DOCKETED					
Docket Number:	21-TRAN-04				
Project Title:	Title:Energy Infrastructure Incentives for Zero-Emission Commercial Vehicles (EnergIIZE Commercial Vehicles)				
TN #:	259200				
Document Title:	EnergIIZE Drayage Set-Aside Application Workshop Slides and Recording				
Description:	EnergIIZE Commercial Vehicles Project Drayage Set-Aside Application Workshop slide deck from presentation. A recording of the workshop is viewable at the link below. https://vimeo.com/1007774788				
Filer:	CALSTART				
Organization:	CALSTART				
Submitter Role:	Other Interested Person				
Submission Date:	9/17/2024 4:02:16 PM				
Docketed Date:	9/17/2024				

# **ENERGIALVEHICLES**

**EnergIIZE Workshop** Drayage Set-Aside Funding Lane Application Process

July 24, 2024

## **EnergIIZE Commercial Vehicles**

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

Michelle Vater California Energy Commission (CEC) Commissioning Agreement Manager (CAM)

Diana Friedrich CEC CAM

Sebastian Serrato CEC CAM Stacey Simms Sr. Director of Clean Fuels and EV Infrastructure

Alyssa Haerle Director of Infrastructure Incentive Administration

> Tesi Bravo Deputy Director

Amanda Le Lead Project Manager Erin Wimberly Project Manager

Ian Cadger Project Manager

Kelly Ratchinsky Project Manager

Olaoluwa Oyewusi Project Manager

Aidan Anthony Associate Project Manager Sydney Frazier-Flores Engagement Coordinator

Lauren Fleming Operations Coordinator

Thomas McKenna Document Control Specialist

Summer Allen Application Services Coordinator Eddy Huang Director

Erica Alvarado Director

Priscilla Barragan Project Manager

Leslie Lopez Ostorga Enviromental Scientist

Dani Felisco Enviromental Scientist Jalyn Collins Environmental Scientist

Kelly Tobar Enviromental Scientist

Ash Encina Enviromental Scientist

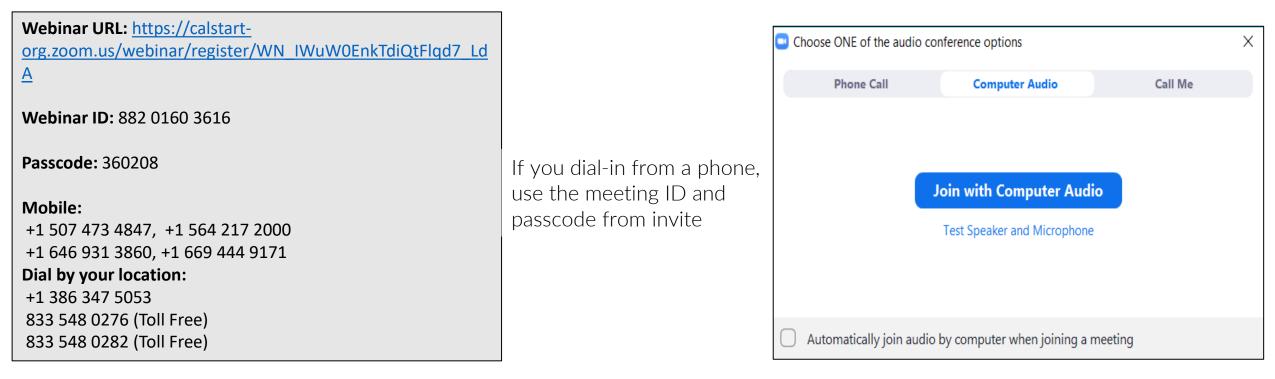
> Grecia Maya Environmental Scientist

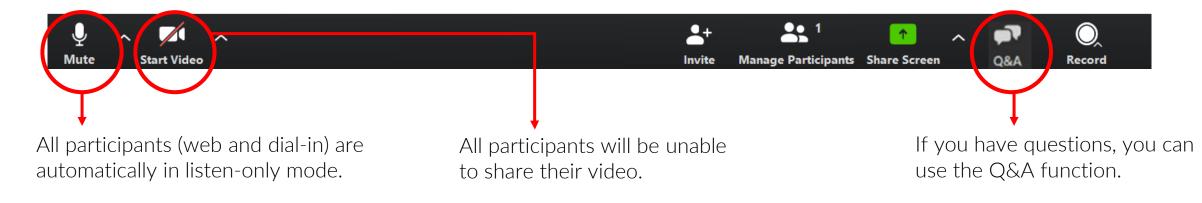






#### **Zoom Logistics**





# Agenda





#### Walkthrough of Drayage Funding Lane Application Process

- 1. Application Requirements
- 2. Application Portal IPC and Sandbox
- 3. Next Steps







# Have you previously applied to an EnergIIZE funding lane?

- A. Yes, to EV Fast Track
- B. Yes, to Hydrogen
- C. Yes, to EV Jump Start
- D. Yes, to Public Charging
- E. Yes, to a Set-Aside lane
- F. No





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

- A. Yes
- B. No





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

- A. Equipment Vendor
- B. Application Partner
- C. Installation Partner
- D. Fleet Vehicle Operator
- E. Site Owner
- F. Other



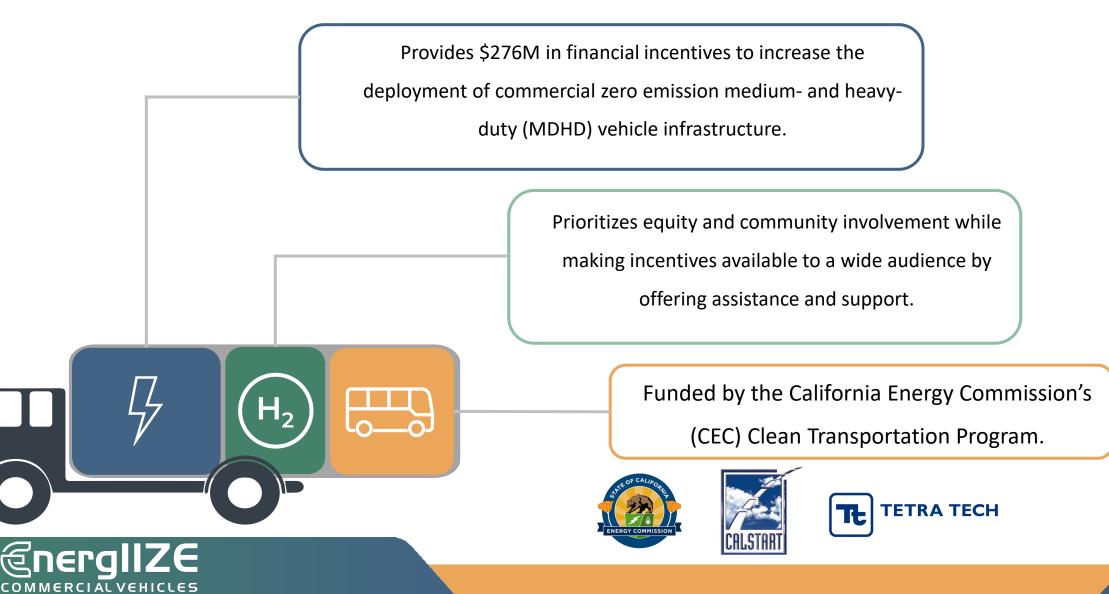
**COMMERCIAL VEHICLES** 

# Overview

Drayage Set-Aside Funding Lane Opened April 30th, 2024 at 9 AM PT

#### **Overview of EnergIIZE**

#### **Energy Infrastructure Incentives for Zero-Emission Commercial Vehicles**



# **Drayage Set-Aside Funding Lane**

The Drayage Set-Aside funding lane pairs HVIP vehicle funding with EnergIIZE infrastructure funding.

#### When can I apply?

• Funding window open from 9am PT April 30<sup>th</sup>, 2024 to Q1 2025.

#### What is covered?

- 75% of Eligible Costs (see Drayage Application Kit for more details)
- Project Cap varies depending on fuel type and equity criteria

#### Who can apply?

 Fleets performing drayage operations (private, shared or public)



- Charging-as-a-Service (CaaS) vendors
- See Drayage Set-Aside Application Kit for full details (<u>www.Energiize.org/resources</u>) under Set-Asides dropdown

#### I need more help!

• For questions or to request technical assistance, please contact <u>infrastructure@CALSTART.org</u>.



#### **Overview of Drayage Incentive Structure**

#### **Basic Incentive Structure**

#### Incentive Structure If Meeting Equity Criteria

#### Incentive Structure If Installing More Nozzles

	EV	Hydrogen Fueling	Mixed Fuel			
Maximum Incentive Offering	75 percent of Adjusted Project Costs Incurred*					
Maximum Project Cap	\$750,000	\$2,800,000	\$1,400,000			
	EV	Hydrogen Fueling	Mixed Fuel			
Maximum Incentive Offering If Meeting Equity Criteria*	90 percent of Adjusted Project Costs Incurred*					
Maximum Project Cap If Meeting Equity Criteria**	\$1,000,000	\$3,920,000	\$1,960,000			
Lane Characteristics	EV	Hydrogen Fueling	Mixed Fuel			
Maximum Incentive Offering If Installing More Nozzles	90 percent of Adjusted Project Costs Incurred*					
Maximum Project Cap If Installing More Nozzles	\$1,000,000 if installing 10 or more nozzles	\$3,050,000 if installing 4 or more nozzles	\$1,650,000 if installing 10 or more nozzles (combined, not per fuel type)			

Equity criteria are specified in Drayage Set-Aside Application Kit

\*Adjusted Project Costs are total project costs adjusted for eligible project expenses and project caps. For example, total project costs minus any non-EnergIIZE reimbursable expenses.



# **Cost Eligibility**

#### **Eligible Costs:**

- EV Equipment
  - Electric vehicle supply equipment (EVSE), including Level 2, inductive charging systems, pantograph charging systems, and Direct Current Fast Chargers (DCFC). Eligible chargers may be found on the EnergIIZE Approved Product List.
  - V2G (Vehicle to Grid) Equipment
  - Transformers
  - Switchgear, meter mains, circuit breaker panels
  - Utility service upgrades and stub-outs

- Hydrogen Equipment:
  - Dispenser with hose and nozzles
  - Compressors
  - Liquid and gaseous hydrogen pumps
  - Hydrogen storage
  - More eligible equipment in Application Kit
- Software:
  - Networking
  - Fleet/demand management
  - Maintenance and Warranty may be listed but will not be added as eligible costs to the conditional award amount until final review.



# Charging/Fueling as a Service (C/FaaS)

#### Definition:

- EnergIIZE will accept Charging/Fueling as a Service applications during the Drayage Set-Aside lane.
- A general term which applies to developers who build, own, and maintain ZEV Infrastructure on behalf of a fleet.

- This business model varies, but it typically provides a turn-key solution for equipment, installation, software, site maintenance, and/or driver support for an agreed-upon recurring fee.
- Service may be onsite or offsite relative to the fleet's primary business address.
- ZEV infrastructure must support MDHD fleets.



# **Step 1: Drayage Set-Aside Funding Lane Application**

Drayage Set-Aside Funding Lane

## Drayage Set-Aside Funding Lanes Application Checklist



1

Online EnergIIZE Application for Drayage Set-Aside (Incentive Processing Center, IPC), Proof of Cost Share



Proof of Site Ownership, Site Verification Form, or acceptable alternate documentation such as Letter of Intent (see Drayage Set-Aside Application Kit)

Preliminary Site Plan



Acknowledge Sample EnergIIZE Terms and Conditions



Confirmation of Request for Service from the local utility, notice that project site is being assessed for energy load capacity, or that applicant is coordinating with utility.



# Drayage Set-Aside Application Checklist (Continued)





Proof of Meeting Equity Criteria (if applicable)



(For Hydrogen and Mixed Use applicants only) Completion of Critical Milestone 1: Proof of site control



(For CaaS Applicants only) Letter of agreement with associated fleet that infrastructure is to be used on the CaaS model and/or installed through a CaaS vendor



# **Step 1: Submit Application**

Incentive Processing Center (IPC)

#### What's on the IPC?

- Application Form Fields to indicate type of fleet
- □ Site Equipment Manifest
- All subsequent documents listed will be uploaded to the IPC

# What You Need to Complete It:

- ✓ Contact Phone and Email of Recipient, Primary Application Contact, and Job Site Contact
- ✓ Address of Infrastructure Project
- ✓ Make, Size (kg), and Anticipated Quantity of Eligible Equipment Nozzles to be Installed



#### **Create Incentive Processing Center User Account**

EnergIIZE	
💄 First Name	
💄 Last Name	
💌 Email	
Sign Up	
Already have an account?	



⊟੭ਹ↑↓		EnerglIZE Incentive Processing Cent	er - Message (Plain Text)	,∕⊂ Search	1					
File Message Hel	р									
Ignore     Image:	Reply Reply Forward All	Image: Share to Teams       Image: Share to Teams	g → To Manager ^ ✓ Done ✓ ∳ Create New ⊽	Move	Assign Mark Categorize Follow Policy ~ Unread ~ Up ~	<ul> <li>✓ Find</li> <li>✓ Related ~</li> <li>↓ Select ~</li> </ul>	Read Immersive Aloud Reader	Translate Zoon	Send to OneNote	Reply Meetin
Delete	Respond	Teams Qu	ick Steps ہے	Move	Tags	Editing	Immersive	Language Zoon	OneNote	FindT
? EnergIIZE App To • Tesi Bravo	i) We could not verify the identity of the sender. Click here to learn more.									
Start your reply all with:	hank you! Thank you so much! I	accept! (i) Feedback								
Hi Tesi,										
Welcome to EnergIIZE Incentive Processing Center! To get started with the IPC, go to <a href="https://calstart3demo.sandbox.my.site.com/apply/login?">https://calstart3demo.sandbox.my.site.com/apply/login?</a> <a href="https://calstart3demo.sandbox.my.site.com/apply/login?">c=ECkEP0WCFn3NWYv</a> lynAYGHf7I.ju2DsBd539ZvIOUJ7CMpMgM02Dy0.TG5wwaw2T32mkqAB83d LH NaCt2Sm7RRSVYUXhp59hCjS3tWaEbjqFmuj60KqV8daAtv7E86U6ZuAP xtLFQjEKE9VIT6il8KI1KKfhPyeqpR1HpeecKoRSbm8tk0Cr77yHuKGLAO7RXVQ5										
Username: tbravo@	calstart.org									
Thanks, EnergIIZE Team										
										_

#### **Incentive Processing Center Screenshot**

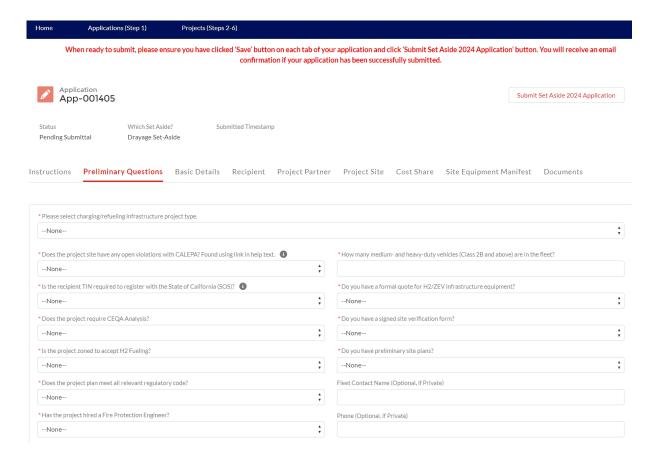


#### **Incentive Processing Center Screenshot**



#### Welcome to EnergIIZE Incentive Processing Center!

- 1. Login to the Incentive Processing Center using the "Login" button in the top-right corner.
- 2. If you do not have a user created in the system, select the "Create a User" link at the bottom-right of the Login page.
- 3. Click the "Submit EnergIIZE Application Materials" to start your EnergIIZE application.



Start Drayage Set Aside Application



#### Demonstrative purposes only

# **Step 1: Submit Application**

*Proof of Cost Share – Online Form and Supporting Documents* 

#### What Information Needs to be Provided?

- Disclosure of all public funding sources awarded.
- Demonstrated proof-of-cost coverage for any non-incentivized project costs.
- The sum of make-ready funding, selfcontributions, other external funding sources, and potential EnergIIZE incentive funds.

# What You Need to Complete It:

- $\checkmark$  Notices of proposed award.
- ✓ Notice of grant award.
- ✓ Other official documentation indicating an award of funding.
- Note: EnergIIZE funding may not be stacked with other active California Energy Commission funding programs. But you can stack with other programs!



# **Step 1.2 Site Verification Form**

Drayage Set-Aside Funding Lane

EnergIIZE Applicant. Please complete as follows:						
Organization Name:						
Installation Site Address:						
City:		State:	Zip Code:			
Applicant hereby represents and warrants to EnergIIZE Staff: (i) that all the foregoing information is true and correct; and (ii) that the undersigned has been duly authorized by Applicant to execute and submit this Site Verification Form. Applicant acknowledges and agrees that EnergIIZE staff is relying on Applicant's foregoing certifications in reviewing and approving of Applicant's application.						
Signature of Authorized Applicant or						
Representative of Applicant:						
Print Name:	Title:					
Date:						
PROPERTY OWNER. Please complete as f	ollows:					
Provide the name of the company, city, trust, organization or individual that owns the property where the project site will be located ("Owner').						
Property Owner Name:						
The undersigned, on behalf of ("Owner"), hereby represents and warrants to EnergIIZE (i) that Owner is the property Owner located at ("Property") where infrastructure will be installed; (ii) that Owner has consented to EnergIIZE Applicant's/participant's installation of certain EV charging station equipment and/or hydrogen fuel cell refueling equipment at the property; and (iii) that the undersigned has been duly authorized to execute and submit the Site Verification Form to EnergIIZE staff. Owner acknowledges and agrees that EnergIIZE staff is relying on Owner's foregoing certificat in reviewing and approving of Applicant's application.						
Signature of Property Owner or						
Representative of Property Owner:						
Print Name:	Title:					
Date:						
	Organization Name:         Installation Site Address:         City:         Applicant hereby represents and warrants to EnergIIZE State undersigned has been duly authorized by Applicant to exect that EnergIIZE staff is relying on Applicant's foregoing certif         Signature of Authorized Applicant or Representative of Applicant:         Print Name:         Date:         Provide the name of the company, city, trust, organization of ("Owner").         Property Owner Name:         The undersigned, on behalf of (i) that Owner is the property Owner located at installed; (ii) that Owner has consented to EnergIIZE Applic hydrogen fuel cell refueling equipment at the property; and Site Verification Form to EnergIIZE staff. Owner acknowledge in reviewing and approving of Applicant's application.         Signature of Property Owner or Representative of Property Owner or Representative of Property Owner.         Print Name:	Organization Name:       Installation Site Address:         Installation Site Address:       City:         Applicant hereby represents and warrants to EnergIIZE Staff: (i) that all the fundersigned has been duly authorized by Applicant to execute and submit that EnergIIZE staff is relying on Applicant's foregoing certifications in review         Signature of Authorized Applicant or Representative of Applicant:       Title:         Print Name:       Title:         Date:       Provide the name of the company, city, trust, organization or individual that of ("Owner").         Property Owner Name:       The undersigned, on behalf of (i) that Owner is the property Owner located at installed; (ii) that Owner has consented to EnergIIZE Applicant's/participant's hydrogen fuel cell refueling equipment at the property; and (iii) that the under Site Verification Form to EnergIIZE staff. Owner acknowledges and agrees the in reviewing and approving of Applicant's application.         Signature of Property Owner or Representative of Property Owner or Representative of Property Owner:       Title:	Organization Name:       Installation Site Address:         City:       State:         Applicant hereby represents and warrants to EnergIIZE Staff: (i) that all the foregoing information is undersigned has been duly authorized by Applicant to execute and submit this Site Verification For that EnergIIZE staff is relying on Applicant's foregoing certifications in reviewing and approving of A Signature of Authorized Applicant or Representative of Applicant:         Print Name:       Title:         Date:       Title:         Provide the name of the company, city, trust, organization or individual that owns the property whe ("Owner").         Property Owner Name:       ("Owner"), hereby reflication of certain hydrogen fuel cell refueling equipment at the property; and (iii) that the undersigned has been duly Site Verification Form to EnergIIZE staff. Owner acknowledges and agrees that EnergIIZE staff is region applicant's application.         Signature of Property Owner or Representative of Property Owner or Representativ			



# **EXAMPRE 1 CLES** Step 1.3 Preliminary Site Plans

Drayage Set-Aside Funding Lane

# **Step 1: Submit Application**

Preliminary Site Plan

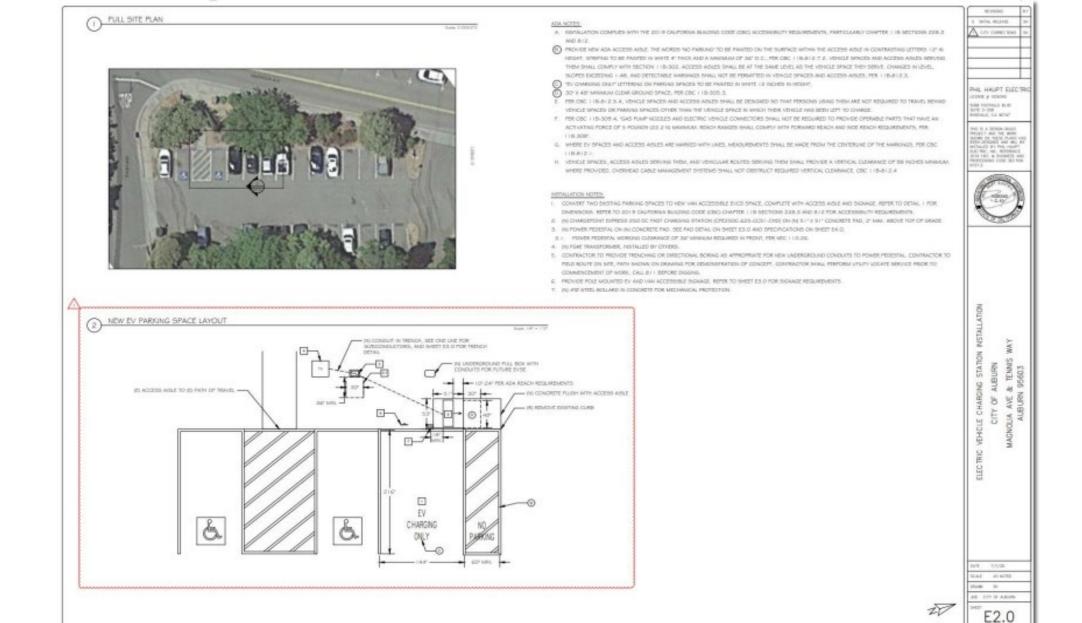
# What's Inside the Document?

- □ Address of Infrastructure Site.
- Diagram in Site Plan of Charging / Fueling Infrastructure.

What You Need to Complete It:

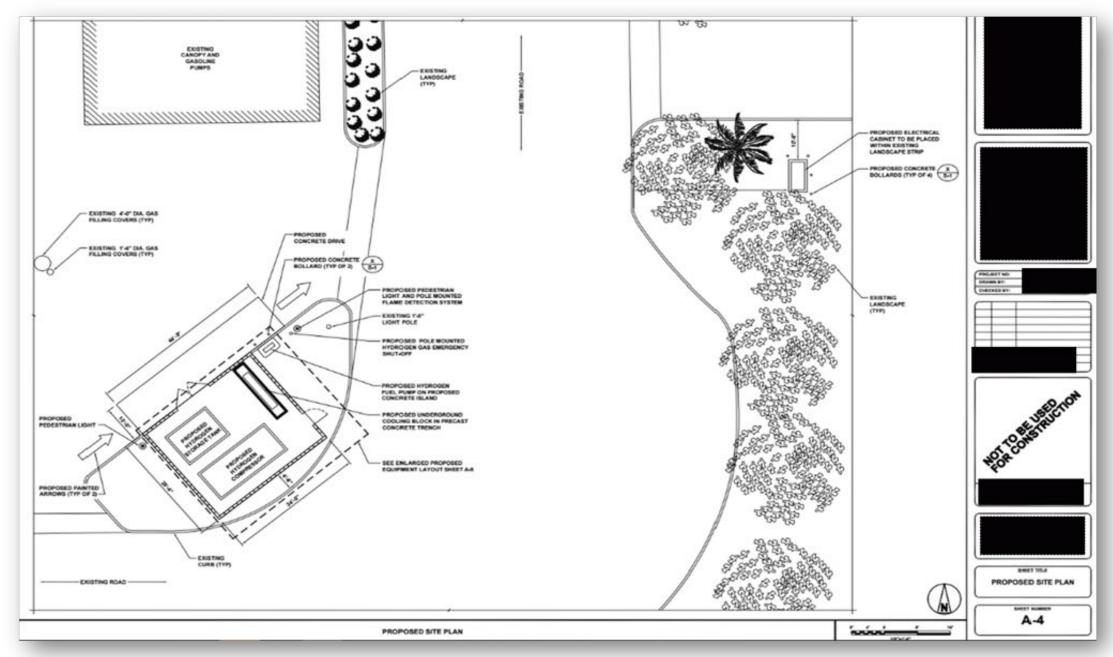
✓ Preliminary site plan





#### **Example Preliminary EV Site Plan**





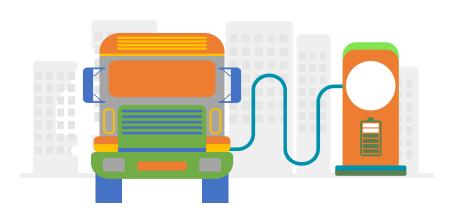


#### **Example Preliminary Hydrogen Site Plan**

# **Step 1.4 Acknowledge Sample EnergliZE Agreement (T&Cs)**

Drayage Set-Aside Funding Lane

## **Step 1: Submit Application** Acknowledge Sample Agreement – The Fine Print



#### **Time Commitments**

- Operate this equipment in California for a minimum of five (5) years from the date of commissioning.
- Keep written records of the equipment purchased for a minimum of three (3) years after final payment received.
- Complete the semi-annual usage survey and questionnaire for three
  (3) years after the commissioning of my project.
- Retain all project reimbursement records for a minimum of three (3) years after the final payment has been received or after the agreement term, whichever is later, unless otherwise specified.



### **Step 1: Submit Application** Acknowledge Sample Agreement – The Fine Print

Equipment/Insurance Terms

- Carry Worker's Compensation Insurance for all its employees who will be engaged in the performance of this Agreement and must provide satisfactory evidence
- If Applicant is self-insured for worker's compensation, it hereby warrants such self-insurance is permissible under the laws of the State of California and must provide satisfactory evidence
- Equipment will be utilized for the charging or fueling of Class 2b – Class 8 commercial vehicles, operated and maintained as recommended by the manufacturer



#### **Other Terms**

- All projects receiving funds through an EnergIIZE incentive comply with the payment of prevailing wages;
- Failure to comply with the terms of this agreement may result in withholding of future payments or repayment of incentive funds received to EnergIIZE
- Must be acknowledged by Applicant in Step 1
- EnergIIZE Agreement (including Terms and Conditions) will need to be acknowledged in Step 1 and signed in Step 2



# **Step 1.5 Confirmation of Request for Service**

Drayage Set-Aside Funding Lane

#### **Step 1: Submit Application**

Confirmation of Request for Service from the local utility, notice that project site is being assessed for energy load capacity, or that applicant is coordinating with utility.

# What's Inside the Document?

May include copy of Request for New Service.

- □ Steps to Request New Service.
- Guidelines and Restrictions.
- May include proof of participation in available utility programs for makeready (not required).
  - Customer Agreement Form signed by site operator.

# What You Need to Complete It:

- ✓ Copy of Request for New Service.
  - Contact your local utility company to confirm what is needed for new service.
  - ✓ Copy of email correspondence can satisfy this step.
  - ✓ Review local utility resources and guides.
  - ✓ Consult with a licensed electrician to determine whether your panel is appropriately rated for the increased load.



# **Supporting Documents**

Drayage Set-Aside Funding Lane

#### **Drayage Equity Criteria (If Applicable)**

- A small business as recognized by the California State Legislative Code, Section 14837(d) meaning annual revenue less than \$15 million per year. Able to provide documentation of the Applicant's Small Business (SB) certification by the California Department of General Services, Procurement Division (DGS-PD), Office of Small Business and Disabled Veteran Business Enterprise Services (OSDS). Certification must be current.
- A Certified Minority Business Enterprise as defined by California Public Contract Code, Article 12; Woman-Owned Small Business; or a Veteran-Owned Small Business; or a LGBT-Owned Small Business. Able to provide one of the following:
  - Documentation of Small Business (SB) or Disabled Veteran Business Enterprise
     (DVBE) certification by the California Department of General Services,
     Procurement Division (DGS-PD), Office of Small Business and Disabled Veteran
     Business Enterprise Services (OSDS). Certification must be current.
  - Documentation of certification as a Disadvantaged Business Enterprise (DBE) from CALTRANS, the US Department of Transportation, or another DBE Certifying Agency. Certification must be current.



#### Small Business Status

#### Minority Business Status



### Drayage Equity Criteria (If Applicable), Continued

- The site where the infrastructure for the intended HVIP voucher vehicle will be located is within a designated Disadvantaged Community (DAC) or Low-Income Community (LIC) and able to provide documentation of the following: Located In a DAC
  - Address of the infrastructure to be built using EnergIIZE funds that is located 0 within a DAC or LIC census tract.
  - A California Native American Tribe, California Tribal Organization, or Non-Governmental ٠ Organization serving Tribal entities and able to provide documentation of one of the following:

#### **Tribal Status**

Infrastructure

or LIC

- If the Applicant is a Federally Recognized Tribal Government listed under the list 0 of Indian Entities Recognized by and Eligible to Receive Services from the United States Bureau of Indian Affairs, no documentation is required.
- If the Applicant is not a Federally Recognized Tribal Government, the Applicant's 0 501(c)(3) Determination Letter from the Internal Revenue Service (IRS).



#### Hydrogen / Mixed-Use Applicants

Critical Milestone 1: The Applicant (for station address submitted with the application) must have control and possession of the site. This can come in the form of proof of an easement agreed to and signed by the property owner at which the hydrogen fueling station is to be constructed. Multiple types of easements may be accepted, please contact us with any questions.

The Applicant must provide to EnergIIZE staff proof of having met this Critical Milestone by submitting adequate documentation of site control and possession. Documentation of site control and possession may include, but is not limited to, an executed lease for the land on which the station will be constructed. EnergIIZE staff will determine whether the documentation submitted by the Applicant is sufficient to show that this Critical Milestone has been met. On a case-by-case basis, considerations can be made for accepting a letter of intent in lieu of a signed lease.



Appendix B, Critical Milestone 1: Proof of Site Control and Possessions

## Take our Eligibility Quiz to Find Out if You're Eligible!

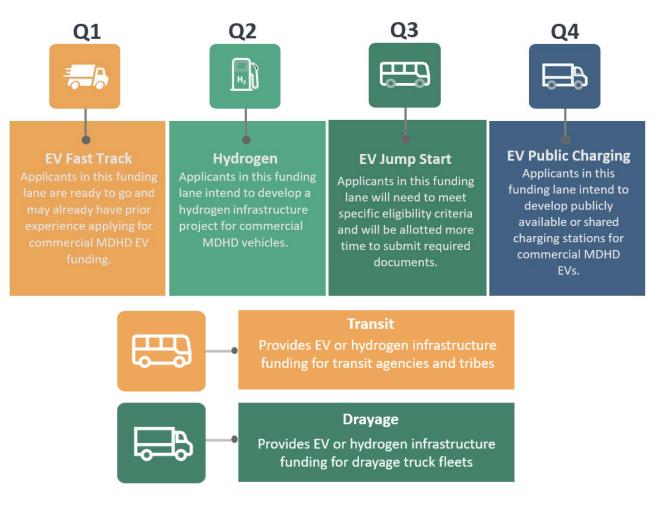


https://www.surveymonkey.com /r/Q9XK8FJ



# Is This Lane a Good Fit?

- Check out our other funding lanes!
- <u>https://www.energiize.org/</u>
- CALSTART also has a Funding Finder Tool to help.
- <u>https://fundingfindertool.org</u>

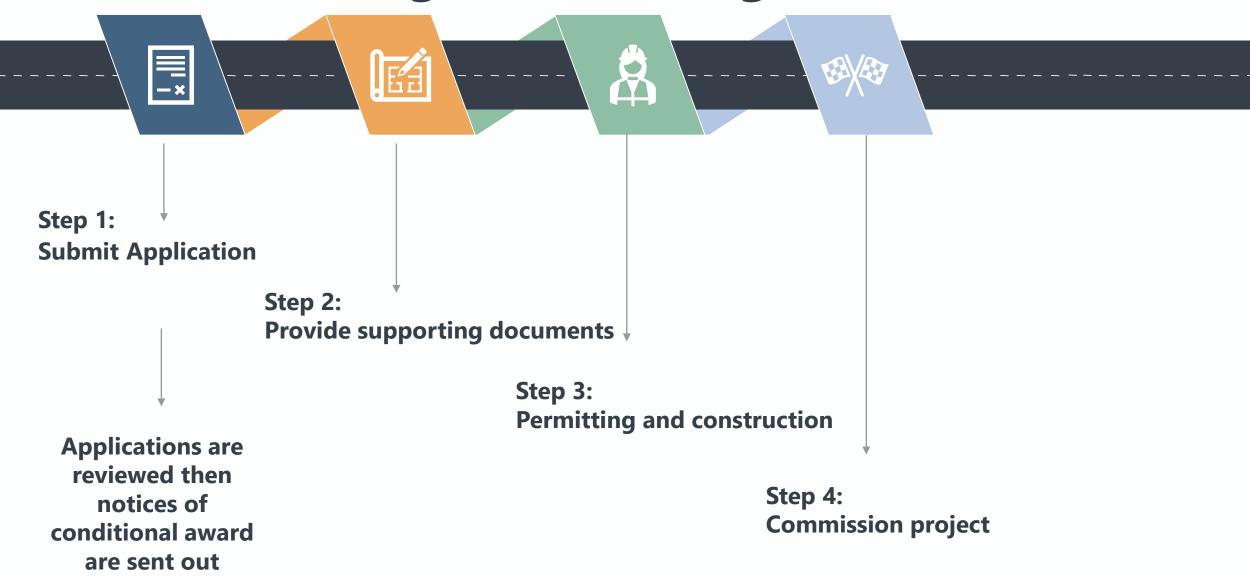




**COMMERCIAL VEHICLES** 

# What Comes After Step 1?





COMMERCIAL VEHICLES





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

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

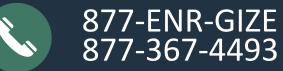




# What additional workshop topics would you like to see?



# **Contact Us**



infrastructure@CALSTART.org



 $\succ$ 

www.Energiize.org

