

#### **GFO-23-317 Pre-Application Workshop**

Energy Storage Innovations to Support Grid Reliability

Energy Research and Development Division, California Energy Commission

Presenter: Elyse Kedzie, Solicitation Manager

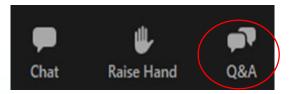
Date: July 8, 2024



Time	ltem
10:00 am	Welcome and Introduction
10:05 am	Solicitation Background: • EPIC Research Program • Purpose of Solicitation • Available Funding
10:25 am	<ul> <li>Application Requirements:</li> <li>Project Group Requirements</li> <li>Two-Phase Process</li> <li>Attachments</li> <li>Submission Process</li> <li>Evaluation Process</li> </ul>
11:00 am	Q&As
12:00 pm	Adjourn



- This workshop will be recorded and posted to the CEC website.
- Attendees will be muted during the presentation. Please chat your question using the Q&A window:



 Updates to solicitation documents will be posted at the Grant Funding Opportunity's webpage:

https://www.energy.ca.gov/solicitations/2024-07/energy-storageinnovations-support-grid-reliability

## Commitment to Diversity

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

To meet this commitment, Energy Commission staff conducts outreach efforts and activities to:

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

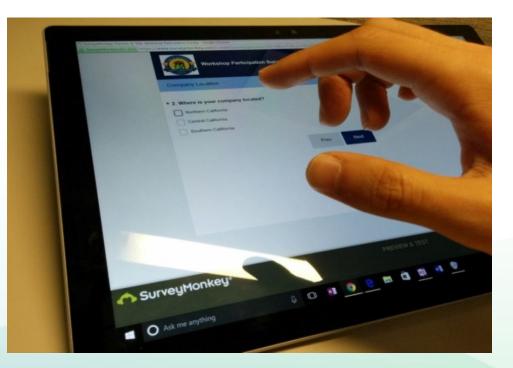


#### **Participation Survey**

Survey responses will be summarized anonymously to track attendance of underrepresented groups in our workshops for public reporting purposes.

 Online participants, please use this link: <u>https://forms.office.com/g/2Li4Yefpqw</u>

Thanks!







#### **Empower Innovation**







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**California Energy Commission** 



**CalEnergyCommission** 

### **Find a Partner on EmpowerInnovation.net**

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

#### **FIND A PARTNER**

Announce your interest in this funding opportunity and message other interested clean tech innovators including Resource parties to find potential partners.

#### **RESOURCES & TOOLS**

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

https://www.empowerinnovation.net/en/custom/funding/view/43393





# **EPIC Program Background**

- The Electric Program Investment Charge (EPIC) Program is an electricity ratepayer surcharge established by the California Public Utilities Commission (CPUC) in December 2011
- The purpose of the EPIC program is to benefit the ratepayers of the three investor-owned utilities (IOUs)\*
- The EPIC program funds clean energy technology projects that promote greater electricity reliability, lower costs, and increased safety





California Energy Commission
COMMISSION REPORT

The Electric Program Investment Charge Proposed 2021–2025 Investment Plan

EPIC 4 Investment Plan

Gavin Newsom, Governor November 2021 | CEC-500-2021-048-CMF



### **Policy Drivers – Laws & Regulations**



**Senate Bill (SB) 32:** targets a GHG emissions reduction of 40 percent below 1990 levels by 2030.

**Assembly Bill (AB) 2514:** requires the CPUC to determine targets for the procurement of viable, cost-effective energy storage systems by load-serving entities.

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**HR 3684 (Bipartisan Infrastructure Law):** provides funding to improve and build resilient public infrastructure in the transportation, clean water and energy, and communication sectors.

**SB 100:** requires that 100% of retail sales of electricity to California end-use customers and 100% of electricity procured to serve all state agencies come from eligible renewable energy resources and zero-carbon resources by December 31, 2045.



**SB 846:** requires the California Energy Commission to develop a goal for shifting load to reduce net peak electrical demand and policies to increase demand response and load shifting.

**CPUC Decisions 13-10-040 and 18-01-003**: Establishes policies and guidelines for energy storage procurement.

See Part 1. Section J. for more information on background policy.



- Advance short- and long-duration energy storage technologies by:

   Improving cost, performance, safety, and supply chain diversification.
  - Demonstrating the benefits of energy storage use cases to support grid reliability.
- Projects must fall within the following project groups:

   Group 1: Applied Research and Development (R&D) to Improve Energy Storage Value, Safety, and Sustainability
   Group 2: Multiple-Use Case Demonstrations for Energy Storage Value Storage



Project Group	Available Funding	Minimum Award Amount	Maximum Award Amount
<b>Group 1:</b> Applied R&D to Improve Energy Storage Value, Safety, and Sustainability	\$5,000,000	\$1,000,000	\$2,000,000
<b>Group 2:</b> Multiple-Use Case Demonstrations for Energy Storage Value Stacking	\$25,000,000	\$4,000,000	\$10,000,000

# Match Funding – Group 1

- A minimum of **10%** match funding is required.
- Applications with additional match and higher proportions of cash match funding will receive additional points during the scoring phase.
- Match funding contributors must submit match funding commitment letters that meet the requirements. Failure to do so will disqualify the match funding commitment from consideration.
- Refer to Part 1. Section K. in the Solicitation Manual for more details on match funding.

# Match Funding – Group 2

- A minimum of 25% match funding is required.
  - Requirement reduced to 10% for projects whose demonstration site is located in and benefiting a California Native American Tribe, Disadvantaged Community (DAC), and/or Low Income Community (LIC).
- Example calculation:
  - Applicant requests \$4,000,000 of CEC funds for a project.
  - \$1,000,000 of match share is required.
  - If the project is located in and benefiting a California Native American Tribe, DAC, or LIC, \$400,000 of match share is required.
- Applications with additional match and higher proportions of cash match funding will receive additional points during the scoring phase.
- Match funding contributors must submit match funding commitment letters that meet the requirements. Failure to do so will disqualify the match funding commitment from consideration.
- Refer to Part 1. Section K. in the Solicitation Manual for more details on match funding.

## ENERGY COMMISSION

#### Group 1: Applied R&D to Improve Energy Storage Value, Safety, and Sustainability

**Funding Amount:** \$5,000,000 (Applied Research and Development)

#### **Background:**

- Improve grid reliability by advancing stationary energy storage technologies
- Address challenges of current commercial storage (i.e. Liion batteries)
  - Cost, supply chain, scarcity of critical materials, flammability, performance degradation
- Further develop non-lithium or next-generation lithium storage technologies



- Improve pre-commercial short- or long-duration stationary energy storage system (ESS) technologies.
  - Eligible technologies include thermal, electrochemical, and/or mechanical energy storage technologies.
- Only Technology Readiness Level (TRL) 3, 4 or 5 are eligible.
- Improve ESS cost-effectiveness, safety, system performance, reliability, siting flexibility, and/or supply chain sustainability compared to the current state-of-the-art.
- Demonstrate pathway to performance metrics:
  - Levelized cost of storage (LCOS) of <\$0.05/kWh</li>
  - Calendar life of >10 years of operation
  - Roundtrip efficiency of >50% DC-DC
- See Part 1 Section C for more information.



- Technologies <u>not</u> eligible in Group 1 include the following:
   Ommercially competitive technologies
  - Li-ion-based projects are eligible if the technology innovation meets requirements

Energy storage for mobile applications such as electric vehicles, aviation, or vehicle-to-grid innovations
 Hydrogen

#### Group 2: Multiple-Use Case Demonstrations for Energy Storage Value Stacking

**Funding Amount:** \$25,000,000 (Technology Demonstration and Deployment)

#### **Background:**

- Provide multiple energy storage services to the electric grid and amplify its benefits and value.
  - See CPUC Decision 18-01-003.
- Increase the value proposition and revenue streams for storage installations.
- Benefit overall electric system reliability.

# Group 2 – Requirements 1

- Demonstrate an innovative combination of ESS technology, location, and storage use cases.
  - Eligible technologies include thermal, electrochemical, and/or mechanical energy storage technologies
- Demonstrate stacking of at least two services using the same storage asset to optimize customer and grid benefits.
   Adhere to CPUC Decision 18-01-003 for multiple-use applications of energy storage.
- Only TRL 6 or 7 are eligible.
- Demonstrate pathway to performance metrics:
  - Levelized cost of storage (LCOS) of <\$0.05/kWh</li>
  - Calendar life of >10 years of operation
  - Roundtrip efficiency of >50% DC-DC

### **Group 2 – Examples of Services**

Table 1

**Grid Domains** 

• Table 1 shows examples of services of interest that provide benefits to the grid and customers.

	Services to Grid and Cust.	Tran.	Dist.	Cust.
Energy & AS Markets and Products	Energy	$\checkmark$	$\checkmark$	$\checkmark$
	Frequency Regulation	$\checkmark$	$\checkmark$	$\checkmark$
	Spin/Non-Spin Reserve	$\checkmark$	$\checkmark$	$\checkmark$
	Flexible Ramping	$\checkmark$	$\checkmark$	$\checkmark$
	Voltage Support	$\checkmark$	$\checkmark$	$\checkmark$
	Blackstart	$\checkmark$	$\checkmark$	$\checkmark$
Resource Adequacy	System RA Capacity	$\checkmark$	$\checkmark$	$\checkmark$
	Local RA Capacity	$\checkmark$	$\checkmark$	$\checkmark$
	Flexible RA Capacity	$\checkmark$	$\checkmark$	$\checkmark$
T & D	Transmission Investment Deferral	$\checkmark$	$\checkmark$	$\checkmark$
Related	Distribution Investment Deferral		$\checkmark$	$\checkmark$
	Microgrid/Islanding		$\checkmark$	$\checkmark$
Site-Specific & Local Services	TOU Bill Management			$\checkmark$
	Demand Charge Management			$\checkmark$
	Increased Use of Self-Generation			$\checkmark$
	Backup Power			$\checkmark$
Source: CDLIC Energy Storage Presurement Study (May 2022)				

Source: <u>CPUC Energy Storage Procurement Study (May 2023)</u>

# Group 2 – Requirements 2

- Must demonstrate "electricity in electricity out" storage systems with at least 100 kW of electricity output.
- Projects that consist of multiple individual storage systems are eligible if they add up to at least 100 kW.
- Hybrid storage resources paired with renewable generation and sharing the same point of interconnection are eligible.
- Demonstrations must be located in a California electric IOU service territory (Pacific Gas & Electric, San Diego Gas & Electric, Southern California Edison).

# Group 2 – Requirements 3

- Demonstrations must operate for a minimum of 12 months to collect relevant field data.
- Projects will receive preference points for ability to benefit DAC, LIC, and/or Tribes.
- For demonstrations located in and benefiting DAC, LIC, and/or Tribes, project must allocate appropriate funding for a community-based organization and/or Tribe for relevant project tasks.
- Describe community engagement plan.
- See Part 1. Section C. for more information.



Projects <u>not</u> of interest in Group 2 include the following:

 Commercial Li-ion batteries deployed with conventional use cases, such as behind-the-meter customer storage
 Thermal storage without electricity discharge
 Hydrogen

 Applications that describe the use of a commercial technology for a non-innovative or non-unique use case will not be considered responsive.



- This is an open solicitation to public and private entities.
- Applicants must accept applicable EPIC terms and conditions.
  - Standard, UC, and DOE T&Cs available online: <u>https://www.energy.ca.gov/funding-</u> <u>opportunities/funding-resources</u>
- Applicants are encouraged to register with the California Secretary of State, as all recipients must be registered and in good standing to enter into an agreement with the Energy Commission: <u>http://www.sos.ca.gov</u>



The evaluation process will consist of two phases:

- 1. Phase 1 Technical Abstract Screening
- 2. Phase 2 Full Application Evaluation and Scoring



### **Phase 1: Technical Abstracts**

#### GFO-23-317: Energy Storage Innovations to Support Grid Reliability Due Date: August 9, 2024





#### **Technical Abstract Requirements**

Each Applicant must complete and include the following:	Page Limit:
<ul> <li>A. Abstract Project Summary (.docx)</li> <li>I. Innovation</li> <li>II. Methodology</li> <li>III. Market Competitive</li> </ul>	Limit response to eight pages
Appendix IV. Comparison Table(s) V. Letters of Commitment and Support from Project Partners and Stakeholders	Not subject to page limit

#### Pre-Application Project Abstract (Attachment A) - 1

This is your opportunity to describe your proposed technology to be demonstrated under this grant. The abstract should describe:

- I. Innovation:
  - Explain how the proposed technology works. What are the key components and innovations? Include graphs, photos, and schematics as necessary.
  - What makes this technology unique, and how does it improve upon existing solutions? To what extent has the technology been developed and demonstrated to date? Technologies should enter the agreement term at an initial technology readiness level (TRL) 3-5 for Group 1 and 6-7 for Group 2.



#### **Pre-Application Project Abstract** (Attachment A) - 2

- II. Methodology:
  - Describe the project's research objectives and technical approach. How will you ensure the project is realistic and feasible? How will you identify project partners?
  - What data will you collect? What metrics will you track? How will you evaluate performance of your technology? How will you compare your solution to alternatives in the market?
  - Describe the project team and qualifications.
  - Group 2 applicants only:
    - Describe your methodology in identifying and engaging with potential demonstration site hosts and what prior activities have been conducted thus far. What Community-Based Organizations are you planning to partner with to deploy the technology?
    - Describe the demonstration site.
    - Identify and describe the grid services provided by this demonstration.

#### Pre-Application Project Abstract (Attachment A) - 3

#### **III. Market Competitiveness:**

- Describe your understanding of customer preferences, pain points, and potential adoption barriers. Explain how your product addresses these market needs and offers a competitive advantage over alternatives.
- Describe your path-to-market strategy.
- Describe what financial and energy related benefits will be generated to the customer and/or grid. What energy and financial analyses will be performed?

# **Technical Abstract Appendix (Att. A-IV)**

- **IV. Comparison Table**. Compare your proposed technology to current leading and competing technologies. Attributes of interest include:
  - Levelized Cost of Storage
  - Product Lifetime
  - Round Trip Efficiency
  - Supply Chain and Environmental Impacts
  - Product Safety

Applicants should include these or other attributes as they see fit.



- V. Letters of Commitment and Support from Project Partners and Stakeholders
  - Applicants must submit letters of commitment or support from project partners and/or stakeholders, which may include:

     demonstration site owners
     sub-recipients
     community-based organizations
     local trades groups
  - Letters of commitment from demonstration sites are not required under Phase 1 but would demonstrate a high level of project readiness.



### **Phase 2: Full Application**

#### GFO-23-317: Energy Storage Innovations to Support Grid Reliability Due Date: October 30, 2024





Each Applicant must complete and including the following:			
1. Executive Summary (.docx)	7. CEQA Compliance Form (.docx)		
2. Project Narrative (.docx)	8. Past Projects Information Form (.docx, .pdf)		
3. Project Team (.docx, .pdf)	9. Commitment and Support Letters (.pdf)		
4. Scope of Work (.docx)	10. Project Performance Metrics		
5. Project Schedule (.xlsx)	11. Applicant Declaration (.docx)		
6. Budget (.xlsx)			

# **Project Narrative (Attachment 2)**

- This is your opportunity to explain the entirety of the project. The narrative should explain:
  - Why is your project necessary and important to California?
  - What is your project approach and how will each major task be implemented?
  - How will the project be completed in the term proposed
  - How will the project outcomes benefit electric ratepayers?
  - Address the requirements for your group as described in Part 1. Section C.

Respond to the scoring criteria described in Section IV.F.

# **Group 1 – Application Requirements**

- Group 1 Phase 2 applications should provide detailed information and plans, including, but not limited to:
   Targeted innovation or technology
  - Performance metrics that include the selected technology's improvement(s) over the incumbent technology
  - Description of the prototype or pilot test plan, including details on the test facility, if applicable
  - TRL of the proposed technology, including backup materials and explanation of accomplished TRL milestones

## **Group 2 – Application Requirements**

- Group 2 Phase 2 applications should provide detailed information and plans, including, but not limited to:
  - Performance Metrics, including:
    - Targeted technology improvement or innovation,
    - Expected system size (power, duration),
    - Product efficiency,
    - Product lifetime,
    - Current and targeted levelized cost of storage (\$/kWh), and
    - Anticipated avoided greenhouse gas and other air pollutant emissions.
  - $\circ$  Proposed site location(s).
  - Description of the use cases chosen for the project and why they are unique
  - TRL of the proposed technology/production system design, including backup materials and explanation of accomplished TRL milestones.



- Tell us exactly what you are proposing to do in your project.
- Identify what will be deliver to the Energy Commission.
- Be sure to include in the technical tasks:
  - At least one product deliverable per task.
  - Address requirements in Section I.C. under Project Focus.
- Be sure to include in the Project Schedule (Attachment 5):

   Product deliverables that correspond with the Scope of Work.
   Realistic dates on when product deliverables can be completed.



- Identify how the Energy Commission funds and match funds will be spent to complete the project.
- Subrecipients receiving \$100,000 or more Energy Commission funds must complete a separate budget form.
- Ensure that all rates provided are **maximum** estimated rates for the entire project term and any potential increases are included.
- Travel Restrictions:
  - O CEC funds should be limited to project task specific in-state travel.
  - Travel to conferences is generally not considered applicable travel for projects and should not use CEC funds.

## Commitment and Support Letter Forms (Attachment 9)

• Follow guidelines provided for commitment and support letters.

- Commitment letters are required for entities or individuals that are committing match funding, testing/demonstration sites, including the Applicant (prime).
- Support letters describe a project stakeholder's interest or involvement in the project.
- All applicants must submit at least one support letter.
- Match funding must be supported by a match fund commitment letter(s).
- Any project partners that will make contributions to the project (other than match and sites) must submit a commitment letter.
- Limit to two pages per letter, excluding the cover page.

## **GFO Submission Requirements - 1**

 Applicants must have or must create a user account to submit a solicitation application. To create an account, please see the guidance User **Registration Instructions** at:

https://www.energy.ca.gov/media/7893

Note: One account manager per organization, but users can be added by account manager

 Applications must be submitted through the Energy Commission **Agreement Management System** (ECAMS) at: https://ecams.energy.ca.gov/



transportation through innovation, efficiency, and the development and deployment of advanced technologies.







Funding Workshops Find upcoming workshops to learn about solicitations, ask questions, network, and meet potential project partners

information about the California Energy Commission's awards.

including notices of proposed awards and notices of selection

Funding Resources Guides, forms, templates, and other resources for individuals applying for funding opportunities that the California Energy Commission offers



ECAMS Grant Resources Templates, forms, and tools for the invoicing process and agreement management in general



Empower Innovation Empower involvation is an initiative of the California Energy Commission, in partnership with leading Galifornia technology accelerators, fellowship programs, nonprofits, and private 22/0100



Salesforce Training How to apply for solicitations and submit invoices

Contact ecams.salesforcesupport@energy.ca.gov

## **GFO Submission Requirements - 2**

- For detailed instructions on application submittal, please see the *Applying* for a Solicitation at: https://www.energy.ca.gov/media/7956
- Both referenced guidance documents are available at: <u>https://www.energy.ca.gov/funding-</u> <u>opportunities/funding-</u> <u>resources</u> under General Funding Information.



 Questions with the ECAMS system should be directed to: <u>ECAMS.SalesforceSupport@Energy.ca.gov</u>



- Electronic files, other than those requiring signatures, must be consistent with the specific file format provided in the solicitation.
- Application documents should meet formatting requirements, and page recommendations as specified in the solicitation manual.
- Attachments requiring signatures (Application Form and Support/Commitment Letters) may be signed, scanned, and submitted in PDF format.



### **START THE PROCESS EARLY!**

- Applications must be fully submitted <u>BEFORE</u> the deadline listed in the solicitation manual.
- The ECAMS system will reject applications submitted after the deadline.
- Applications in the process of being submitted prior to the deadline will <u>NOT</u> be accepted after the deadline.
- ECAMS support is <u>ONLY</u> available from 8am 5pm Monday-Friday.



- Register as a New User (if applicable)
- Log In
- 4-Step Application Submittal Process:
  - 1. Select Solicitation
  - 2. Enter Application Information
  - 3. Upload Files
    - Select documents for upload
    - Tag files with document type
    - Designate confidential documents (if applicable)
  - 4. Review and Submit
- Confirmation from ECAMS system that submission was successful

All steps must be complete BEFORE the submission deadline

## **Application Reminders**

# We recommend you carefully review your application before submission.

- □ Verify that all necessary documents have been uploaded.
- Verify that all documents uploaded are the accurate version you intend to submit as your final.
- Verify that your documents are not marked "confidential" unless the solicitation allows specific material to be confidential. Most solicitations do not allow submission of confidential information.
- Verify that your match commitment letters accurately reflect the match amounts included in your budgets, including the match provided by the prime applicant.
- □ Verify that support and commitment letters are included, if required.
- Verify that amounts entered within the system's budget (if any) concur with information included on uploaded budget worksheets.

### How will my Application be Evaluated? Application Screening (Phases 1 and 2)

#### **Admin Screening Process**

- Energy Commission staff screens applications per criteria in Part 4. Section E. and F. (Phases 1 and 2 respectively).
- Criteria are evaluated on a pass/fail basis.
- Applicants must pass all screening criteria, or the application will be disqualified.

#### Some Reasons for Disqualification

- Application is not submitted by the specified due date and time.
- Application does not include one or more support letters.

### How will my Application be Evaluated? Phase 1: Technical Evaluation of Abstract

#### **Technical Evaluation Process**

- Energy Commission staff screens applications per criteria in Section IV.E.
- Criteria are evaluated on a "Pass" and "Do Not Pass" basis.

Applicants must pass all screening criteria to be invited to submit a Phase 2 Full Application.

#### **Evaluation Criteria**

- Innovation meets Project Focus requirements
- Methodology is strategic and feasible
- □ Market Competitive
- Comparison Table
- Abstract is responsive to prompts within Attachment A

### How will my Application be Evaluated? Phase 2: Full Application Scoring

- Evaluation Committee applies the scoring scale to the scoring criteria.
- Applications must obtain a minimum passing score of 52.5 points for Criteria 1-4 in order to continue evaluation.
- Applications must obtain a minimum passing score of 70 points for Criteria 1-7 in order to be considered for funding.
- Review Section IV of the manual and ensure the application provides a clear and complete response to each scoring criteria.

Scoring Criteria	Maximum Points
1. Technical Merit	15
2. Technical Approach	25
3. Impacts and Benefits for CA IOU Ratepayers	20
4. Team Qualifications, Capabilities, and Resources	15
5. Budget and Cost-Effectiveness	10
6. CEC Funds Spent in California	10
7. Ratio of Direct Labor Costs to Indirect Costs	5
Total	100
Minimum Points to Pass	70

### How will my Application be Evaluated? Application Scoring – Preference Points

- Passing applications (score of 70 or more from Criteria 1-7) will be considered for bonus points. Criteria for bonus points include:
  - Match Funding
  - Disadvantaged Communities

Scoring Criteria	Maximum Points
8. Match Funds	10
9. Disadvantaged & Low-income Communities	5
Total Bonus Points	15



- Applicants may receive up to 10 additional preference points based on the criteria below:
  - O Up to 5 points will be awarded based on the percentage of proposed cash relative to the total match contributions using the Match Scoring Table in the Scoring Criteria.
  - The remaining 5 points may be awarded to applications that exceed the minimum match requirements up to 100 percent using the Exceeds Minimum Match Scoring table.
  - Refer to the Solicitation Manual for more details on the match funding scoring criteria.



- Projects with all test or demonstration sites located in disadvantaged and/or low-income communities and justifies how the project will benefit these communities may receive additional points.
  - A disadvantaged community is identified by census tract and represents the 25% highest scoring tracts in CalEnviroScreen 4.0 or later versions: <u>https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40</u>
  - Low-income communities are defined as communities within census tracts with median household incomes at or below 80 percent of the statewide median income, or at or below the threshold designated as low-income by the California Department of Housing and Community Development. <u>http://www.hcd.ca.gov/grantsfunding/income-limits/index.shtml</u>



- Notice of Proposed Award: Shows total proposed funding amounts, rank order of applicants by project group, and the amount of each proposed award.
- Agreement Development: Proposal documents will be processed into a legal agreement.
- Failure to Execute: The Energy Commission reserves the right to cancel the pending award if an agreement cannot be successfully executed with an applicant.
- Project Start: Recipients may begin work on the project only after the agreement is fully executed (approved at an Energy Commission business meeting and signed by the Recipient and the Energy Commission).



Activity	Date	
Solicitation Release	June 25, 2024	
Pre-Application Workshop	July 8, 2024 at 10:00 am	
Deadline for Written Questions	July 17, 2024 at 5:00 pm	
Anticipated Distribution of Questions and Answers	Week of July 29, 2024	
Support for Application Submission in ECAMS (Phase 1)	Monday - Friday 8:00 am to 5:00 pm	
Deadline to Submit Applications in ECAMS (Phase 1)	August 9, 2024 at 11:59 pm	
Anticipated Posting of Phase 1 Results	Week of September 1, 2024	
Support for Application Submission in ECAMS (Phase 2)	Monday - Friday 8:00 am to 5:00 pm	
Deadline to Submit Applications in ECAMS (Phase 2)	October 30, 2024 at 11:59 pm	
Anticipated Notice of Proposed Award Posting Date	Week of December 2, 2024	
Anticipated Energy Commission Business Meeting Date	January 21, 2025	
Anticipated Agreement Start Date	February 1, 2025	
<ul> <li>Anticipated Agreement End Date</li> <li>Approx. 3 years for Group 1 projects</li> <li>Approx. 4 years for Group 2 projects</li> </ul>	March 31, 2028 - 2029	



#### Three ways to ask questions:

- 1. Use the raise hand feature in Zoom:
  - Zoom phone controls:
    - \*6 Toggle mute/unmute
    - \*9 Raise hand
  - Introduce yourself by stating your name and affiliation
  - Keep questions under 3 minutes to allow time for others

- 2. Type questions in the Q&A Box in Zoom:
  - Please provide name and affiliation.
- 3. Submit written questions:
  - Send written questions to Enrico.Palo@energy.ca.gov by July 17, 2024 at 5:00pm Pacific

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



Please send all questions related to GFO-23-317 to:

Enrico Palo Commission Agreement Officer 1516 Ninth Street, MS-18 Sacramento, CA 95814 (916) 957-7856 Enrico.Palo@energy.ca.gov

Deadline to submit questions: July 17, 2024 5:00 PM



## **Thank You!**

