



R&D Opportunities for Offshore Wind Energy in California

Energy Research and Development Division

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March 4, 2020



Housekeeping

Sign-in sheet / Business card sheet

Facilities

In case of emergency

Muting of WebEx

[Workshop Documents can be found at this hyperlink](#)



Workshop Objective

California Energy Commission staff is facilitating this workshop to present the results of the study "Research and Development Opportunities for Offshore Wind Energy in California" and to solicit public comments on the R&D recommendations identified by Navigant team through all activities conducted in this study.

Comments from this workshop will help refine the R&D recommendations and research database.



Study Objective

Supports the process of identifying R&D opportunities to remove or reduce technological, manufacturing, logistics, and supply chain barriers to deployment and lower development risk of offshore energy projects in California, and to identify early pilot demonstration opportunities.

This study will serve as support to the development of research efforts on potential OSW funding initiatives under our Electric Program Investment Charge (EPIC) program.



CEC Administered EPIC Funding

Applied Research and Development

Applied Research and Development includes activities to support pre-commercial technologies and approaches at applied lab-level or pilot-level stages.

Technology Demonstration and Deployment

Technology Demonstration and Deployment involves installation and operation of pre-commercial technologies or strategies at a scale that will reflect actual operating, performance, and financial characteristics and risks.

Market Facilitation

Market Facilitation focuses on a range of activities, such as commercialization assistance, local government regulatory assistance and streamlining, market analysis, and program evaluation to support deployment and expand access to clean energy technology and strategies.



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A banner for Empower Innovation with a background of wind turbines. The text "EMPOWER INNOVATION" is in the top left, followed by navigation links: "COMMUNITY EVENTS FUNDING RESOURCES ABOUT". The main headline reads "CATALYZING THE CLEANTECH COMMUNITY" in large white letters, with a vertical orange bar to the left of "THE CLEANTECH". At the bottom left, it says "JOIN NOW →".

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A screenshot of the California Energy Commission's Facebook profile. The cover photo shows wind turbines on a hill. The profile picture is the state logo. The name is "California Energy Commission" and the category is "Government Organization". Interaction buttons for "Liked", "Following", and "Message" are visible. Navigation tabs for "Timeline", "About", "Photos", "Reviews", and "More" are at the bottom.



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Draft Report

[Click here](#) to download the Draft report to review it and submit your written comments.

Written comments will be received by the Energy Commission through March 20, 2020.



CALIFORNIA
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natural
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AGENCY

California Energy Commission

CONSULTANT REPORT

**Research and
Development
Opportunities for Offshore
Wind Energy in California
– DRAFT REPORT**

Prepared for: **California Energy Commission**
Prepared by: **Navigant, a Guidehouse Company**

Gavin Newsom, Governor

March 2020 | CEC-XXX-XXXX-XXX



Submitting Comments

Add Comment

Docket #: 19-ERDD-01 Project Title: Research Idea Exchange

Fields denoted by an asterisk (*) are required.

Please go to CEC electronic commenting system

[Click here](#)

Contact Information

Full Name * Business or Entity Name or Your Name (if filing for yourself)

Contact Address

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Role in this Proceeding

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Subject(s) [select one or more](#)

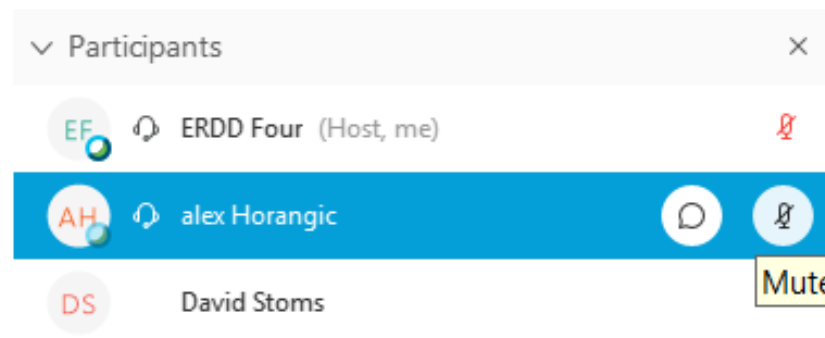
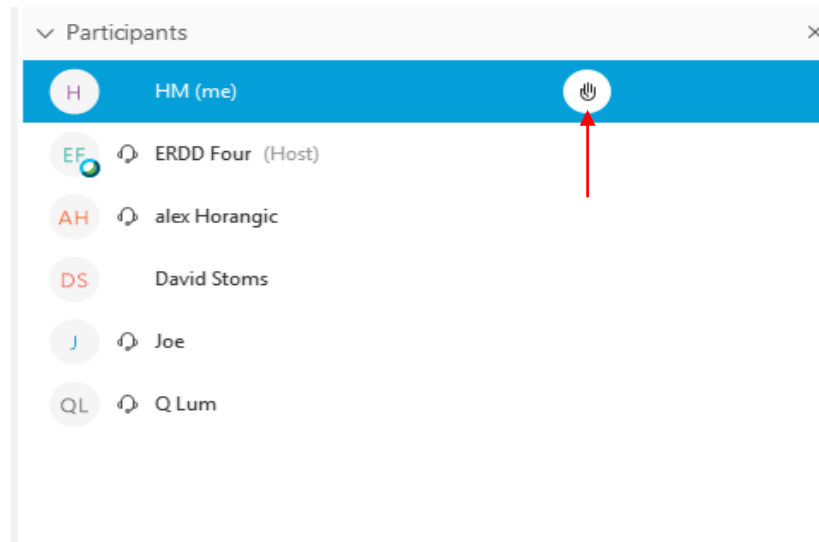
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Comment Text [not required if you include a document attachment](#)

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WebEx Participants – Q&A Session





Questions

Do the identified **barriers** accurately capture primary the obstacles to California offshore wind deployment?

Do the identified **recommendations** capture high priority research, development, and deployment (RD&D) opportunities specific to the California market?

What **innovative technical solutions** can facilitate the increased cost-competitiveness of offshore wind projects in CA?

How can energy **RD&D funds** support the demonstration and validation of floating platforms in California?

Are there additional research initiatives for inclusion in the **Research Database**? How often and how should the OSW research database be updated?



Conclusion

[Click here to download the Draft Study](#)

[Click here to go to CEC electronic commenting system](#)

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20, 2020.**