

DOCKETED

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Project Title:	Energy Infrastructure Incentives for Zero-Emission Commercial Vehicles (EnergIIZE Commercial Vehicles)
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EnergIIZE Utilities and Me Imperial Irrigation District Workshop Slides and Recording

EnergIIZE Commercial Vehicles Project Utilities and Me Imperial Irrigation District Workshop slide deck below from February 23, 2023 presentation.

A recording of the workshop is viewable at the link below.
<https://www.youtube.com/watch?v=ERUy38TjDeU>

Additional submitted attachment is included below.



Utilities and Me

Imperial Irrigation District (IID)
Workshop

February 23, 2023



EnergIZE Commercial Vehicles

Energy Infrastructure Incentives for Zero-Emission Commercial Vehicles
Accelerating fueling infrastructure deployment for zero-emission trucks, buses and equipment

Jamaica Gentry
*California
Energy Commission
(CEC) Commissioning
Agreement Manager
(CAM)*

**Diana
Friedrich**
CEC CAM

David Chow
Vice President, COO

Alyssa Haerle
*Director of Infrastructure
Incentive Administration*

Amy Gower
Deputy Director

Ralph Troute
Deputy Director

Falisha Lucas
Lead Project Manager

Tesi Bravo
Lead Project Manager

Michael Joseph
Lead Project Manager

Amanda Le
*Lead Project
Manager*

Erin Wimberly
Project Manager

**Alberto Santos-
Davidson**
Project Manager

Eddy Huang
Director

Tom Rauls
Technical Advisor

Wen-Han Liu
Project Manager

Priscilla Barragan
Project Manager

Jalyn Collins
Environmental Scientist

Saul Loza
Environmental Scientist

Thanh Nguyen
Environmental Scientist

Grecia Maya
Environmental Scientist



Zoom Logistics

Webinar URL:

<https://us06web.zoom.us/j/85970318153?pwd=b0hoKzB1a1hhOTthHWFMwOEVqOEExdz09>

Webinar ID: 859 7031 8153

Passcode: 001799

Mobile:

+16699006833,,85970318153# US (San Jose)

+16694449171,,85970318153# US

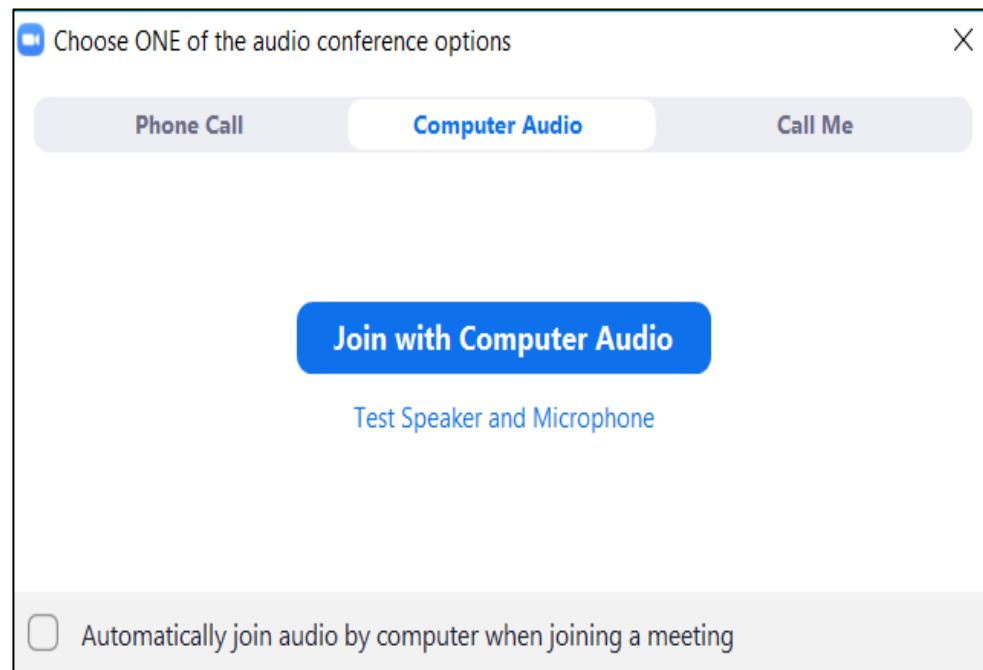
Dial by your location

US: +1 669 900 6833 or

888 788 0099 (Toll Free) or

877 853 5247 (Toll Free)

If you dial-in from a phone, use the meeting ID and passcode from invite



All participants (web and dial-in) are automatically in listen-only mode.

All participants will be unable to share their video.

If you have questions, you can use the Q&A function.



Agenda

Objectives

- CALSTART aims to provide an easy-to-understand process for any fleet to develop a plan to get the electrical vehicle charging equipment installed, commissioned and operating to charge their battery-electric vehicle(s).
- This workshop is focused on the Imperial Irrigation District (IID) but has some general information as well.

Agenda – EnerglIZE Project Case Study

Project Roadmap

- Project Roadmap
 - What are the steps for my project?
 - What is the timeline?

Charger Selection

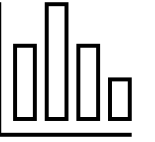
- Charger Selection
 - What is AC vs DCFC?
 - What rating of charger do I need?

IID Service Application

- IID Service Application
 - Who reaches out to IID?
 - What information does IID need from my project?

EnerglIZE Application

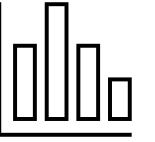
- EnerglIZE Application
 - Tips for success



Poll Question #1a

Which of the following best describes your role (select all that apply)?

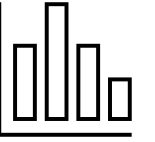
- A. Approved Vendor
- B. Fleet Vehicle Operator
- C. Charging-as-a-Service (CaaS) Provider
- D. Site Owner
- E. Other



Poll Question #1b

Have you previously applied to any EnergllZE funding lanes (check all that apply)?

- A. Yes, to EV Fast Track 2022
- B. Yes, to EV Fast Track 2023
- C. Yes, to Hydrogen 2022
- D. Yes, to EV Jump Start 2022
- E. Yes, to Public Charging 2022
- F. Currently in Public School Bus Set Aside lane
- G. No



Poll Question #1c

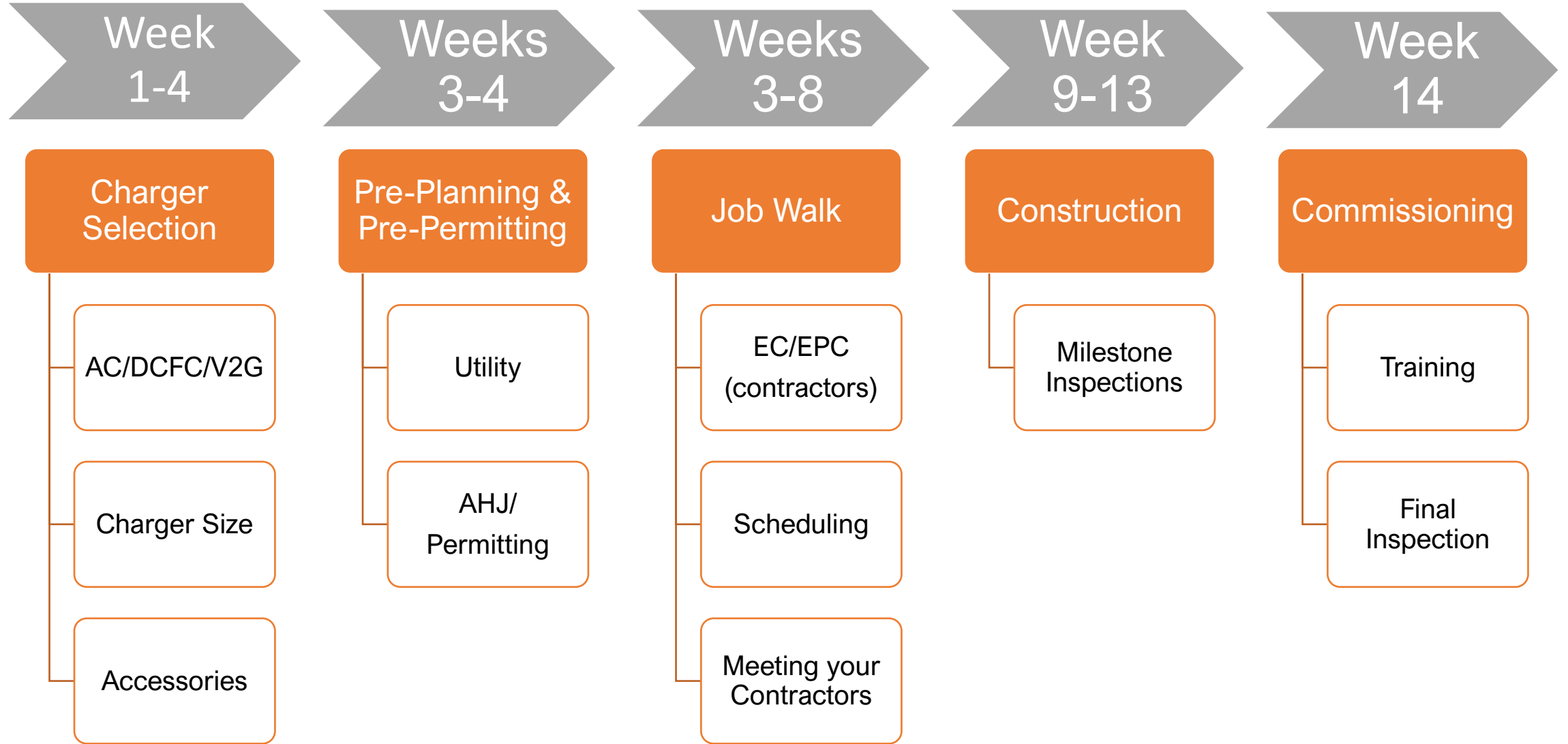
Have you applied to HVIP (Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project) funding?

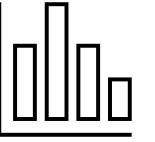
- A. Yes
- B. No



Project Roadmap

Project Roadmap

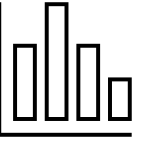




Poll Question #2a

Have you talked to your utility yet?

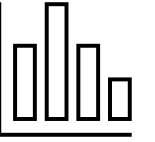
- A. Yes
- B. No



Poll Question #2b

Do you know what charging equipment you want?

- A. Yes
- B. No



Poll Question #2c

Have you ordered your electric vehicle(s)?

- A. Yes
- B. No



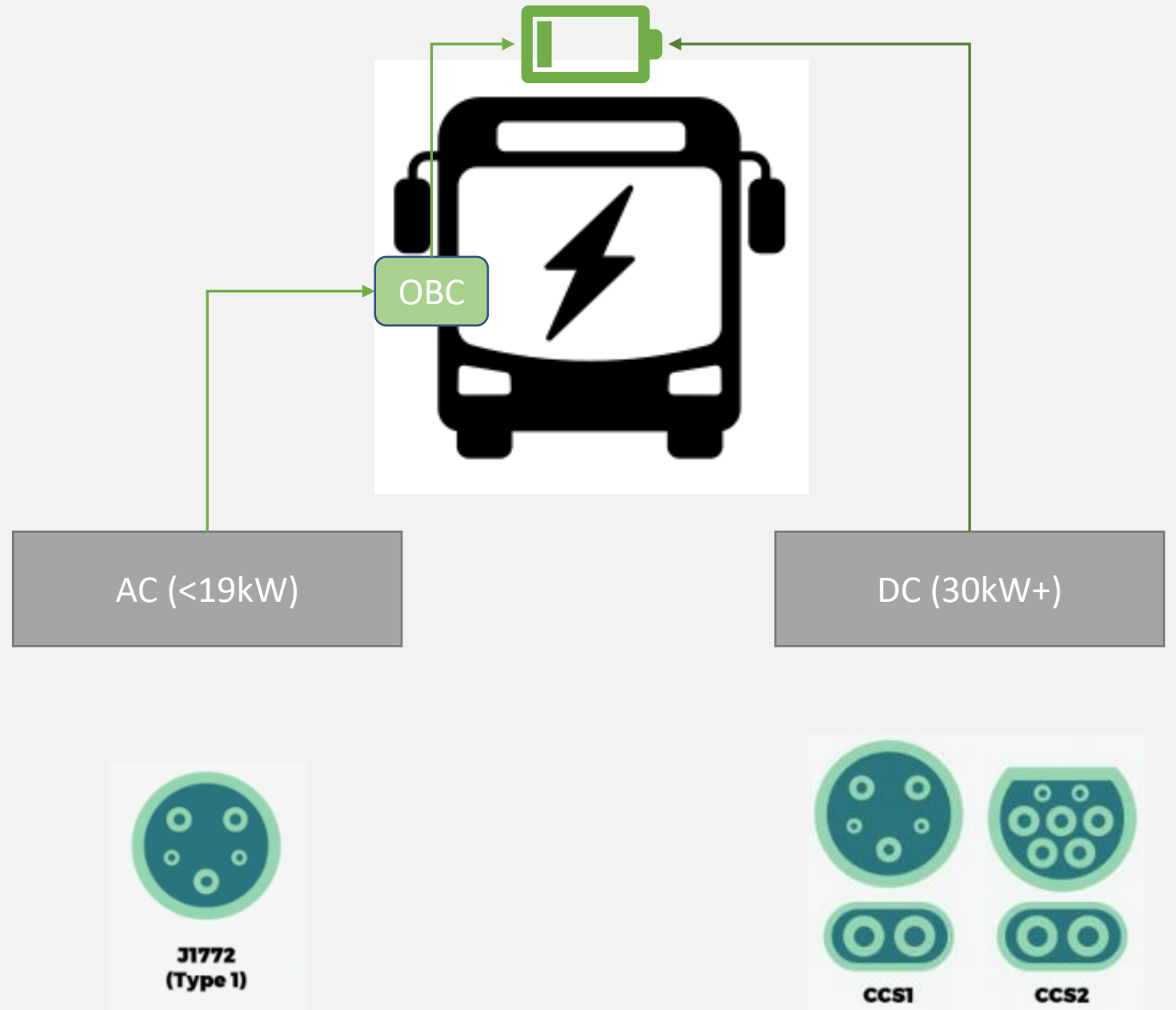
Charger Selection

Charger Selection

AC Chargers		DCFC		V2G	
Pros	Cons	Pros	Cons	Pros	Cons
Easy Install	Slow Charge Time	Fast Charge Time	Complex Install	Planning for the future	New Technology
Low Project Demand	Plug Connectors	Networking Options	High Project Demand	Networking Options	Complex Installation
Accessories	Networking Options	3Ph Options	Long Lead Times	3Ph Options	
Low Maintenance	OBC (On Board Charger)		Large Footprint	Power Flexibility	
Small Lead Time					
Small Footprint					

Note – please talk to your utility to ensure capacity is available to meet project demand.

Charger Selection & Plug Types





- Cable management
- Mounting Systems
- Software
- Signage
- Security
- Communications Hardware
- Maintenance
- Networking
- Demand management software
- Fleet management software



Accessories

Charger Selection



IID Application

IID Application for New Service

Capacity Inquiry

- Service size, panel size, voltage
- Charger Rating
- # of Chargers
- Google Aerial View

Application Packet Step 1

- EPC/EC Contractor Info
- Job Site Address
- Service size, panel size, voltage
- Preliminary Site Plans
- Terms and Conditions
- Project Demand (kW)

Application Packet Step 2 (After Submission)

- Single Line
- Panel Schedule
- Job Site Review
- Assignment of Work

IID Application for New Service

IID-760 (05-17)



CUSTOMER PROJECT DEVELOPMENT SERVICES APPLICATION FOR SERVICE

PROJECT INFORMATION				
PROJECT ADDRESS	CITY	STATE	ZIP CODE	IN-SERVICE DATE
ELECTRICAL INSTALLATION <input type="checkbox"/> Overhead <input type="checkbox"/> Underground <input type="checkbox"/> Area/Streetlight <input type="checkbox"/> Net Meter <input type="checkbox"/> Distributed Generation <input type="checkbox"/> Temporary Service <input type="checkbox"/> Service Relocate <input type="checkbox"/> Service Removal Main Panel Size _____ (Amps) Voltage Required _____ <input type="checkbox"/> 1 Phase <input type="checkbox"/> 3 Phase Number of Meters _____ Total Connected Load (HP) _____				
TYPE OF PROJECT: <input type="checkbox"/> Single Family Residential <input type="checkbox"/> Subdivision Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Agricultural Bus. Hrs. _____ # Workdays in Week _____ # Workdays in Month _____				
CONSTRUCTION CONTACT NAME	CELL NUMBER	OTHER PHONE	EMAIL	
CONTRACT ACCOUNT NUMBER	METER NUMBER(S)			
PROJECT DESCRIPTION (attach additional pages as necessary)				

EC/EPC Assistance

Electrical one-line / panel schedules / panel specifications may be required

IID Application for New Service

COMMERCIAL, INDUSTRIAL, RESIDENTIAL SUBDIVISION, TEMPORARY SERVICE OR AGRICULTURAL			
PROJECT OWNER BUSINESS TYPE: <input type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Sole Proprietor <input type="checkbox"/> L L C <input type="checkbox"/> L L P			
BUSINESS NAME		DOING BUSINESS AS (if applicable)	
BILLING ADDRESS (if different than above)		CITY	STATE
IF PARTNERSHIP, LIST PARTNER NAMES			
1.		2.	
IF CORPORATION, LIST THE FOLLOWING:			
President/Member		Secretary/Member	
Vice President/Member		Treasurer/Member	
Federal Tax ID #			
SIGNATORY #1 (if applicable)	TITLE	DRIVER LICENSE NUMBER	STATE
CELL NUMBER	OTHER PHONE	SOCIAL SECURITY NUMBER (if applicable)	
SIGNATORY #2 (if applicable)	TITLE	DRIVER LICENSE NUMBER	STATE
CELL NUMBER	OTHER PHONE	SOCIAL SECURITY NUMBER (if applicable)	

**IID
Application
for New
Service
Additional
Forms
Needed**

- Customer Project Development Services Other Forms
 - A. Regulations Governing Sale & Use of Electric Energy
 - B. Contractor Information Sheet
 - C. Terms & Conditions
 - D. Joint Trenching Indemnity Agreement



EnergIIZE Application

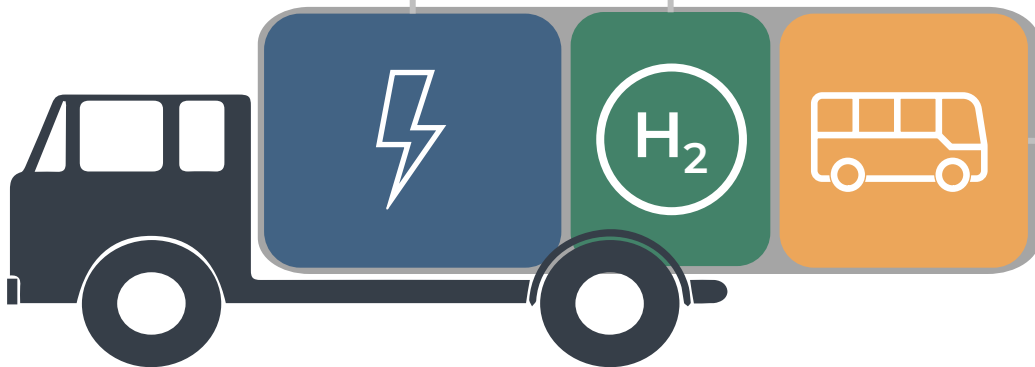
Overview of EnergIZE

Energy Infrastructure Incentives for Zero-Emission Commercial Vehicles

Provides \$69M in financial incentives to increase the deployment of commercial zero emission medium- and heavy-duty (MD/HD) vehicle infrastructure.

Prioritizes equity and community involvement while making incentives available to a wide audience by offering assistance and support.

Funded by the California Energy Commission's (CEC) Clean Transportation Program.



Public School Bus Set Aside



Vehicle incentives (HVIP)

Under HVIP are Set Aside funds for Public School Bus vehicles.



Infrastructure incentives (EnergIIZE)

Under EnergIIZE are Set Aside funds for Public School Bus infrastructure equipment.





Information Needed

- General information you will need to provide to apply for both standard EnerglIZE and EnerglIZE Public School Bus Set Aside incentives:
 - EnerglIZE application
 - Project site information
 - EV charging equipment information.
 - Confirmation you have reached out to your utility to request new service.
- See [EnerglIZE Implementation Manual](#) and [EnerglIZE Public School Bus Addendum](#) for more information.

Upcoming Workshop

- Next EnergllZE Public School Bus workshop date:
 - May 2023
- Sign up for the [EnergllZE newsletter](#) for updates, funding lane announcements, and upcoming workshops.

EnergIIZE Incentive Structure

Applicant Category	EV Fast Track	EV Jump Start	EV Public Charging Station	Hydrogen
Application	First Come, First Served	Competitive	Competitive	Competitive
Incentive Structure	50% of Hardware, extended warranty network, and Software Costs Incurred* 	75% of Hardware, Extended Warranty Software, Network, and Soft Costs Incurred 	50% of Hardware, extended warranty network, and Software Costs Incurred* 	50% of Hardware, extended warranty network, and Software Costs Incurred* 
Project Cap	\$500k*	\$750k	\$500k*	\$3M*

**If an applicant participates during a funding lane other than Jump Start but meets one or more of the criteria outlined in Jump Start, that project is eligible for the incentive structure outlined under Jump Start. In which case, they are eligible for 75% of eligible costs and an increased project cap of \$750k (\$4M for hydrogen).*

Energize Public School Bus Set Aside

Eligible Costs

Up to \$25,000

- for costs per **Level 2 EVSE** installed, or 100% of eligible costs (whichever is of lesser amount).

Up to \$75,000

- for costs per **DCFC EVSE installed**, or 100% of eligible costs (whichever is of lesser amount).

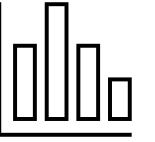
Up to \$100,000

- for costs per **Vehicle-to-Grid capable EVSE**, or 100% of eligible costs (whichever is of lesser amount).





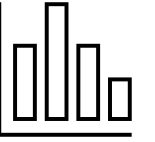
Q&A



Poll Question #3

How helpful was this workshop (on a scale of 1 to 5)?

- A. 1 – Not very helpful
- B. 2
- C. 3
- D. 4
- E. 5 – Very helpful



Poll Question #4

What additional workshop topics would you like to see?

Contact Us



877-ENR-GIZE
877-367-4493



infrastructure@CALSTART.org



www.Energiize.org



48 S. Chester Ave
Pasadena, CA 91106

Thank you