes to display anonymous overall attendance of diverse groups.

Zoom Participants, please use the link in the chat to access the survey or scan the QR code on the left of the screen with a phone or tablet to access the survey.

Survey will be closed at the end of the day.



# AB 841, Section 4 Summary

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- Requirement for EVITP certification for at least one electrician on each crew installing charging equipment funded or authorized by the Energy Commission, Air Resources Board, or Public Utilities Commission (with some exceptions)
- Training provisions
- Curriculum workshops





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# **AB 841 Requirements in CEC Solicitations**

Mark Wenzel  
California Energy Commission



# AB 841 Requirements in CEC Solicitations and Agreements

- Added to all new or amended solicitations for EV charging infrastructure installation
- Added all new agreements funding EV charging infrastructure installation
  - Recipients must submit an AB 841 Certification that certifies the project has complied with all AB 841 (2020) requirements or describes why the AB 841 requirements do not apply to the project. The certification shall be signed by Recipient's authorized representative.
  - Recipients must submit EVITP Certification Numbers of each Electric Vehicle Infrastructure Training Program certified electrician that installed electric vehicle charging infrastructure or equipment. EVITP Certification Numbers are not required to be submitted if AB 841 requirements do not apply to the project.
- Required for CALeVIP applications moved into reserved status on or after 9/1/2021, for San Diego County Incentive Project and beyond (Peninsula-Silicon Valley, Inland Counties, etc.)



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# California Public Utilities Commission: History and Approach for 2021 and Future Decisions

Michael Truax  
California Public Utilities Commission



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# California Air Resources Board: Terms and Conditions Updates for New Agreements

Michelle Buffington  
California Air Resources Board



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# Clean Transportation Program Workforce Training and Development

Larry Rillera  
California Energy Commission



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# Employment Training Panel

Robert Meyer  
Employment Training Panel



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# Overview of Education and Training Programs for Electric Vehicle Charger Installation Best Practices

Mark Smith  
US Department of Energy



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# EVITP Curriculum

Bernie Kotlier  
Electric Vehicle Infrastructure Training Program





# Stakeholder Discussion

- Should the EVITP curriculum be supplemented to include updated or additional topics necessary to ensure safe installation of charging infrastructure?
- What are the cost, cost effectiveness, consensus in the industry, market penetration of new technologies, and the availability of supplemental training from other sources, of any updated or additional topics?
- What training programs are available for EVSE installation, operation, and service?
- Is additional training and testing needed to safely install direct current fast charging infrastructure, high voltage charging infrastructure, or charging infrastructure for medium- and heavy-duty vehicles?
- How can the State support EVITP training and ensure equitable access for all eligible electricians?
- How can EVITP, the State, and others collaborate to ensure the deployment of infrastructure in a timely manner to support California's ZEV goals?



# Submit Comments to Docket 21-TRAN-01

## Electronic Commenting System

Visit the comment page for this docket at:

<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=21-TRAN-01>.

## Comment by E-mail

E-mail: [docket@energy.ca.gov](mailto:docket@energy.ca.gov)

Subject Line: "Electric Vehicle Infrastructure Training Program Workshop"



**Thank you for participating remotely.**