

### **GFO-24-601 Pre-Application Workshop**

Light-Duty Hydrogen Infrastructure Build-Out

Fuels and Transportation Division October 8, 2024 | 2:00 p.m.



## **Workshop Agenda**

- Welcome and Introductions
  - Diversity Survey
  - Empower Innovation
  - Clean Transportation Program
- Solicitation Overview
  - Process
  - o Purpose
  - Eligibility and Requirements
- Application Components
- Application Evaluation
- Application Submittal
- Questions & Answers
- Next Steps
- Adjourn



This Photo by Unknown author is licensed under CC BY-SA



### Housekeeping

- Workshop is recorded on Zoom
- <u>Grant Funding Opportunity Webpage</u>: <u>https://www.energy.ca.gov/solicitations/2024-09/gfo-24-601-light-duty-hydrogen-infrastructure-build-out</u>
- Virtual Participation via Zoom or telephone during the Q&A period
- Written Questions to Commission Agreement Officer: Laura Williams, email: Laura.Williams@energy.ca.gov
   Subject: GFO-24-601

Q&A Deadline: Monday, October 21, 2024 by 5:00 PM



## **Commitment to Diversity**

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 in understanding 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.

#### **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.

<u>Survey Link</u>: <a href="https://forms.office.com/Pages/ResponsePage.aspx?id=RBI6rPQT9k6NG7qicUgZTtQ-G7GrbGJFmZJPv38ckjJUOTI3MzFVTlJaSkhUWlhNUEtLRDg2RVhGWi4u">https://forms.office.com/Pages/ResponsePage.aspx?id=RBI6rPQT9k6NG7qicUgZTtQ-G7GrbGJFmZJPv38ckjJUOTI3MzFVTlJaSkhUWlhNUEtLRDg2RVhGWi4u</a>



#### Find Partners on EmpowerInnovation.net

Empower Innovation aims to accelerate your clean tech journey with easy access to funding opportunities from the Energy Commission and others, resources and events, and connections to people and organizations.

#### www.empowerinnovation.net

#### **FIND A PARTNER**

Announce your interest in funding opportunities and message potential project partners directly.

#### **RESOURCES & TOOLS**

Browse the collection of resources including Resource Libraries, Funding Sources, Tools, and Databases.



### **Clean Transportation Program**

- Established in 2007 by Assembly Bill 118 (2007)
- AB 126 re-authorized the Clean Transportation program through July 1, 2035
- Provides no less than 15 percent of the moneys appropriated by the Legislature each year to hydrogen fueling stations to support hydrogen vehicles until there is a sufficient network of stations until July 1, 2030
- Investment Plan determines funding allocations across various categories
- Supports workforce training and development





#### **Reference Documents**

- 2023-2024 Investment Plan Update for the Clean Transportation Program
- Energy Commission Agreement Management System (ECAMS)
- <u>Joint Agency Staff Report on Assembly Bill 8: 2023 Annual Assessment of the Hydrogen Refueling Network in California</u>
- 2023 Annual Evaluation of Fuel Cell Electric Vehicle Deployment and Hydrogen Fuel Station Network Development
- California Department of Food and Agriculture, Division of Measurement Standards. Zero-Emission Vehicle Projects
- <u>California Office of Environmental Health Hazard Assessment. CalEnviroScreen</u>
   4.0
- Executive Order N-79-20



#### **Solicitation Overview**

**GFO-24-601: Light-Duty Hydrogen Infrastructure Build-Out** 



#### **Solicitation Process**

Pre-Solicitation Workshop July 2024



Solicitation Release

**September 20, 2024** 



Applications
Due

January 15, 2025



Notice of Proposed Awards

March 2025



CEC Business Meeting

**June 2025** 



**Project Start** 

Q3 2025



#### **Purpose of Solicitation**

- Competitive grant solicitation
- Funding Lane 1: Develop light-duty hydrogen refueling stations in San Francisco County and Sacramento County
- Funding Lane 2: Support capital expenditures and/or O&M for planned or temporarily non-operational light-duty hydrogen refueling stations when open-retail progress has stalled due to cost constraints



#### **Available Funding**

- A total of \$15 million is available under this solicitation.
- \$10 million is available for Funding Lane 1.
- \$5 million is available for Funding Lane 2.



#### **Maximum Award**

- The maximum grant award per station under Funding Lane 1 is \$1.5 million for Cap-X and \$500,000 for O&M to support the station.
- The maximum grant award per station under Funding Lane 2 is \$500,000 for Cap-X, O&M, or both to support the station.
  - For stations that are planned or under development, which have received a previous CEC grant award, are an eligible temporarily non-operational (TNO) station, or are a Hydrogen Refueling Infrastructure (HRI) approved station



#### Maximum Award (continued...)

Eligible TNO stations are listed in the table below:

TNO Station Addresses		
3731 E. La Palma Ave., Anaheim, CA 92806		
10400 Aviation Blvd., Los Angeles, CA 90045		
5151 State University Dr., Los Angeles, CA 90032		
8095 Lincoln Ave., Riverside, CA 92504		
1850 E. Holt Blvd., Ontario, CA 91761		
1172 45th St., Emeryville, CA 94306		
3601 El Camino Real, Palo Alto, CA 94306		



#### **Maximum Number of Applications**

- Applicants are only eligible to submit one application under this solicitation.
- May propose one or more light-duty hydrogen refueling stations for one or both funding lanes.
- Heavy-duty hydrogen stations are eligible to be included as match.



#### **Agreement Execution Deadline**

- Funding agreements shall be executed by the funding Recipient within 60 days following approval at a CEC Business Meeting.
- If the deadline is missed, the CEC reserves the right to cancel a proposed award and recommend awarding funds to the next eligible Applicant.



# Critical Milestones – Stations Requesting Cap-X Funding

- Applicants must submit evidence of having completed Critical Milestones #1 and #2 for each proposed station address.
   (Attachment 19 and 20)
  - Critical Milestone 1 Pre-Application Meetings
  - Critical Milestone 2 Site Control and Possession
- Milestones must be completed for station for which addresses are being provided at the time of application.
- Proof of meeting these milestones must be submitted as part of the application.



#### **Eligible Applicants**

- Funding Lane 1 is open to all public and private entities.
- Funding Lane 2 is open only to existing hydrogen refueling station developers.
- Applicants shall employ key personnel for the proposed project with a minimum of 3 years experience designing, planning, constructing, testing, operating, or maintaining hydrogen refueling stations or other pressurized gaseous fueling stations. Applicants will be required to submit resumes (Attachment 6) to confirm this information.
- Applicants must accept the Terms and Conditions, without negotiation.
- Applicants are required to register with the California Secretary of State and be in good standing to enter into an agreement with the CEC.



### **Cap-X Project Requirements**

- Projects requesting Cap-X funding under Funding Lane 1 and Funding Lane 2 shall meet the following criteria:
  - Meet the Minimum Technical Requirements for Open Retail Hydrogen Refueling Stations listed in Section II.H.
  - The Station must maintain open retail status for a minimum of 5 years.
  - For Funding Lane 1, the location(s) of the proposed light-duty hydrogen refueling station(s) must be within San Francisco or Sacramento Counties.
  - If the application includes more than one location, at least 50% of the locations must be in a disadvantaged or low-income community. If the application includes only one location, the location must be in a disadvantaged or low-income community in accordance with CalEnviroScreen 4.0.



### **Cap-X Project Requirements (continued...)**

- Projects requesting Cap-X funding under Funding Lane 1 and Funding Lane 2 shall meet the following criteria:
  - Have a minimum of two Society of Automotive Engineers (SAE) International J2601 H70-T40 fueling positions. H35 fueling is optional.
  - Meet the minimum 24-hour fueling capacity of 225 kilograms per fueling position, counting only H70-T40 fills that achieve 95% state of charge. Applicants must submit the HySCapE Input File (Attachment 21) and HySCapE Results (Attachment 22) to confirm the 24-hour fueling capacity.
- If proposing to include heavy-duty refueling dispensers (with match only), stations shall serve fuel cell electric trucks or fuel cell electric buses via public or private access at separate fueling positions from light-duty FCEVs.



#### **O&M Project Requirements**

- Each proposed station must:
  - Not have received funding under GFO-23-604 IMPROVE for H2.
  - Include an O&M Plan that will detail O&M activities that will result in long lasting improvements to station reliability and the customer experience.
  - Commit to operating each eligible light-duty hydrogen refueling station for a minimum of 5 years.
  - Collect O&M data and submit a final report that describes lessons learned, as described in the Scope of Work. (Attachment 2)



#### **Reliability Requirement**

- Applicants shall commit to achieving 95% uptime at each eligible hydrogen refueling station included in their application.
- Uptime is defined as the total hours the station is available over the quarter divided by the total possible hours of operation over the quarter.
- For projects only requesting O&M funding, the 95% uptime commitment shall be in effect after project tasks to improve station reliability are completed. Applicants shall endeavor to meet this commitment after the project ends for as long as the station operates.



#### **Project Costs**

- Eligible CEC Reimbursable Project Costs for Cap-X projects:
  - Equipment only
    - Hydrogen refueling station equipment such as hydrogen storage tanks, compressors, chillers, cryogenic pumps, dispensers, hoses, nozzles, and point of sale (POS) systems.
    - Any standard or optional costs included by the equipment supplier in the purchase of equipment, such as shipping, installation, commissioning, or servicing.
- Eligible match project costs for Cap-X projects:
  - Electrical system upgrade costs not covered by the utility
  - Engineering, planning, and construction services
  - Engagement and outreach to stakeholders
  - Onsite hydrogen production equipment
  - Permits
  - Insurance
  - Warranties
  - Heavy-duty hydrogen dispensers



#### **Project Costs (continued...)**

- Eligible CEC Reimbursable Project Costs for O&M projects:
  - Maintenance of equipment that is reasonably necessary to keep the hydrogen refueling station and related equipment in efficient operating condition
  - Insurance on the hydrogen refueling station
  - Utility costs
  - Hydrogen production or procurement costs
  - Hydrogen fuel delivery costs
  - Rent or lease payments
  - Costs related to becoming Open Retail such as using the HyStEP device to enable a hydrogen refueling station to be commissioned
- Ineligible CEC Reimbursable Project Costs for O&M projects:
  - Property taxes
  - Interest
  - Penalties
  - Indirect costs of the Recipient
  - Non-cash expenses (such as amortization, depreciation, bad debt, etc.)



#### **Match Funding**

- Match funding requirements:
  - Minimum 50% match of total eligible project costs.
  - Can be cash or in-kind contributions.

#### **Examples of Match Funding**

Total Project Cost	Grant Award	Match Funding
\$10,000,000	\$5,000,000	\$5,000,000
\$40,000,000	\$20,000,000	\$20,000,000



### **Minimum Technical Requirements**

- In summary, stations must:
- 1. Conform to SAE International J2719 for hydrogen fuel quality.
- 2. Meet California Type Evaluation Program (CTEP) requirements and pass accuracy class tests.



- 3. Conform to SAE International J2601 fueling protocol at H70-T40 for compressed hydrogen storage system (CHSS) mass categories up to 10 kilograms. If the station is listed in Table 1, each light-duty fueling position of the open retail hydrogen refueling station shall conform to SAE International J2601 at H70-T40 for all light-duty vehicle tank mass categories up to 7 kilograms.
  - If proposing to serve vehicles with CHSS that exceed 10 kilograms, conform to J2601 if applicable, or other defined fueling protocol described to the CEC.



- 4. Conform to ANSI CSA HGV 4.9 (hydrogen refueling stations).
- 5. Conform to SAE International J2799 (station communications), verified through CSA HGV 4.3
- 6. Conform to SAE International J2600 (fueling connectors, nozzles, and receptacles) or ISO 17268.
- 7. Each fueling position be capable of providing a minimum of seven 4-kilogram H70-T40 fills in one hour at 95 percent state of charge. This is not applicable to stations listed in Table 1.



- 8. Have a point of sale system that can accept, read, and process the magnetic stripe on commercially available credit cards, debit cards, fueling cards, and gift cards. Each POS system shall also read EMV<sup>TM</sup> chips embedded in the cards and perform financial payment transactions.
  - Each POS system may also wirelessly transmit, receive, and process near-field communications (NFC) to process the signals from contactless cards or mobile devices, i.e., "smart phones," or accept payment through a mobile application.
- 9. Have a fuel supply and delivery agreement and backup agreement.
- 10. Have an energized utility connection.
- 11. Lighting for safety, convenience, and accessibility.



- 12. Have sign or logo acknowledging public funding, and trailblazer and freeway signage as permitted.
- 13. Report availability to the Hydrogen Fuel Cell Partnership Station Operational Status System (SOSS).
- 14. Have all permits to build and operate.
- 15. Have a guard or cover over the emergency shutdown switch.



- 16. Be accessible to the public.
  - No obstructions or obstacles exist to preclude vehicle operators from entering the station premises.
  - The user of the station is not required to obtain or to use access cards or personal identification (PIN) codes for the station to dispense fuel.
  - No formal or registered station training is required for individuals to use the hydrogen refueling station.
  - For mixed-use hydrogen refueling infrastructure, the part of the station serving HD or FCEV fleets may be restricted access so long as part of the station remains publicly accessible. LD drivers must not be burdened by HD infrastructure.



### **Open Retail Station Checklist**

- Each Recipient shall:
  - Submit a completed, signed, and dated Open Retail
     Station Checklist (Attachment 15) for each station as it becomes open retail.
  - Collect and submit data to the CEC as specified in the Scope of Work (Attachment 2). Data collection and reporting includes using the NREL Data Collection Tool (Attachment 14). The reporting period begins when the first station in the project becomes open retail, and ends one year after the final station in the project becomes open retail.



#### **Invoices and Photographic Evidence**

- Recipients will be required to provide corresponding photographs of system components and equipment (under assembly or as a completed system) with each invoice to support the payment of the invoice.
- Recipients will also be required to provide the serial numbers of system components or equipment with the photographs.



## **Hydrogen Safety Plan – Cap-X Funding Only**

- Grant Recipients will be required to develop a Hydrogen Safety Plan for each proposed hydrogen refueling station design for the Hydrogen Safety Panel to review.
- The Hydrogen Safety Plan shall include a detailed description about how the Recipient will:
  - 1. Adhere to the most public guidelines throughout the life of all the stations.
  - 2. Conform to the NFPA 2, Hydrogen Technologies Code.
  - 3. Provide ongoing safety training for station personnel.



# Hydrogen Refueling Station Design Reviews and Inspections — Cap-X Funding Only

- The Recipient shall participate in a hydrogen refueling station design review for each station in the project with the PNNL HSP. The design reviews shall occur before the Recipient submits the design plans to the AHJ for plan check or at a time agreed to by the HSP.
- The Recipient shall participate in an in-person review of a representative set of stations reflecting the common design.



#### **Reporting Safety Incidents**

• The stations proposed by the Applicant shall conform to the California Health and Safety Code Section 22510(a). Recipients of the funding under this solicitation shall submit report(s) of any unintended hydrogen releases to the Certified Unified Program Agency (CUPA).



#### Renewable Hydrogen Requirements

- The hydrogen refueling station(s) funded under this solicitation shall dispense renewable hydrogen to comply with the requirements specified in the CARB LCFS regulation.
- Recipients shall report quarterly on hydrogen dispensed using the Report of Hydrogen Dispensed (Attachment 17).



## **Application Components**

**GFO-24-601: Light-Duty Hydrogen Infrastructure Build-Out** 



## **Application Organization**

Item	Action Needed by Applicant
Project Narrative (Attachment 1)	Create document
Scope of Work (Attachment 2)	Complete the attachment
Schedule of Products and Due Dates (Attachment 4)	Complete the attachment
Budget Forms (Attachment 5)	Complete the attachment
Resumes (Attachment 6)	Create document(s)
Contact List (Attachment 7)	Complete the attachment
Letters of Commitment (Attachment 8)	Create document(s)
Letters of Support, optional (Attachment 9)	Create document(s)



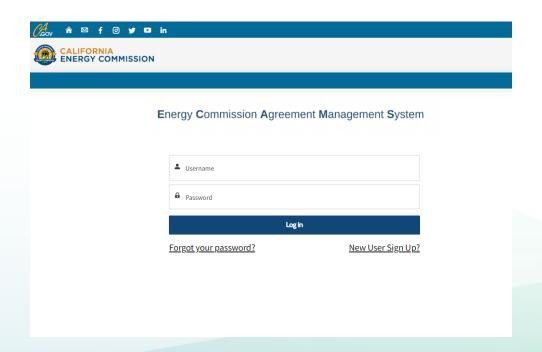
## **Application Organization (continued...)**

Item	Action Needed by Applicant
CEQA Worksheet (Attachment 10)	Complete the attachment
Localized Health Impacts Information Form (Attachment 11)	Complete the attachment
Past Performance Reference Form(s) (Attachment 12)	Create document(s)
Applicant Declaration (Attachment 13)	Complete the attachment
Station Photographs and Diagrams – Stations Requesting Cap-X Funding Only (Attachment 16)	Create document(s)
Proof of Completing Critical Milestone #1 – Stations Requesting Cap-X Funding Only (Attachment 19)	Create document(s)
Proof of Completing Critical Milestone #2 – Stations Requesting Cap-X Funding Only (Attachment 20)	Create document(s)
HySCapE Input File (Attachment 21)	Complete the attachment
HySCapE Results (Graphs and Output File) – Stations Requesting Cap-X Funding Only (Attachment 22)	Create document(s)



### **General Application Information**

- Sign up at: https://ecams.energy.ca.gov/s/login/
- With the new ECAMS application process, Applicants will input application information directly into the web platform.





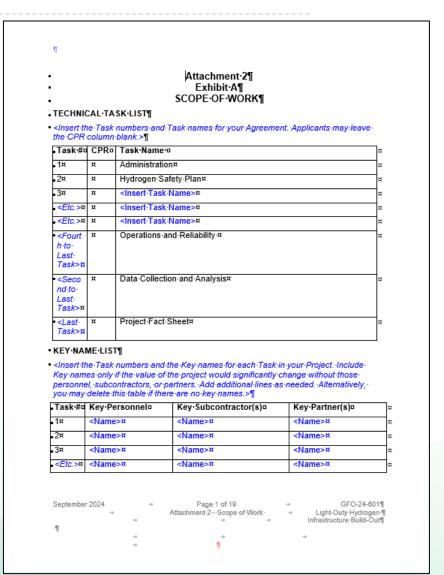
### **Project Narrative (Attachment 1)**

- Applicants must submit a project narrative
- Limited to 30 pages
- The Project Narrative must include a Table of Contents.
- Table of Contents will not count towards the 30-page limit.
- Use 11-point font, single-spaced and a blank line between paragraphs
- Include page numbers
- Project Narrative must address each scoring criterion described in the Evaluation Criteria (pp. 55)



## **Scope of Work (Attachment 2)**

- Applicants must complete Attachment 2.
- Instructions for completing the Scope of Work are included in Attachment 3.
- Describe exactly what the project will do.
- Identify what will be delivered to the CEC.





## Schedule of Products and Due Dates (Attachment 4)

- Applicants must complete Attachment 3.
- All proposed stations must achieve open retail status by March 31, 2027
- Add tasks and product deliverables that correspond to the Scope of Work.
- Provide realistic dates on when product deliverables can be completed.

#### Attachment 04 Exhibit A-1

Schedule of Products and Due Dates			Dates
art	Tark	Product(r)	Dec Bete
<del>// 2</del>	Attend	Kick-off Meeting	
		Updated Schedule of Products	(Insert Date)
		Updated List of Match Funds	(Insert Date)
		Updated List of Permits	(Insert Date)
		Written Statement of Match Share Activities	(Insert Date)
		Kick-Off Meeting Agenda (CEC)	<insert date=""></insert>
1.2	Critical	Project Review Meetings	
	1st CPR	CPR Report	(Insert Date)
	Meetin	CPR Meeting Agenda (CEC)	(Insert Date)
		Schedule for written determination (CEC)	(Insert Date)
	9	Written determination (CEC)	(Insert Date)
	as many Rs as	(Utilize same products as 1st CPR Meeting)	(Insert Date)
req	uired>	(Utilize same products as 1st CPR Meeting)	(Insert Date)
1.3	Final M	eeting	
		Written documentation of meeting agreements	<insert date=""></insert>
		Schedule for completing closeout activities	(Insert Date)
1.4	Monthly	•	
		Email to CAM concurring with call summary	Within 5 days of
1.5	Quarter	ly Progress Reports	
		Quarterly Progress Reports	10th calendar day of each January, April, July, and October during the approved term of this Agreement
1.6	Final Re		term or this requestion
		Outline of the Final Report	(Insert Date)
		Draft Final Report	(Insert Date)
		Final Report (no less than 60 days before the	
		end term of the agreement)	(Insert Date)
1.7	Identify	and Obtain Match Funds	
		A letter regarding match funds or stating that	
		no match funds are provided	(Insert Date)
		Copy(ies) of each match fund commitment	
		letter(s) (if applicable)	(Insert Date)
			Within 10 days of identifying new match
		Letter(s) for new match funds (if applicable)	funds
		Letter that match funds were reduced (if applicable)	Within 10 days of identifying reduced

GFO-24-601 Light-Duty Hydrogon Infrartructuro Build-Out

Soptombor 2024



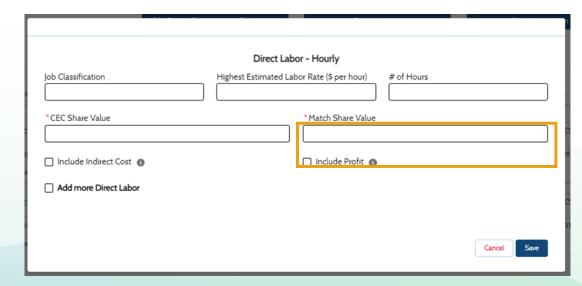
### **Budget Forms (ECAMS Entry)**

#### OPTION 1

- Applicants enter budget information directly into ECAMS for Prime Applicant ONLY and upload Excel Attachment 4 for both Prime and Major Subrecipient(s)
- Identify how CEC funds and match funds will be spent to complete the project
- For more information on the CEC budget forms, visit the <u>CEC ECAMS</u> <u>Resources</u> webpage at: <u>https://www.energy.ca.gov/funding-</u>

at: <a href="https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources">https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources</a>







### **Budget Forms (Attachment 5)**

#### OPTION 2

- Upload all budgets (Prime and Major Subrecipients) as MS Excel attachments
- Follow Budget Instructions
- Identify how CEC funds and match funds will be spent to complete the project
- For more information on the CEC budget forms, visit the <u>CEC ECAMS Resources</u> webpage at: <u>https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources</u>

2	PRO	POSAL BUDGE	I		
	Category Budget				
3	Agreement Number			GFO-21-603	
5	Name of Organization			Organization Name	
6	Select	Recipient or Subrecipie	en	t	
7	Select your compa	ny's California Busines:	s C	Certifications	
	Cost Category	CEC Share		Match Share	Total
9	Direct Labor	\$ -		\$ -	\$
10	Fringe Benefits	\$ -		\$ -	\$
11	Total Labor	• -		• -	*
12	Travel	\$ -		\$ -	\$
13	Equipment	\$ -		\$ -	\$
14	Materials/Miscellaneous	\$ -		\$ -	\$
15	Subrecipients/Vendors	\$ -		\$ -	\$
16	Total Other Direct Costs	• -		• -	•
17	Indirect Costs	\$ -		\$ -	\$
18	Profit (not allowed for grant recipients)	\$ -		\$ -	\$
19	Total Indirect and Profit	• -		• -	•
20	Grand Totals	-		-	*
21	Total LEL Heimbursable Funds Spent in California or Paid to California-Based Entities (if section that				
22	Percentage of CEC Reimbursable Funds Spent in California or Paid to California- Based Entities				



#### **Resumes (Attachment 6)**

- Applicants must include resumes for key personnel identified in the application.
- Resumes are limited to a maximum of 2 pages each.

#### FIRST LASTNAME

Construction Worker Seattle, WA firstlast@email.com 555-555-5555

Effective at using forkilit's, hand trucks and pallet jacks to move merchandise. Skilled at inspecting stock, tagging product and updating computer tracking systems. Well-versed in warehouse operations, inventory audits and loading and unloading procedures.

Eligible to work for any employer in the U.S.

#### **WORK EXPERIENCE**

#### Construction Worke

NewCompany January 2018 to Preser

Unpacked and assembled all new merchandise using variety of power tools and lean manufacturing. Heavy Lifting, Measuring, Organize Building Materials. Read and Interpret Drawings. Safety. Supported technicians in equipment maintenance and repair. Organized Warehouse Operations.

#### Crew Lead

CompanyCo, Inc July 2017 to December 2017

Trained employees so that they were well-educated in time management and the proper ways to complete their job duties. Utilized all machinery and equipment while observing various safety precautions and practices. Ensured that job tasks were completed to standards and in accordance with company guidelines. Maintained the job site on a daily basis and checked to see that all trash and refuse was removed. Completed daily forklift safety checklists. Located proper slots on storage racks and set pallets in place with forklift and pallet jack.

#### **EDUCATION**

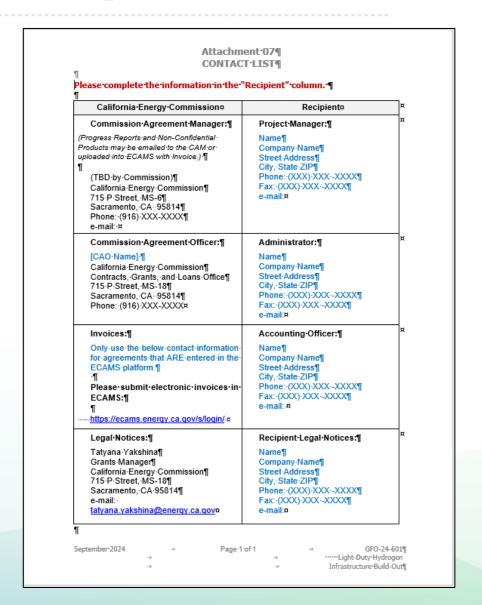
#### High school or equivalent

Ged Program - NewCity, NC April 2015 to February 2016



### **Contact List (Attachment 7)**

- Applicants must complete Attachment 7.
- Include the appropriate points of contact under the Recipient column.
- The CEC will complete the CEC points of contact during agreement development.





## Letters of Support/Commitment (Attachments 8 and 9)

- Applicants must include certain Commitment Letters.
  - From station site owners.
  - From station site operators.
  - From entities or individuals that are committing match funding.
  - From key project partners that will make contributions to the project.





## **CEQA Worksheet (Attachment 10)**

- Applicants must submit a completed Attachment 10.
- The CEC requires this information to assist with our CEQA determinations.
- Applicants are encourage to provide documentation of communication with the local lead agency (e.g. emails)





## Local Health Impacts Information Form (Attachment 11)

- Applicants must complete Attachment 11.
- The CEC requires this information for a Localized Health Impacts report.

t H H

#### Attachment 119

#### Local·Health·Impacts·Information¶

- Air Quality Guidelines (California Code of Regulations, Title 13, 'Chapter 8.1, 'Section 2343(c)(6)(A)) require the California Energy Commission to analyze the aggregate locations of the funded projects, 'analyze the impacts in communities with the most significant exposure to air contaminants or localized air contaminants, 'or both, including, 'but not limited to, 'communities' of minority populations or low-income populations, 'and identify agency outreach to community groups and other affected stakeholders. ¶
- This information must be provided for all Clean Transportation Program and related funding categories, including fueling stations, fuel production, feedstock production or procurement, and vehicle or technology component production.

#### INSTRUCTIONS¶

- Please complete the following information: for all sites where work for the proposed project that will require a permit will be done. Attach additional pages if necessary. If the project includes multiple sites, you may submit this information in a table format using the bolded font below as column headers.
- . PROJECT·NAME¶
- ٠1
- .APPLICANT'S:NAME:AND:ORGANIZATION¶
- ٠1

#### PROJECT·SITE(S)·DESCRIPTION¶

- Provide the precise street address (es) of the site(s) and a description of existing infrastructure or facilities (if any), surrounding structures, reference to any regional plans or zoning requirements for each location, and its proximity to residences, day carefacilities. Heder care facilities. medical facilities and schools.
- '(E.g., 'Site-1: 123 'Main 'Street, Grand'Terrace, 'CA, '92313, 'Vacant-lot-in-a-commercially-zoned' area. 'Commercial-buildings' surround 'the-lot. 'No residences,' daycare-facilities,' elder-care-facilities, 'medical-facilities or 'schools-within-'4-mile; 'Site-2: '321 'Beach 'Street, San 'Francisco, 'CA, 'Existing 'gasoline/diesel-fueling 'station.' Residential 'area-within-200' on 'South-and-East-ends' of project-site.)

#### DEMOGRAPHIC DATA¶

 $Provide `demographic `data `at `the `city `or `Zip `code `level' for `either `the `project `location `or `the `location `of `the `potential `health `impacts, `including `. \P$ 

- o → Total population¶
- o → Median education level¶
- o → Unemployment rate¶
- o → Percentage of minorities (by ethnicity)¶



## Past Performance Reference Form (Attachment 12)

- Applicants must complete Attachment 12 to provide references for:
  - Agreements with the CEC received by the Applicant in the last 10 years.
  - The five most recent agreements with other public agencies received by the Applicant within the past 10 years.
- References must include a contact person name and phone number or email address. These persons may be contacted by CEC staff.
- Applicants should fill out a <u>separate</u> Past Performance Reference Form for each agreement reference.

#### Attachment 129 GFO-24-601¶ PAST-PERFORMANCE-REFERENCE-FORM¶ Provide references for California Energy Commission (CEC) agreements (e.g., contracts, grants, or loans) received by the Applicant in the last 10 years, including ongoing agreements, and the 5 most recent agreements with other public agencies within the last 10 years to verify Applicant's past performance. Each reference must include a contact person name and phone number (or email address). If contacted by CEC staff, references:should-be-able-to-speak-to-Applicant's-ability-to-successfully-completeprojects in a timely manner. 9 In response to Section III. D. 2. a., Team Experience and Qualifications, if the team's experience and qualifications includes a specific project (s) under current or prior agreements with public funding (e.g., contract, grant, or loan), the Applicant must also submit a Past Performance Reference Form(s) for the project(s), even if the team member is not the primary Applicant. ¶ Applicants:should:fill:out:a:separate:Past:Performance:Reference:Form:for:each: Name of Organization # Address¤ Contact Name Contact Title # Contact Phone Number (or Email) # Title of Project # Agreement Number or ¶ Other Unique Identifier # (For projects that did not complete (or timely complete) project objectives).Describe the challenges faced, what led to those challenges and indicate whether those challenges were within the Applicant's control. x Describe any severe audit findings and how they were ultimately addressed and resolved. # Light-Duty-Hydrogen-¶ Infrastructure Build-Out¶



## **Applicant Declaration (Attachment 13)**

- Applicants must complete Attachment 13.
- This form requests that Applicants declare that they are not delinquent on taxes nor suspended by the California Franchise Tax Board, are not being sued by any public agency or entity, are in compliance with the terms of all settlement agreements, if any, entered into the CEC on another public agency or entity, are in compliance with all judgments, if any, issued against the Applicant in any matter to which the CEC or another public agency or entity is a party, are complying with any demand letter made on the Applicant by the CEC or another public agency or entity, and are not in active litigation with the CEC regarding the Applicant's actions under a current or past contract, grant, or loan with the CEC.
- The declaration must be signed under penalty of perjury by an authorized representative of the applicant's organization.

the laws of the State-of-California that the foregoing is true-and correct.  (Oate)	As of the date-of the application deadline for Energy Commission-solicitation+ GFO-24-601, the entity submitting this application (Applicant).    • Is not delinquent-on-any federal, state, or local-tax payments; and    • Has not had its California-business registration-status suspended by the California Franchise. Tax Board within the last 7-years; and    • Has not filed for bankruptcy in the last 10 years; and    • Has not currently planning to file for bankruptcy; and    • Is not currently planning to file for bankruptcy; and    • Is registered to do-business in-California, which typically means with the California Secretary of State, and such registration is in good standing; and    • Is not currently being sued by any entity (public or private) or individual, and is not aware of any information that reasonably indicates it may be sued by any entity or individual during the proposed agreement term, that in either case might reasonably be expected to materially impact the applicant's ability to perform the proposed project, and    • Is jo.compliance.with the terms of all-settlement agreements, if any, entered into with the Energy-Commission or another government agency or entity; and    • Is jo.compliance.with all judgments, if any, issued-against the Applicant in any lawsuit or other matter to which the Energy-Commission-or-another government agency is a party; and    • Is complying with any demand letter made on the Applicant by the Energy-Commission or another government agency is a party; and    • Is not in active litigation with the Energy-Commission regarding the Applicant's actions under a current or past contract, grant, or loan with the Energy-Commission    (Date)      Oate)      Oate)      Oate)      Oate)      Oate)						
As of the date of the application deadline for Energy Commission solicitation + GPO-24-601, the entity submitting this application (Applicant). ¶  • Is not delinquent on any federal, state, or local tax payments; and ¶  • Has not had its California business registration status suspended by the California Franchise: Tax Board within the last 7-years; and ¶  • Has not filed for bankruptcy in the last 10 years; and ¶  • Has not filed for bankruptcy in the last 10 years; and ¶  • Is not currently planning to file for bankruptcy; and ¶  • Is not currently planning to file for bankruptcy; and ¶  • Is not currently being sued by any entity (public or private) or individual, and is not aware of any information that reasonably indicates it may be sued by any entity or individual during the proposed agreement term, that in either case might reasonably be expected to materially impact the applicant's ability to perform the proposed project; and ¬¶  • Is not compliance with the terms of all settlement agreements, if any, entered into with the Energy Commission or another government agency or entity; and ¶  • Is in compliance with all judgments, if any, issued against the Applicant in any lawsuit or other matter to which the Energy Commission or another government agency is a party; and ¶  • Is not in active itigation with the Energy Commission regarding the Applicant's actions under a current or past contract, grant, or loan with the Energy Commission. ¶  (Date)¶  (Oate)¶  (Printed Name)¤	As of the date of the application deadline for Energy Commission solicitation + GPO-24-601, the entity submitting this application (Applicant). ¶  • Is not delinquent on any federal, state, or local-tax payments; and ¶  • Has not had its California business registration status suspended by the California Franchise Tax Board within the last-7-years; and ¶  • Has not filed for bankruptcy in the last-10 years; and ¶  • Is not currently planning to file for bankruptcy; and ¶  • Is not currently planning to file for bankruptcy; and ¶  • Is not currently being sued by any entity (public or private) or individual, and is not aware of any information that reasonably indicates it may be sued by any entity or individual during the proposed agreement term, that in either case might reasonably be expected to materially impact the applicant's ability to perform the proposed project; and ¶  • Is not compliance with the terms of all settlement agreements, if any, entered into with the Energy Commission or another government agency or entity; and ¶  • Is in compliance with all judgments, if any, issued against the Applicant in any lawsuit or other matter to which the Energy Commission or another government agency is a party; and ¶  • Is not in active litigation with the Energy Commission regarding the Applicant's actions under a current or past contract, grant, or loan-with the Energy Commission. ¶  (Date) ¶  (Control of the State of California that the foregoing is true and correct. ¶  (Cotale) ¶						
GFO-24-601, the entity submitting this application (Applicant).   ■ Has not had its California business registration status suspended by the California Franchise-Tax Board within the last 7-years; and   ■ Has not filed for bankruptcy in the last 10-years; and   ■ Has not filed for bankruptcy in the last 10-years; and   ■ Has not currently planning to file for bankruptcy; and   ■ Is registered to do business in California, which typically means with the California Secretary of State, and such registration is in good standing; and   ■ Is not currently being sued by any entity (public or private) or individual, and is not aware of any information that reasonably indicates it may be sued by any entity or individual during the proposed agreement term, that in either case might reasonably be expected to materially impact the applicant's ability to perform the proposed project; and □  ■ Is incompliance with all judgments, if any, issued against the Applicant in any lawsuit or other matter to which the Energy Commission or another government agency or entity; and □  ■ Is complying with any demand letter made on the Applicant by the Energy Commission or another government agency. and □  ■ Is complying with any demand letter made on the Applicant by the Energy Commission or another government agency. and □  ■ Is not in active litigation with the Energy Commission regarding the Applicant's actions under a current or past contract, grant, or loan with the Energy Commission. □  For the Applicant, and having authority to do so, I-declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct. □    The Commission of the State of California that the foregoing is true and correct. □    The Commission of the State of California that the foregoing is true and correct. □    The Commission of the State of California that the foregoing is true and correct. □	GFO-24-601, the entity submitting this application (Applicant): ¶    Image: Application of the entity of the entit						
→ Has not had its California business registration status suspended by the California Franchise Tax Board within the last 10 years; and ¶      → Has not filed for bankruptcy in the last 10 years; and ¶      → Is not currently planning to file for bankruptcy; and ¶      → Is registered to do business in California, which typically means with the California Secretary of State, and such registration is in good standing; and ¶      → Is not currently being sued by any entity (public or private) or individual, and is not aware of any information that reasonably indicates it may be sued by any entity or individual there is entitly or individual there is entitly or individual there is entitly or individual the inter case might reasonably be expected to materially impact the applicant's ability to perform the proposed project, and ¶      → Is incompliance, with the terms of all settlement agreements, if any, entered into with the Energy Commission or another government agency or entity; and ¶      → Is incompliance, with all judgments, if any, issued against the Applicant in any lawsuit or other matter to which the Energy Commission or another government agency is a party; and ¶      → Is soomlying with any demand letter made on the Applicant by the Energy Commission or another government agency; and ¶      → Is not in active litigation with the Energy-Commission regarding the Applicant's actions under a current or past contract, grant, or loan with the Energy-Commission. ¶    The other Applicant, and having authority to do so, I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct ¶    California and the state of California that the foregoing is true and correct ¶    California and the state of California that the foregoing is true and correct ¶    California and the state of California that the foregoing is true and correct ¶	→ Is not delinquent on any federal, state, or local tax payments; and       → Has not had its California business registration status suspended by the California Franchise-Tax Board-within the last-17 years; and       → Has not filed for bankruptcy in the last-10 years; and       → Is not currently planning to file for bankruptcy; and       → Is registered to do business in California, which typically means with the California Secretary of State, and such registration is in good standing; and       → Is not currently being sued by any entity (public or private) or individual, and is not aware of any information that reasonably indicates it may be sued by any entity or individual fung the proposed agreement term, that in either case might reasonably be expected to materially impact the applicant's ability to perform the proposed project, and       → Is jo.compliance, with the terms of all-settlement agreements, if any, entered into with the Energy Commission or another government agency or entity; and       → Is jo.compliance, with all-judgments, if any, issued against the Applicant in any lawsuit or other matter to which the Energy Commission or another government agency is a party; and       → Is not in active litigation with the Energy Commission regarding the Applicant's actions under a current or past contract, grant, or loan with the Energy Commission.	GFO-24-601, the				licitation←	
California-Franchise-Tax-Board-within-the-last-Tyears; and ¶  → Has-not filed for bankruptcy in the-last-10 years; and ¶  → Is not currently planning-to-file-for-bankruptcy; and ¶  → Is registered to-do business in California, which-typically-means with the-California-Secretary of-State, and such-registration is in good-standing; and ¶  → Is not currently being-sued by any-entity (public or-private) or-individual, and is-not-aware-of-any-information that reasonably-indicates it-may-be-sued by-any-entity or-individual-druing the-proposed agreement term, that in-either-case might-reasonably-be-expected to-materially-impact the-applicant's-ability-to-perform-the-proposed project; and ¬¶  → Is-in-compoliance-with-the-tenses of-all-settlement-agreements, if-any,-entered into-with-the-Energy-Commission-or-another-government-agency-or-entity; and ¶  → Is-in-compoliance-with-all-judgments, if-any,-issued-against-the-Applicant-in-any-lawsuit-or-other-matter-to-which-the-Energy-Commission-or-another-government-agency-is-a-party; and ¶  → Is-not-in-active-litigation-with-the-Energy-Commission-regarding-the-Applicant's-actions-under-a-current-or-past-contract, grant,-or-loan-with-the-Energy-Commission-¶  For-the-Applicant, and-having-authority-to-do-so,-1-declare-under-penalty-of-perjuny-under-the-laws-of-the-State-of-California-that-the-foregoing-is-true-and-correct.¶    Signature/¶	California-Franchise-Tax-Board-within-the-last-7-years; and ¶  → Has-not filed for bankruptcy-in-the-last-10-years; and ¶  → Is registered to-do-business-in-California, which-typically-means with the California-Secretary-of-State, and such-registration-is-in-good-standing; and ¶  → Is registered to-do-business-in-California, which-typically-means with the California-Secretary-of-State, and such-registration-is-in-good-standing; and ¶  → Is-not-currently-being-sued-by-any-entity-(public-or-private)-or-individual, and is-not-aware-of-any-information-that-reasonably-indicates-it-may-be-sued-by-any-entity-or-individual-druing-the-proposed-agreement-term, that-in-either-case-might-reasonably-be-expected to-materially-impact-the-applicant's-ability-to-perform-the-proposed-project; and ¬¶  → Is-in-compliance-with-the-terms-of-all-settlement-agreements, if-any-entered-into-with-the-Energy-Commission-or-another-government-agency-or-entity, and ¶  → Is-in-complying-with-all-judgments, if-any, issued-against-the-Applicant-in-any-laws-uit-or-other-matter-to-which-the-Energy-Commission-or-another-government-agency-is-a-party; and ¶  → Is-not-in-active-litigation-with-the-Energy-Commission-regarding-the-Applicant's-actions-under-a-current-or-past-contract, grant,-or-loan-with-the-Energy-Commission-¶  For-the-Applicant, and-having-authority-to-do-so,-1-declare-under-penalty-of-perjury-under-the-laws-of-the-State-of-California-that-the-foregoing-is-true-and-correct.¶    Signature-		quent-on-any-fed	deral, state, or loc	al-tax-payments;	·and¶	
• → Is not currently planning to file for bankruptcy; and ¶ • → Is registered to do-business in California, which typically means with the California Secretary of State, and such registration is in good standing; and ¶ • → Is not currently being sued by any entity (public or private) or individual, and is not aware of any information that reasonably indicates it may be sued by any entity or individual during the proposed agreement term, that in either case might reasonably be expected to materially impact the applicant's ability do perform the proposed project; and ¶ • → [s io.compliance.with all judgments, if any, issued against the Applicant in any lawsuit or other matter to which the Energy Commission or another government agency or entity; and ¶ • → [s io.compliance.with all judgments, if any, issued against the Applicant in any lawsuit or other matter to which the Energy Commission or another government agency is a party; and ¶ • → Is complying with any demand letter made on the Applicant by the Energy Commission or another government agency. and ¶ • → Is not in active litigation with the Energy Commission regarding the Applicant's actions under a current or past contract, grant, or loan with the Energy Commission. ¶    For the Applicant, and having authority to do so, I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct. ¶    (Oate) ¶	• Is registered to do-business-in-California, which-typically means with the California-Secretary-of-State, and such registration is in good standing; and'll california-Secretary-of-State, and such registration is in good standing; and'll ont-ware of any information that reasonably indicates it-may be sued-by-any-entity-or-individual, and is not aware of any information that reasonably indicates it-may be sued-by-any-entity-or-individual during the proposed agreement-term, that in either case-might-reasonably be expected to materially impact the applicant's ability-to-perform the proposed project; and-¶  • Is jo.compliance, with all-judgments, if any, issued-against the Applicant in-any-lawsuit-or-other-matter-to-which the Energy-Commission-or-another-government-agency or-entity; and'¶  • Is complying with-any-demand-letter made on the Applicant-by-the-Energy-Commission or another-government-agency: and ¶  • Is not-in-active-litigation-with-the-Energy-Commission-regarding the-Applicant's-actions-under-acument-or-past-contract, grant, or-loan-with-the-Energy-Commission. ¶  For-the-Applicant, and-having-authority-to-do-so, I-declare-under-penalty-of-perjury-under-the-laws of-the-State-of-California-that-the-foregoing-is-true-and-correct. ¶  (Cotal) ¶  (Cotal) ¶  (Signature) ¶  (Printed-Name) ¤					ded-by-the-	
Is registered to do-business in California, which typically means with the California Secretary of State, and such registration is in good standing; and       Is not currently being sued-by any entity (public or private) or individual, and is not aware of any information that reasonably indicates it may be sued by any entity or individual during the proposed agreement term, that in either case might-reasonably be expected to materially impact the applicant's ability to perform the proposed project; and "      Is jo.compliance.with the terms of all settlement agreements, if any, entered into with the Energy Commission or another government agency or entity; and       Is jo.compliance.with all judgments, if any, issued against the Applicant in any lawsuit or other matter to which the Energy Commission or another government agency is a party; and       Is complying with any demand letter made on the Applicant by the Energy Commission or another government agency; and       Is not in active litigation with the Energy Commission regarding the Applicant's actions under a current or past contract, grant, or loan with the Energy Commission.       In the Applicant, and having authority to do so, I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.       In the State of California that the foregoing is true and correct.       In the Applicant of the State of California that the foregoing is true and correct.       In the Applicant of the State of California that the foregoing is true and correct.	• Is registered to do-business in California, which typically means with the California Secretary of State, and such registration is in good standing; and fill the state of any information that reasonably indicates it may be sued by any entity or individual, and is not aware of any information that reasonably indicates it may be sued by any entity or individual during the proposed agreement term, that in either case might reasonably be expected to materially impact the applicant's ability to perform the proposed project; and fill in the Energy Commission or another government agency or entity; and fill will be Energy Commission or another government agency or entity; and fill is a survival to other matter to which the Energy Commission or another government agency or another government a	• → Has·not·file	ed-for-bankruptcy	·in·the·last·10·yea	ars; and ¶		
California Secretary of State, and such registration is in good standing; and     • Is not currently being sued by any entity (public or private) or individual, and is not aware of any information that reasonably indicates it may be sued by any entity or individual during the proposed agreement term, that in either case might reasonably be expected to materially impact the applicant's ability to perform the proposed project; and •     • Is jocompliance with the terms of all settlement agreements, if any, entered into with the Energy Commission or another government agency or entity; and     • Is jocompliance with all judgments, if any, issued against the Applicant in any lawsuit or other matter to which the Energy Commission or another government agency; as a party; and     • Is complying with any demand letter made on the Applicant by the Energy Commission or another government agency; and     • Is not in active litigation with the Energy Commission regarding the Applicant's actions under a current or past contract, grant, or loan with the Energy Commission.     For the Applicant, and having authority to do so, I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.     Signature        (Oate)	California Secretary of State, and such registration is in good standing; and     • Is not currently being sued by any entity (public or private) or individual, and is not aware of any information that reasonably indicates it may be sued by any entity or individual during the proposed agreement term, that in either case might reasonably be expected to materially impact the applicant's ability to perform the proposed project; and •     • Is jo.compliance.with the terms of all settlement agreements, if any, entered into with the Energy Commission or another government agency or entity; and     • Is jo.compliance.with all judgments, if any, issued against the Applicant in any lawsuit or other matter to which the Energy Commission or another government agency or another government agency; and     • Is not in active litigation with the Energy Commission regarding the Applicant's actions under a current or past contract, grant, or loan with the Energy Commission.     For the Applicant, and having authority to do so, I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.     (Oate)    (Oate)    (Printed Name)    (Printed Name)    (Printed Name)	→ Is-not-curr	ently-planning-to-	file-for-bankruptcy	r;∙and∙¶		
not-aware-of-any-information-that-reasonably-indicates it-may-be-sued by-any-entity-or-individual-during-the-proposed agreement term, that in either case might-reasonably be expected to materially impact the applicant's ability to perform the-proposed project, and · ¶  → Is-in-compliance-with the-terms of all-settlement-agreements, if-any, entered into-with the Energy-Commission or another-government agency or entity; and ¶  → Is-in-compliance-with all-judgments, if-any, issued-against the-Applicant in-any-lawsuit or-other-matter-to-which the-Energy-Commission-or-another-government-agency-is-a-party; and ¶  → Is-complying-with-any-demand-letter-made-on-the-Applicant by-the-Energy-Commission-or-another-government-agency; and ¶  → Is-not in-active-litigation-with-the-Energy-Commission regarding the-Applicant's-actions-under-a-current-or-past-contract, grant, or-loan-with-the-Energy-Commission. ¶  ¶  For-the-Applicant, and-having-authority-to-do-so, I-declare-under-penalty-of-perjury-under-the-laws-of-the-State-of-California-that-the-foregoing-is-true-and-correct. ¶	not-aware-of-any-information-thaf-reasonably-indicates-it-may-be-sued by-any-entity-or-individual-during-the-proposed agreement-term, that in-either-case-might-reasonably-be-expected-to-materially-impact-the-applicant's-ability-to-perform-the-proposed-project, and -¶  → Is-in-compliance-with-the-terms-of-all-settlement-agreements, if-any,-entered-into-with-the-Energy-Commission or another-government-agency or-entity; and ¶  → Is-in-compliance-with-all-judgments, if-any,-issued-against the-Applicant in-any-lavsuit-or-other-matter-to-which-the-Energy-Commission-or-another-government-agency-is-a-party; and ¶  → Is-complying-with-any-demand-letter-made-on-the-Applicant-by-the-Energy-Commission-or-another-government-agency; and ¶  → Is-complying-with-any-demand-letter-made-on-the-Applicant-by-the-Energy-Commission-or-another-government-agency; and ¶  → Is-not-in-active-litigation-with-the-Energy-Commission-regarding-the-Applicant's-actions-under-a-current-or-past-contract, grant, or-loan-with-the-Energy-Commission. ¶  1  For-the-Applicant, and-having-authority-to-do-so,-t-declare-under-penalty-of-perjury-under-the-laws-of-the-State-of-California-that-the-foregoing-is-true-and-correct. ¶  (Signature) ¶  (Signature) ¶  (Contractive-litigation-with-the-Energy-Commission-grand-correct-meand-						
Is jo compliance with all judgments, if any, issued against the Applicant in any lawsuit or other matter to which the Energy Commission or another government agency is a party; and if the Applicant by the Energy Commission or another government agency; and if the Applicant by the Energy Commission or another government agency; and if the Applicant's actions under a current or past contract, grant, or loan with the Energy Commission. If if the Applicant active lifting and having authority to do so, I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct. If if the Applicant is a state of California that the foregoing is true and correct. If if the Applicant is a state of California that the foregoing is true and correct. If if the Applicant is a state of California that the foregoing is true and correct. If if the Applicant is a state of California that the foregoing is true and correct. If if the Applicant is a state of California that the foregoing is true and correct. If if the Applicant is a state of California that the foregoing is true and correct. If if the Applicant is a state of California that the foregoing is true and correct. If if the Applicant is a state of California that the foregoing is true and correct. If if the Applicant is a state of California that the foregoing is true and correct. If if the Applicant is a state of California that the foregoing is true and correct.	Is jo.compliance.with-all-judgments, if-any, issued-against the-Applicant in any lawsuit or other-matter-to-which the Energy-Commission-or-another-government agency is a party; and     Is complying with-any-demand-letter-made-on-the-Applicant-by-the-Energy-Commission-or-another-government agency; and     Is not in-active-litigation with the Energy-Commission-regarding the Applicant's actions under-a current-or-past contract, grant, or-loan-with-the Energy-Commission.     If or the Applicant, and having authority to do-so, I-declare-under-penalty of perjury-under-the-laws of the State-of-California that the foregoing is true-and-correct.     Image: I	not-aware entity-or-in reasonably proposed- • → ls-in-comp	of any informatio dividual during th y be expected to project, and ¶ liance with the te	n-that-reasonably le-proposed-agree materially-impact rms-of-all-settlem	indicates it may ement term, that the applicant's a ent agreements,	·be·sued·by·any in·either·case·m bility·to·perform if·any,·entered·i	ight- the-
Commission or another government agency; and the Applicant's actions under a current or past contract, grant, or loan with the Energy Commission regarding the Applicant's actions under a current or past contract, grant, or loan with the Energy Commission. The Energy Commission of the Applicant, and having authority to do so, it declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct. The Commission of the State of California that the foregoing is true and correct. The Commission of the State of California that the foregoing is true and correct. The Commission of the State of California that the foregoing is true and correct. The Commission of the State of California that the foregoing is true and correct. The Commission of the State of California that the foregoing is true and correct. The Commission of the State of California that the foregoing is true and correct.	Commission or another government agency; and	• → Is-in-comp lawsuit-or-	liance with all jud other matter to w	gments, if any, is	sued against the	·Applicant·in·an	
actions under a current-or-past contract, grant, or-loan-with-the-Energy-Commission.¶  ¶  For-the-Applicant, and-having-authority-to-do-so, I-declare-under-penalty-of-perjury-under-the-laws of-the-State-of-California-that-the-foregoing-is-true-and-correct.¶  ¶  (Date)¶  ¶  (Signature)¶  ¶  (Frinted-Name)¤  ¶  September-9024  Page 1 of 1  Page 1 of 1  Page 1 of 1	actions under a current-or past-contract, grant, or loan-with the Energy-Commission.   1  For the Applicant, and having authority to do so, I-declare-under-penalty-of-perjury-under-the-laws of the State-of-California that the foregoing is true-and-correct.  (Date)  (Date)  (Signature)  (Frinted-Name)  (Printed-Name)					y-the-Energy-	
For the Applicant, and having authority to do so, I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.  (Date)  (Signature)  (Frinted-Name)  September 2024  Page 1 of 1  Page 1 of 1  (Figh Dury Hydrogen 1	For the Applicant, and having authority to do so, I-declare-under-penalty-of perjury-under- the laws of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application of the State-of-California that the foregoing is true-and-correct.  [Application o	actions · un	der-a-current-or-p				s.
the laws of the State of California that the foregoing is true and correct.  (Date)  (Date)  (Signature)  (Signature)  (Printed-Name)  September 2024  Page 1 of 1  Light-Duity Hydrogen	the laws of the State of California that the foregoing is true-and-correct.  (Date)*[   (Signature)*[   (Signature)*[   1    (Printed-Name)**   1    September 2024	1					
9µ	**************************************	For the Applicant	.and-having-auth	ority-to-do-so,-I-d	eclare-under-per	alty-of-perjury-u	nder-
Cote)	(Date)¶    (Signature)¶    (Printed-Name)¤    September 2024 → Page 1 of 1 → GFD 24-601¶   Light-Dayl-Yeldogen¶		ate-of-California	that the foregoing	is-true-and-corre	ect:¶	
		1				°¤	P.
(Printed-Name)  (Printed-Name)  1  September 2024 → Page 1 of 1 → GFD 24-6071  Light-Duity Hydrogen 9	(Printed-Name)  (Printed-Name)  1  September 2024 → Page 1 of 1 → GFO-24-6019 Light-Dept-Pytropen 1						Ħ
¶ GFG-24-801¶ → Page-1-of-1 → GFG-24-801¶ + Light-Duity+tyldrogen¶	¶ → GF0-24-60*1 → GF0-24-60*1 → Light-Duty-Yeldropen ¶	1					
¶ GFG-24-801¶ → Page-1-of-1 → GFG-24-801¶ + Light-Duity+tyldrogen¶	¶ → GF0-24-60*1 → GF0-24-60*1 → Light-Duty-Yeldropen ¶	(Printed-Name)					
→ Light-Duty-Hydrogen-¶	→ Light-Duty-Hydrogen-¶	¶					
→ Infrastructure-Ruild-Duffi	THE MARKET STATE OF THE STATE O	September-2024	, , ,	Page-1-of-1	, ->	Light-Duty-Hy	drogen-¶



# Station Photographs and Diagrams – Stations Requesting Cap-X Funding Only (Attachment 16)

- Applicants must submit current photographs of each proposed hydrogen refueling station site from each possible direction (north, east, south, and west) as well as outward-facing photographs that show the access roads and surrounding land uses.
- Applicants must also submit a diagram or drawing of each proposed station layout.



# Proof of Completing Critical Milestone #1 and #2 – Stations Requesting Cap-X Funding Only (Attachment 19 and 20)

- Applicants must include appropriate Authority Having Jurisdiction meeting notes for each proposed hydrogen refueling station address.
- Meeting notes are limited to a maximum of 5 pages per station.
- Applicants must include appropriate proof of site control and possession for each proposed hydrogen refueling station address.



## **HySCapE Input File – Stations Requesting Cap-X Funding Only (Attachment 21 and 22)**

- The Applicant shall provide the HySCapE input file (Attachment 21), for each station design proposed for funding to the CEC.
- The HySCapE input file must be uploaded to HySCapE to obtain the HySCapE results (Attachment 22). Instructions for uploading HySCapE can be found on pages 19 and 20 of the solicitation manual.
- The HySCapE results consist of the 24-hour (Chevron Friday) output file and graphs for each station design proposed for funding to the CEC.



## **Application Evaluation**

**GFO-24-601: Light-Duty Hydrogen Infrastructure Build-Out** 



#### **How Will My Application Be Evaluated?**

Stage One: Application Screening

- Administrative Screening Criteria (Pass/Fail)
- Technical Screening Criteria (Pass/Fail)

Stage Two: Application Evaluation

\*Applicants must pass ALL screening criteria, or the application shall be disqualified and eliminated from further evaluation.



## **Administrative Screening Criteria**

Criteria	Pass/Fail
1. The application is received by the due date and time specified in the "Key Activities Schedule" in Section I of this solicitation.	Pass or Fail
2. The Applicant has not included a statement that is contrary to the required authorizations and certifications when submitting in ECAMS.	Pass or Fail



## **Technical Screening Criteria**

Criteria	Pass/Fail
1. The applicant is an eligible applicant.	Pass or Fail
2. The project is an eligible project.	Pass or Fail
3. The applicant meets the minimum match share requirement.	Pass or Fail
4. The applicant passes the past performance criterion.	Pass or Fail



#### **Past Performance Screening**

- 1. An applicant may be disqualified due to **severe performance issues** characterized by significant negative outcomes under one or more prior or active CEC agreement(s) within the last 10 years.
- 2. Any applicant that does not have an active or prior agreement equates to no severe performance issues and therefore would pass this screening criteria.



#### **Application Technical Evaluation and Scoring**

- The Evaluation Committee applies the scoring scale to the evaluation criteria.
- Applications must obtain a minimum passing score of 70% or 70 points in order to be considered for funding.
- Review Section IV of the solicitation manual and ensure the application provides a clear and complete response to all scoring criteria.



### **Application Evaluation and Scoring**

	Scoring Criteria	Possible Points
1.	Team Experience and Qualifications	20
2.	Project Implementation	25
3.	Project Readiness	25
4.	Project Budget	15
5.	Environmental and Economic Benefits and Sustainability	15
	Total Possible Points	100
	Minimum Points to Pass (70%)	70



#### **Team Experience and Qualifications**

- The Applicant's and project team's qualifications (including relevant expertise, experience, and skill sets) are suitable to the tasks described in the proposed Scope of Work.
- The Applicant's and project team's qualifications, commitment, and approach will result in excellent customer service to FCEV drivers.
- The Applicant and project team have demonstrated exceptional experience working with AHJ and utility personnel to overcome permitting and planning barriers, if applicable.
- The Applicant has identified the project team and has demonstrated that the project team has sufficient personnel and organizational capacity to complete the project given its other project commitments.



## Team Experience and Qualifications (continued...)

- The Applicant and project team have demonstrated exceptional administrative and technical performance under existing or prior funding agreements (CEC and/or other public agencies), if the Applicant or project team worked on such projects, including:
  - o Adherence to schedules and due dates.
  - o Effective and timely issue resolution.
  - o Quality of deliverables.
  - o Objectives of past projects have been attained.
  - Honest, timely, and professional communication with staff from the funding entity.
  - o Effective coordination with project partners, subrecipients, vendors, and other stakeholders.
  - o Timely and accurate invoicing.



#### **Project Implementation**

- The Applicant demonstrates how the tasks in the Scope of Work will lead to a costeffective and timely (re)opening of the hydrogen refueling station(s) and how the proposed project schedule is aggressive, achievable, and will result in the successful completion of the proposed project.
- The Applicant commits to the operation of the proposed project's hydrogen refueling stations for longer than that required by this solicitation.
- The Applicant demonstrates clear, detailed, and convincing strategies to maximize station uptime and ensure customer satisfaction once the station(s) become open retail.
- The proposed project will result in aggressive response times for various types of operations and maintenance issues.
- The retail price of hydrogen will be minimized.



#### **Project Readiness**

- The Applicant has provided evidence that the stations(s) selected for the proposed project will be located in communities and/or along travel corridors that are not served or inadequately served by the existing light-duty hydrogen refueling station network.
- The Applicant has conducted due diligence on the viability of the selected site(s), including consistency with local land use regulations and planning documents.
- The Applicant has provided evidence of the station(s) location's viability in terms of potential customer demand, which may include coordination with light-duty and/or medium-duty FCEV fleet deployments.



#### **Project Readiness (continued...)**

- The Applicant has demonstrated support for the proposed station(s) from local community groups (such as neighboring residents and businesses), potential customers, and the AHJ.
- The Applicant has provided evidence to support a high probability of quick completion of station environmental review, entitlements, permitting, or construction.
- The Applicant has identified major risks and barriers to successful project completion and has provided detailed, clear and convincing strategies on how they will be mitigated.



#### **Project Budget**

- The total cost per light-duty hydrogen refueling station is minimized to effectively support the state's 200-station goal.
- The proposed project has match funding commitments supported by verifiable documentation (attach letter of commitment separately).
- The Applicant has demonstrated why state funds are necessary for project success.



## **Environmental and Economic Benefits, and Sustainability**

- The Applicant has demonstrated that the proposed project will meet and exceed the minimum requirement for renewable hydrogen and has explained sourcing of renewable attributes for the hydrogen supply and how direct attributes is prioritized over indirect (book-and-claim style sourcing).
- The Applicant has calculated and presented the carbon intensity of the hydrogen fuel to be dispensed at the proposed station(s), measured well-to-gate, consistent with the clean hydrogen federal tax credit created by Section 45V of Title 26 of the United States Code. Preference shall be provided to Applicants with the least carbonintensive proposed fuel using the order of tiers created by the regulations adopted pursuant to Section 45V if Title 26 of the United States Code.



## **Environmental and Economic Benefits and Sustainability (continued...)**

- The proposed project will provide direct and meaningful benefits (such as air quality, job opportunities, workforce training, etc.) to disadvantaged and low-income communities and workers within those communities in accordance with CalEnviroScreen 4.0 (available at https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40).
- The proposed project will expand business opportunities for Californiabased businesses, result in high-quality jobs in terms of compensation, duration, and related project payroll, and increase state and local tax revenues.



#### **Terms and Conditions**

GFO-24-601: Light-Duty Hydrogen Infrastructure Build-Out



#### **Terms and Conditions**

- Terms and Conditions
  - Can be found on the Funding Resources webpage at https://www.energy.ca.gov/funding-opportunities/funding-resources
  - Appendix 1 reflects the terms and conditions that have been updated through the CEC's ECAMS process
    - E.g. backup documentation required for invoicing
- More information is on the <u>ECAMS Resources webpage</u> at <u>https://www.energy.ca.gov/funding-opportunities/funding-resources/ecams-resources</u>
- Special Terms & Conditions (Attachment 18)
- Special Terms and Conditions for Tribes (Attachment 23)



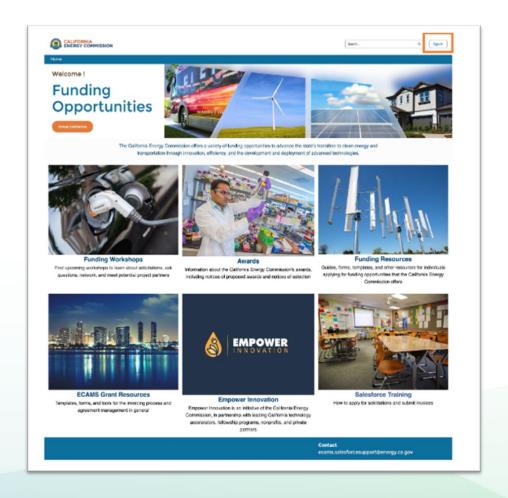
## **Application Submittal**

GFO-24-601: Light-Duty Hydrogen Infrastructure Build-Out



#### **GFO Submission Requirements**

- Applications will be submitted through the Energy Commission Agreement Management System (ECAMS), available at: <a href="https://ecams.energy.ca.gov/">https://ecams.energy.ca.gov/</a>
- Applicants must have or create a user account in order to apply for this solicitation. To create an account, please see the guidance document titled <u>User Registration</u> Instructions
- Note: One account manager per organization, but users can be added by account manager





#### **GFO Submission Requirements, Cont.**

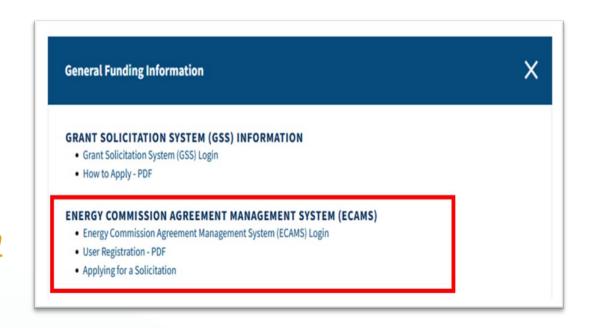
- Electronic files, other than those requiring signatures, must be in the format that they are provided in the solicitation.
- Application documents should meet formatting requirements, and page recommendations provided in the solicitation manual.
- Attachments requiring signatures (Support/Commitment Letters) may be scanned and submitted in PDF format.
- Until further notice, any requirement in CEC solicitations to provide a signature is waived. In ECAMS, checking the "I Agree" box and clicking the "I Agree & Submit" button provides the required authorizations and certifications.
  - Notice on CEC's waiver of the signature requirement appears here: https://www.energy.ca.gov/funding-opportunities/solicitations



#### **GFO Submission Resources**

- For detailed instructions on how to submit an application, please see the <u>Applying for a</u> <u>Solicitation</u> guidance document
- Guidance documents are available at <a href="https://www.energy.ca.gov/fundingg-opportunities/funding-resources">https://www.energy.ca.gov/fundingg-opportunities/funding-resources</a> under General Funding Information
- Questions about the ECAMS system can be sent to:

ECAMS.SalesforceSupport@Energy.ca.gov





#### **GFO Submission**

## Submit applications early!

ECAMS will stop accepting application documents promptly at the deadline of 11:59 p.m. on January 15, 2025.

Applications in the process of being submitted prior to the deadline will NOT be accepted after the deadline.



Activity	<b>Action Date</b>
Solicitation Release	September 20, 2024
Pre-Application Workshop	October 8, 2024
Deadline for Written Questions by 5:00 p.m.	October 21, 2024
Anticipated Distribution of Question/Answers	Week of November 4, 2024
Deadline to Submit Applications by 11:59 p.m.	January 15, 2025
Anticipated Notice of Proposed Awards Posting	Week of March 3, 2025
Anticipated Energy Commission Business Meeting	June 2025



### **Question and Answers**

#### Three ways to ask questions:

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

#### 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

#### 3. Submit written questions

Send written questions to Laura.Williams@energy.ca.gov Deadline: October 21, 2024 5:00 p.m. PST

Note that an official CEC response will be provided in writing and posted on the GFO webpage in November.



## **Written Questions**

Please send all questions related to GFO-24-601 to:

Laura Williams
Commission Agreement Officer
715 P Street, MS-18
Sacramento, CA 95814
(916) 879-1383

Laura.Williams@energy.ca.gov

(Please add subject line: GFO-24-601)

Deadline to submit questions: Monday, October 21, 2024, 5:00 p.m. PST

Deadline to submit applications: <u>Wednesday</u>, <u>January 15</u>, <u>2025</u>, <u>11:59 p.m.</u>



Activity	Action Date
Deadline for Written Questions by 5:00 p.m.	October 21, 2024
Anticipated Distribution of Question/Answers	Week of November 4, 2024
Deadline to Submit Applications by 11:59 p.m.	January 15, 2025
Anticipated Notice of Proposed Awards Posting	Week of March 3, 2025

Updates to solicitation documents will be posted on the <u>GFO Webpage</u>: <a href="https://www.energy.ca.gov/solicitations/2024-09/gfo-24-601-light-duty-hydrogen-infrastructure-build-out">https://www.energy.ca.gov/solicitations/2024-09/gfo-24-601-light-duty-hydrogen-infrastructure-build-out</a>



### **Thank You!**

Applications are due January 15, 2025 by 11:59 p.m.