



# **GFO-24-701 Pre-Application Workshop**

## **Offshore Wind Energy Waterfront Facility Improvement Program**

Siting, Transmission, and Environmental Protection Division, California Energy Commission

Presenters: Eli Harland and Elizabeth Barminski

October 16, 2024



# Housekeeping

## This workshop will be recorded

- Participants will be muted during the presentation. Please chat your question in the Q&A window.
- Virtual Participation Options:
  - Chat questions in the Q&A window
  - Raise hand on Zoom
  - Press \*6 on the phone during the Q&A period
- Updates on solicitation documents including this presentation will be posted at the Grant Funding Opportunity's webpage: **GFO-24-701**

<https://www.energy.ca.gov/solicitations/2024-09/gfo-24-701-offshore-wind-energy-waterfront-facility-improvement-program>



# Workshop Schedule

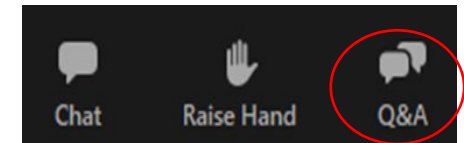
Time	Item
10:00 am	Welcome and Introduction
10:05 am	Grant Funding Opportunity (GFO) Background Key Dates Funding Categories Project Activities
10:25 am	Application Requirements Eligibility Application Requirements and Attachments Submission and Evaluation Process
10:45 am	Questions and Answers
11:30 am	Comments from interested parties and the public
12:00 pm	Adjourn





# Workshop Information

- This workshop will be recorded and posted to the CEC website here: <https://www.energy.ca.gov/event/funding-workshop/2024-10/pre-application-workshop-gfo-24-701-offshore-wind-energy-waterfront>
- Attendees will be muted during the presentation. Please submit 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/2024-09/gfo-24-701-offshore-wind-energy-waterfront-facility-improvement-program>





# 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.



# **Assembly Bill 209 (2022) Clean Energy Programs**

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## **General Provisions in the statutes for the Clean Energy Programs**

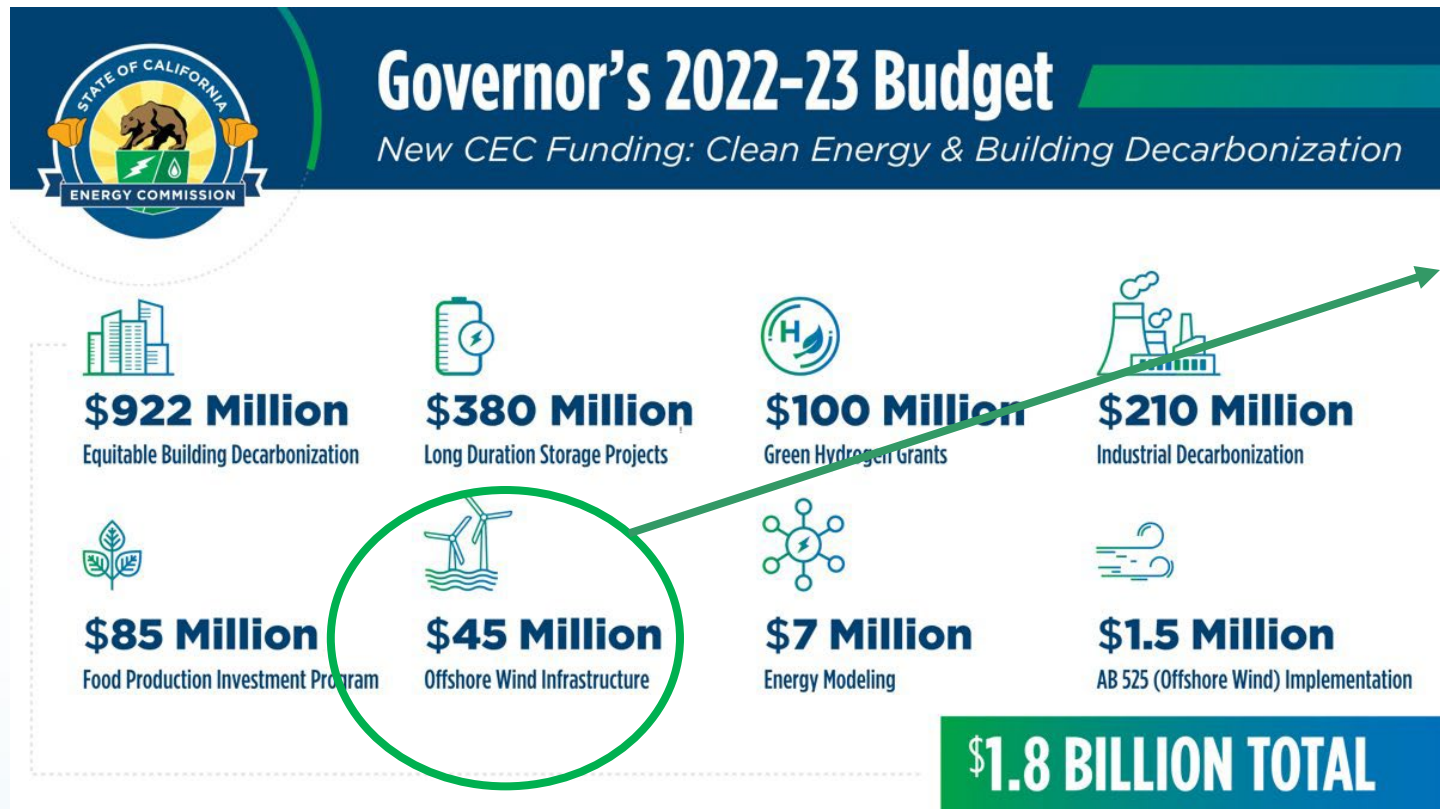
- Public Resources Code (PRC) Section 25660: definitions
- PRC Section 25660.2: CEC's reporting requirements
- PRC Section 25660.4: defines programs or activities
- PRC Section 25661: additional allowable uses of funding

## **Statutes for Program to Support Offshore Wind Infrastructure Improvements**

- PRC Section 25666
- Directs CEC to administer
- Defines eligible applicants
- Creates three categories of funding



# PRC Section 25666 and Budget Act



- Establishes the Program to Support Offshore Wind Infrastructure Improvements to be administered by the CEC. Public Resources Code Section 25666.
- Advances the capabilities of California ports, harbors, and other waterfront facilities to support planning for offshore wind.
- Appropriates \$45 Million to provide incentives to support offshore wind infrastructure improvements.
- Requires the CEC to encumber the funds by June 30, 2025, and to make available for liquidation until June 30, 2029.



# Key Dates

Activity	Date
<b>Solicitation Release</b>	<b>September 30, 2024</b>
<b>Pre-Application Workshop</b>	<b>October 16, 2024, at 10:00 am</b>
<b>Deadline for Written Questions</b>	<b><u>October 22, 2024 at 5:00 pm</u></b>
Anticipated Distribution of Questions and Answers	Week of November 8, 2024
<b>Deadline to Submit Applications</b>	<b><u>November 22, 2024 at 11:59 pm</u></b>
Anticipated Notice of Proposed Award Posting Date	December 2024
Anticipated Energy Commission Business Meeting Date	March 17, 2025
Anticipated Agreement Start Date	April 2025
Anticipated Agreement End Date	On or before March 30, 2029





# **Grant Funding Opportunity (GFO) Background**

- **December 6 and 7, 2022, Bureau of Ocean Energy Management (BOEM) held lease sale auction.**
  - Leases for all 5 areas offered by BOEM in the Pacific Wind Lease Sale 1 (PACW-1) became effective on June 1, 2023.
  - Each of the leaseholders is currently assessing their lease sites and will begin preparing their Construction and Operations Plan (COP) over the next several years.
- **July 10, 2024, CEC approved the Assembly Bill 525 (Chiu, Chapter 231, Statutes of 2021) Offshore Wind Energy Strategic Plan (AB 525 Strategic Plan).**
  - Among other topics, AB 525 directs the CEC to develop a plan to improve ports and waterfront facilities to support offshore wind energy development.



# GFO Background

Existing port infrastructure unable to support OSW industry

Large turbines (12+ MW) and many turbines per projects

Transfer components over water

Staging and Integration sites required for assembly

Multiple port sites needed:  
Manufacturing  
Operation and Maintenance

Potential impacts of port and offshore wind development and community engagement

Port development strategy and early-stage port development programs needed



# Purpose of the GFO and Project Focus

- To fund projects that will plan for offshore wind energy infrastructure improvements that advance the capabilities of California waterfront facilities to support the development and operation of floating offshore wind projects.
- Planning and designing multiple ports, harbors, and waterfront facilities to be able to meet the requirements of the floating offshore wind industry is a key priority of the AB 525 Strategic Plan.
- The projects funded out of this solicitation will support the most immediate planning and design needs for developing offshore wind infrastructure, especially for the staging and integration of floating offshore wind components.
- Two Funding Categories: Category I and Category II



# Available Funding

Project Category	Available Funding	Minimum Award Amount	Maximum Award Amount
Category I	\$ 6,750,000	\$ 750,000	\$ 2,000,000
Category II	\$ 36,000,000	\$ 9,000,000	\$ 27,000,000

**Allowable costs:** For an item to be allowable, it must be included in the approved agreement budget and allowable per the terms and conditions of the resulting agreement.





# Funding Category I

- Category I activities support developing individual or regional retrofit concepts and investment plans.
- Activities may include:
  - Planning, feasibility analysis, business case development,
  - Environmental analyses, engineering and design work, and
  - Other offshore wind energy related planning activities.
- Activities do not include construction.



# Funding Category II

- Category II activities support final design, engineering, environmental studies and review.
- Activities may support a range of advance planning for retrofit activities to support deployment of offshore wind, including:
  - Land expansion for component assembly, staging, and transportation, facility updates such as adding laydown and storage areas, increasing heavy-lift crane weight and height capabilities, and
  - Other improvements to support the long-term operation and maintenance of offshore wind generation facilities, and
  - Other offshore wind energy related design and development activities.



# Funding Category II

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- Category II activities are considered more advanced than Category I activities.
- Applicants applying to Category II must demonstrate that their proposed project will support staging and integration activities, and
- A notice of preparation, pursuant to the California Environmental Quality Act (CEQA), has been issued on or before February 29, 2024, for the project. See Section II.A.1 of the GFO for eligibility requirements for applicants applying to Category II.



# Project Activities

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- The Project Narrative should respond to the Scoring Criteria in Section IV.F. of the GFO.
- The Project Narrative should explain how the Scope of Work, Project Schedule, and Proposal Budget meet the requirements for Project Activities in the GFO manual and must, at minimum, include tasks or subtasks that include those Project Activities.





# Project Activities: Category I & II

- Cost estimate for developing a final project
- Develop and implement a community engagement strategy
- Develop and implement a tribal government consultation and engagement strategy
- Develop an emissions reduction strategy and analysis of net-zero emissions
- Develop a strategy for how the project will support and create good jobs, workforce development pathways, including for underserved communities, and economic development opportunities
- Describe how the project will contribute to the requirements of Assembly Bill (AB) 3
- Prepare a stakeholder engagement strategy that includes, but is not limited to, labor and workforce organizations, floating offshore wind equipment manufacturers, offshore wind developers, environmental organizations, port and harbor users and tenants, and recreational and commercial fishing organizations
- Prepare an agency engagement strategy that includes applicable federal, state, and local agencies



# Project Activities: Category II

- As part of the community engagement strategy and California Native American Tribes engagement and consultation strategy, the tasks must describe how the applicant will work with identified communities and tribes to inform actionable steps to create community and tribal benefits, including, but not limited to agreements with communities and tribes that commit to such benefits.
- The project must allocate appropriate funding for community-based organizations and California Native American Tribes and/or California Tribal Organizations in the Proposal Budget.
- Projects are recommended to allocate a minimum 3 percent of CEC reimbursable funds to each:
  - Local communities, including to a community-based organization for their capacity to participate in project planning
  - California Native American Tribes and/or California Tribal Organizations for their capacity to participate in project planning.



# Eligible Applicants

- California port authorities, port operators, port commissions, and their respective authorized agents, other California waterfront facilities, and other entities that demonstrate a commitment to California offshore wind energy investments and are partnered with a California waterfront facility.
- Applicants must provide to the CEC proof of having site control by submitting adequate documentation of site control and possession.
- Applicants must accept applicable Offshore Wind Energy Waterfront Facility Improvement Program standard grant terms and conditions available online:  
[https://www.energy.ca.gov/sites/default/files/2024-09/OSW\\_Ports\\_Standard\\_Grant\\_Exh\\_C\\_T%26Cs\\_2024-09-25\\_Final\\_ada.docx](https://www.energy.ca.gov/sites/default/files/2024-09/OSW_Ports_Standard_Grant_Exh_C_T%26Cs_2024-09-25_Final_ada.docx)
- Category I applicants can include regional projects (i.e. multiple sites) and site control applies to each site.
- Category II applicants must demonstrate that their proposed project will support staging and integration activities and that a notice of preparation, pursuant to the California Environmental Quality Act (CEQA), has been issued on or before February 29, 2024, for the project.



# Laws, Policies, and Background Documents

- **AB 209** The Energy and Climate Change budget bill of 2022
- **AB 32** Global Warming Solutions Act of 2006
- **SB 32** California Global Warming Solutions Act of 2006
- **SB 350** Clean Energy and Pollution Reduction Act of 2015
- **SB 100** The 100 Percent Clean Energy Act of 2018
- **AB 525** Offshore Wind Generation of 2021
- **AB 3** California Offshore Wind Advancement Act of 2023
- **SB 867** Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024
- **AB 525** Offshore Wind Energy Strategic Plan
- **AB 525** Port Readiness Plan
- **Building California's future: Building equity**
- **Integrated Energy Policy Report (IEPR)**





# Application Requirements

- See Part III of the GFO for page limit requirements for application attachments

Each application must include the following:	
1. Full Application Form (.docx)	8. Scope of Work Template (.docx)
2. Executive Summary From (.docx)	9. Past Projects Information Form (.docx, .pdf)
3. Project Narrative Form (.docx)	10. Commitment and Support Letters Form (requires signature) (.pdf)
4. Project Team Form (.docx, .pdf)	11. Project Performance Metrics
5. Project Schedule (.xlsx)	12. Applicant Declaration (requires signature) (.docx)
6. Proposal Budget (.xlsx)	13. References for Calculating Energy End-Use and GHG Emissions (.xlsx) (as applicable)
7. CEQA Compliance Form (.docx)	

GFO webpage: <https://www.energy.ca.gov/solicitations/2024-09/gfo-24-701-offshore-wind-energy-waterfront-facility-improvement-program>



# Full Application Form (Att 1)

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## Applicant information

- Identification
- Project experience
- Proposed term of project
- Funding

## Project information

- Category
- Title
- Location
- Description
- Partners
- CEQA Compliance



# Executive Summary Form (Att 2)

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- Project description
- Project goals and objectives to be achieved
- Explanation of how the goals and objectives will be achieved, quantified, and measured
- Description of the project tasks
- Overall management of the proposal agreement



# Project Narrative Form (Att 3)

**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 proposed term?
- How will the project lead to deployment of floating offshore wind technology in California?

Project Narrative must address how the Scope of Work, Project Schedule, and Project Budget incorporate the Project Activities as described in Section I.C of the GFO.





# Project Team Form (Att 4)

**Identify all key personnel\* assigned to the project, including:**

- the employees that are employed by the applicant,
- a subrecipient or sub-subrecipient,
- the project manager and principal investigator (if applicable), and
- individuals employed by any major subrecipient.

*\* “Key personnel” are individuals that are critical to the project due to their experience, knowledge, and/or capabilities.*



# Project Schedule (Att 5)

## List of all products, meetings, and due dates.

- The project schedule must include the Project Activities as described in Section 1.C. of the GFO.
- 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.
- Electronic files for the Project Schedule must be in MS Excel file format.



# Proposal Budget Forms (Att 6)

**Identify how the Energy Commission funds, and match funds will be spent to complete the project.**

- Submit all budgets (Prime and Major Subrecipients) as MS Excel attachments.
- Read the instructions tab on the MS Excel Attachment 6 before completing the worksheets.
- Complete and submit information on all budget worksheets.
- The salaries, rates, and other costs entered on the worksheets will become a part of the final agreement.
- See III.C.6. of the GFO and the Proposal Budget Forms attachment for proposal budget form instructions.



# **CEQA Compliance Form (Att 7)**

**The CEQA compliance form facilitates CEC's evaluation of proposed activities under CEQA.**

- State and local agencies must assess potential environmental impacts of proposed actions.
- CEC must approve proposed awards at a business meeting (usually held monthly) prior to June 30, 2025, to avoid expiration of the funds.
- It is critical that applicants organize applications in a manner that minimizes the time required for the CEC to comply with CEQA and provide all CEQA-related information to the CEC in a timely manner such that the CEC is able to complete its review in time for it to meet its encumbrance deadline.
- Failure to complete CEQA process in a timely manner after NOPA may result in cancellation of a proposed award.



# **Scope of Work Template (Att 8)**

**Tell us what you are proposing to do in your project.**

- Identify what will be delivered to the Energy Commission.
- Do not delete standard language as instructed in template.
- Be sure to include in the technical tasks:
  - At least one product deliverable per task.
  - Address Project Activities in Section I.C. of the GFO.

**Review instructions in Scope of Work template.**



# Past Projects Information (Att 9)

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- Provide information about the Applicant and its major subrecipients' past agreements with the CEC and other entities.





# Commitment & Support Letter (Att 10)

- **Commitment letters** are required for entities or individuals that are committing match funding, including the **Applicant** (prime).
- **Commitment letter** required for site commitment.
- **Commitment letter** required for project partners (no CEC funds or match funds).
- **Support letters** describe a project stakeholder's interest or involvement in the project.
- All applicants must submit **at least one** support letter.



# Project Performance Metrics (Att 11)

**Identify and document performance targets for the project.**

- Metrics that provide the most significant indicator of the project's success:
  - Scientific
  - Engineering
  - Techno-economic
- Provide constructive targets for the performance of the project and how the metric will be measured and evaluated, during the project and after the project is complete.



# Applicant Declaration (Att 12)

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- Requests the applicant to make certain declarations under penalty of perjury.
- This form must be signed by an authorized representative of the applicant's organization.



# Calculating Energy End-Use and GHG Emissions (Att 13)

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- Any estimates of energy savings or GHG impacts described in the application should be calculated as specified on this form, to the extent that the references apply to the proposed project.



# Terms and Conditions

- Each grant agreement resulting from this solicitation will include terms and conditions that set forth the grant recipient's rights and responsibilities.
- By submitting an application in the GSS system, each applicant agrees to enter into an agreement with the CEC to conduct the proposed project according to the terms and conditions that correspond to its organization, without negotiation.
- Standard Terms and Conditions on the solicitation webpage: <https://www.energy.ca.gov/solicitations/2024-09/gfo-24-701-offshore-wind-energy-waterfront-facility-improvement-program>
- CEC has reservation of right to cancel proposed award.



# How will my Application be Evaluated?

## Application Screening Process

- Energy Commission staff screens applications per criteria in Section IV.E.
- 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.
- Application contains confidential material.





# How will my Application be Evaluated?

## 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 70.0 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	20
3. Impacts and Benefits for CA	25
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
<b>Total</b>	<b>100</b>
<b>Minimum Points to Pass</b>	<b>70</b>



# 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 preference points.**

Criteria for preference points include:

- Match Funds
- Cost Share for Federal Award

Scoring Criteria	Maximum Points
8. Match Funds	5
9. Cost Share for Federal Award	5
<b>Total Bonus Points</b>	<b>10</b>

### Criteria for Cost Share for Federal Award:

- The application identifies the amount and source of federal funds, including documentation demonstrating the federal commitment.
- The application describes how the federal award is consistent with Category I or Category II activities.
- The application describes risks associated with losing the federal award and explains how CEC funds will be used to complement the federal award.



# GFO Submission Requirements

- Applications must be submitted through the CEC's General Solicitation System (GSS) at: <https://gss.energy.ca.gov/>
- For detailed instructions on application submittal, please see *How to Apply* at: [https://www.energy.ca.gov/sites/default/files/2021-10/GSS\\_How\\_to\\_Apply\\_ADA.pdf](https://www.energy.ca.gov/sites/default/files/2021-10/GSS_How_to_Apply_ADA.pdf)
- Referenced guidance document is available at: <https://www.energy.ca.gov/funding-opportunities/funding-resources> under General Funding Information.
- Questions with the GSS should be directed to the Commission Agreement Officer: [Phil.Dyer@energy.ca.gov](mailto:Phil.Dyer@energy.ca.gov)



# 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.



# Submission Warning

## START THE PROCESS EARLY!

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



# Next Steps After Application Deadline

- **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).





# Key Dates

Activity	Date
<b>Solicitation Release</b>	<b>September 30, 2024</b>
<b>Pre-Application Workshop</b>	<b>October 16, 2024 at 10:00 am</b>
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# Questions and Answers

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- Please chat your question in the Question and Answers window or raise your hand and you will be called on to unmute yourself.
- Please remember to introduce yourself by stating your name and affiliation. (Feature found under the Participants panel).
- CEC staff will post Questions and Answers document on the GFO webpage.



# Public Comment

## In person:

- Line up at the podium

## Zoom:

- Use the “raise hand” feature

## Telephone:

- Dial \*9 to raise your hand
- Staff will call on you to talk
- \*6 to mute/unmute your phone line or use the mute feature on your phone.

## Zoom participants:

- Use the raise hand feature
- Staff will call on you to talk
- Unmute your line
- Alternatively, type your comment in the Q&A window

- Limited to 1 representative per organization.
- Spell your name for the record.

## 3-Minute Timer



# Additional Questions

Please send all inquiries and questions related to GFO-24-701 to:

**Phil Dyer**

**Commission Agreement Officer**

**715 P Street – 3rd Floor, MS-18**

**Sacramento, California, 95814**

**[phil.dyer@energy.ca.gov](mailto:phil.dyer@energy.ca.gov)**

**Deadline to submit written questions:**

**Tuesday, October 22, 2024, 5:00 PM**



# Thank You!