

DOCKETED	
Docket Number:	19-ERDD-01
Project Title:	Research Idea Exchange
TN #:	232477
Document Title:	National Offshore Wind Research and Development Consortium Comments - Draft Report - Research and Development Opportunities for Offshore Wind Energy in California
Description:	N/A
Filer:	System
Organization:	National Offshore Wind Research and Development Consortium
Submitter Role:	Public
Submission Date:	3/20/2020 1:49:59 PM
Docketed Date:	3/20/2020

Comment Received From: National Offshore Wind Research and Development Consortium

Submitted On: 3/20/2020

Docket Number: 19-ERDD-01

Draft Report - Research and Development Opportunities for Offshore Wind Energy in California

Additional submitted attachment is included below.



March 20, 2020

Submitted via <https://efiling.energy.ca.gov/>

California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

Re: Docket No. 19-ERDD-01, Comments in Response to “Draft Report - Research and Development Opportunities for Offshore Wind Energy in California”

To Whom It May Concern:

On behalf of the National Offshore Wind Research and Development Consortium, we are submitting comments in response to the California Energy Commission’s “Draft Report - Research and Development Opportunities for Offshore Wind Energy in California” to express our support for initiatives that address barriers to the implementation of offshore wind in the United States.

Thank you for the opportunity to submit comments on the “Draft Report - Research and Development Opportunities for Offshore Wind Energy in California.” Please do not hesitate to contact Christine Hirt to provide further information.

Sincerely,

National Offshore Wind Research and Development Consortium
Christine Hirt
Program Manager
Christine.Hirt@nationaloffshorewind.org
631-521-1100



The National Offshore Wind Research and Development Consortium (Consortium) is a nationally focused, independent, not-for-profit organization led by key offshore wind industry stakeholders and research institutions. The Consortium is dedicated to managing industry-focused research and development in offshore wind to maximize economic benefits for the United States.

The goals of the Consortium, detailed below, are well-aligned with the California Energy Commission's *Research and Development Opportunities for Offshore Wind Energy in California* Draft Report.

REDUCE COST AND RISK OF OFFSHORE WIND

The goal of the Consortium is to prioritize, support, and promote research and development activities that reduce the cost and risk of offshore wind development projects throughout the nation while supporting U.S.-based manufacturing and the offshore wind supply chain.

ADDRESS BARRIERS TO IMPLEMENTATION

The Consortium supports initiatives akin to those recommended in the Draft Report that address specific barriers to the implementation of offshore wind in the United States. Key elements of the Consortium's approach include:

- Research project awards through competitive solicitations
- Establishment of diverse advisory groups made up of research partners, investors, manufacturers, and other key industry stakeholders
- Development of a prioritized national research strategy for incorporating stakeholder input
- Regular engagement with stakeholders and advisory groups
- Leadership by an independent board of directors made up of public and private sponsors including offshore wind developers, as well as representatives from U.S. national labs and utilities

The Consortium prioritizes research directly applicable to the technical barriers faced by offshore wind developers, original equipment manufacturers (OEMs), and the supply chain. Industry, academia, and national laboratories have been enlisted to support Consortium initiatives targeting barriers that slow the adoption of offshore wind technologies, including cost. By working closely with end-users, the Consortium encourages the pursuit of technical solutions that reduce U.S. offshore wind levelized cost of electricity (LCOE) and increase opportunities for the U.S. manufacturing and supply chain establishment.

The Consortium published its initial Research and Development Roadmap, establishing a long-term vision for offshore wind technology development focused on three research pillars, which overlap with the Draft Report's recommendations:

- Offshore Wind Plant Technology Advancement
- Offshore Wind Power Resource and Physical Site Characterization
- Installation, Operations and Maintenance, and Supply Chain

MAJOR PARTICIPANTS

The Consortium's Board members are leaders in the offshore wind industry. Building on successful European models, the Consortium continues to engage private sector support that will allow it to continue its work well beyond its initial four-year federal award period.

MEMBERSHIP

The Consortium appreciates this draft report and the focus on the unique challenges California faces in the implementation of offshore wind. The membership of our public sponsors is key to identifying local barriers and opportunities and guiding the efforts needed to enhance offshore wind development. Currently, these public sponsors include:

The United States Department of Energy (DOE)

New York State Energy Research and Development Authority (NYSERDA)

Virginia Department of Mines, Minerals and Energy (DMME)

Massachusetts Clean Energy Center (MassCEC)

Maryland Energy Administration (MEA)

More information on Consortium leadership, staff, guiding principles, solicitations and outreach efforts can be found at <http://nationaloffshorewind.org>.