

DOCKETED

Docket Number:	19-ERDD-01
Project Title:	Research Idea Exchange
TN #:	232034
Document Title:	Research and Development Opportunities for Floating Offshore Wind Energy in California
Description:	Notice of public workshop "Research and Development Opportunities for Floating Offshore Wind Energy in California" to be conducted by California Energy Commission staff and Navigant, a Guidehouse Company to present the results of the study "Research and Development Opportunities for Offshore Wind Energy in California."
Filer:	Silvia Palma-Rojas
Organization:	California Energy Commission
Submitter Role:	Energy Commission
Submission Date:	2/14/2020 8:48:18 AM
Docketed Date:	2/14/2020



IN THE MATTER OF:)	Docket No. 19-ERDD-01
)	
Presentation of Research and Development Opportunities for Offshore Wind Energy in California.)	Workshop
)	RE: Research and Development Opportunities for Floating Offshore Wind Energy in California
)	

NOTICE OF STAFF WORKSHOP

California Energy Commission (CEC) staff and Navigant, a Guidehouse Company will present the results of the study “*Research and Development Opportunities for Offshore Wind Energy in California*” under Electric Program Investment Charge (EPIC) contract NAV-15-036. This study identifies research and development (R&D) opportunities for offshore wind energy (OSW) to remove technological, manufacturing, logistics, and supply chain barriers to facilitate the deployment of OSW projects in California. This webinar will open the discussion to the public.

**Wednesday, March 4, 2020
10:00 a.m.**

**Warren-Alquist State Energy Building
1516 Ninth Street
1st Floor, Art Rosenfeld Hearing Room
Sacramento, California 95814
(Wheelchair Accessible)**

Remote access is available by computer or phone via WebEx.™
(Instructions below.)

Agenda

The webinar will contain presentations and discussions led by CEC staff and Navigant.

Discussion includes:

- Technology and Market Overview
- Case Study Lessons
- Expert and Stakeholder Interview Results
- Offshore Wind Market Barriers
- Offshore Wind R&D Recommendations

A detailed meeting schedule will be available prior to the workshop at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-ERDD-01>.

Background

In 2019, the CEC contracted Navigant to conduct a study that identifies R&D opportunities and market barriers that support the deployment of OSW projects in California. Offshore wind is considered as a promising resource for the implementation of Senate Bill 100 (de León, Chapter 312, Statutes of 2018). While no generation or procurement contracts exist, there is considerable resource potential. For instance, the National Renewable Energy Laboratory identified a technical resource capacity of 112 gigawatts of OSW for California, with 96 percent of this resource in water deeper than 60 meters, where floating platform technology is more suitable to support wind turbines.¹

In this study, Navigant:

- Analyzed the potential OSW market by conducting literature review, developing case studies, and interviewing stakeholders.
- Identified market barriers and R&D opportunities based on continued literature review, expert and stakeholders interviews, consultation with the Technical Advisory Committee and feedback from the CEC.
- Developed the report that includes the selected R&D opportunities.

Public comments are requested on OSW technology and environmental research recommendations.

Stakeholder Input Request

Stakeholder and public input is requested on OSW technology and environmental research recommendations.

The draft final report will be available prior to the March 4, 2020, workshop at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-ERDD-01>.

Public Comment

Oral comments: Oral comments will be accepted during the workshop. Comments may be limited to three minutes per speaker. Any comments may become part of the public record for this proceeding.

Written comments: Written comments must be submitted by **5:00 p.m.** on

¹ Referencing technical offshore energy potential, per NREL's Potential Offshore Wind Energy Areas in California study from 2016 <https://www.boem.gov/2016-074/>

March 13, 2020. Written comments will also be accepted at the workshop; however, the CEC may not have time to review them before the conclusion of the meeting. Written and oral comments, attachments, and associated contact information (e.g. address, phone number, email address) become part of the viewable public record. This information may also become available via any Internet search engine.

The CEC encourages use of its electronic commenting system. Visit <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=19-ERDD-01>, which links to the comment page for this docket. Select or enter a proceeding to be taken to the “Add Comment” page. Enter your contact information and a comment title describing the subject of your comment(s). Comments may be included in the “Comment Text” box or attached in a downloadable, searchable Microsoft® Word (.doc, .docx) or Adobe® Acrobat® (.pdf) file. Maximum file size is 10 MB.

Written comments may also be submitted by email. Include docket number 19-ERDD-01 in the subject line and send to docket@energy.ca.gov.

If preferred, a paper copy may be submitted to:

California Energy Commission
Docket Unit, MS-4
Docket No. 19-ERDD-01
1516 Ninth Street
Sacramento, CA 95814-5512

Public Advisor and Other Commission Contacts

The CEC’s Public Advisor’s Office provides the public assistance in participating in CEC proceedings. For information on how to participate in this forum, or to request language services or other reasonable accommodations, please contact the Public Advisor, Noemí O. Gallardo, at PublicAdvisor@energy.ca.gov, or by phone at (916) 654-4489, or toll free at (800) 822-6228, or via fax at (916) 654-4493. Requests for language services and reasonable accommodations should be made at least five days in advance. The CEC will work diligently to accommodate late requests.

Media inquiries should be directed to the Media and Public Communications Office at MediaOffice@energy.ca.gov or (916) 654-4989.

Questions on the subject matter of this meeting, should be directed to Silvia Palma-Rojas at Silvia.Palma-Rojas@energy.ca.gov or (916) 327-1716.

Remote Attendance

WebEx is the CEC's online meeting service. When attending remotely, presentations will appear on your computer/laptop/mobile device screen and audio may be heard via the device or telephone. Please be aware that the WebEx meeting may be recorded. WebEx technical support is available at 1-866-229-3239.

Via Computer: Go to <https://energy.webex.com/ec>. If this event is listed, click “Join.” If not, click the “Unlisted Events” on the left of your screen and enter Event Number **922 374 340**. When prompted, enter your name and email address.

Password:**offshore@2020**.

The “Join Conference” menu offers a choice of audio connections:

1. To call into the meeting, select "I will call in" and follow the on-screen directions.
2. International attendees, select "Global call-in number."
3. To have WebEx call you, enter your phone number and click “Call Me.” This step will not work if your number has an extension.
4. For Internet audio: If you have a broadband connection, a headset, or a computer microphone and speakers, you may use VoIP (Internet audio). Go to the audio menu and click “Use Computer Headset,” then “Call Using Computer.”

Via Telephone: (no visual presentation): Call 1-866-469-3239 (toll free in the U.S. and Canada) and when prompted, enter the meeting number above. International callers may select a number from <https://energy.webex.com/energy/globalcallin.php>.

Via Mobile Device: Download the application from www.webex.com/products/web-conferencing/mobile.html.

Muting: We greatly appreciate your cooperation in reducing background noise on the audio connection by muting your line when you are not speaking. Mute your line rather than placing your phone on hold. Using WebEx, right click on your name in the panelists or attendees list and select “Mute.” If you are using a telephone connection, press “*6” once to mute and again to unmute.

Availability of Documents

Documents and presentations for this meeting will be available at <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-ERDD-01>.

Dated: February 14, 2020, at Sacramento, California

Laurie ten Hope
Deputy Director
Energy Research and Development Division

Mail Lists:
Epic, research, renewable, offshoreenergy, wind