

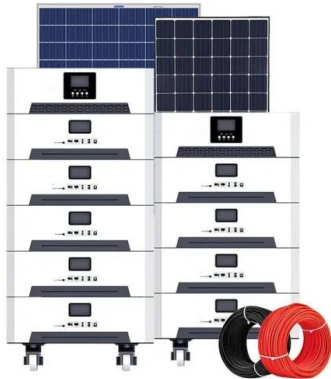
# Boem renewable energy studies





## Boem renewable energy studies

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### Renewable Energy , Bureau of Ocean Energy Management

The Office of Renewable Energy Programs facilitates the responsible development of renewable energy resources on the Outer Continental Shelf through conscientious planning, stakeholder ...

### Lease and Grant Information

Leasing Studies/Reports BOEM has studied different auction systems for issuing renewable energy leases, easements, and rights-of-way on the Outer Continental Shelf (OCS). BOEM issued a contract to Power Auctions, LLC to study different types of auctions



### Electromagnetic Fields (EMF) and Environmental Risk Studies ...

Studies Supported by BOEM California Ocean Renewable Energy Conference November 2, 2016 Dr. Ann Scarborough Bull Chief, Environmental Sciences Section BOEM Pacific OCS Region Accomplished via Power Transmission Cables

### Current Environmental & Technical Studies

This table lists current environmental and technical studies in the Pacific Outer Continental Shelf (offshore California, Oregon, Washington, Hawai'i, and U.S. Pacific Territories). Current studies include ongoing studies (in progress) and recently awarded studies.



### Renewable Energy

The Pacific Region works closely with states and other stakeholders to facilitate offshore renewable energy development off the West Coast, Hawai'i and Pacific U.S. Territories. The Region also coordinates OCS renewable energy

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### Oregon Wind Energy Areas

During the comment period, BOEM held an intergovernmental renewable energy task force meeting, an informational fishing webinar and in-person public meetings on the Oregon coast to discuss data used to inform the draft wind energy areas and next steps.



### [Environmental Studies For Rhode Island](#)

Following are some of the studies funded by BOEM to collect information about the marine environment to support decisions concerning offshore renewable energy development. Ongoing Exploring the Connectivity Among Offshore Wind Turbines Marine Mammal and





### Risk Assessment to Model Encounter Rates Between Large ...

With development of offshore wind projects, the Bureau of Ocean Energy Management (BOEM) must evaluate the associated environmental risks. One such risk is the potential impacts of ...

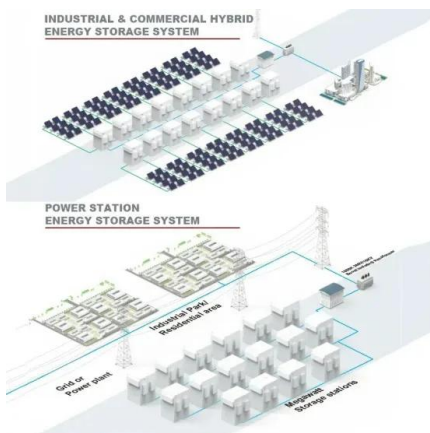


### Historic Preservation Activities and Offshore Renewable Energy

Pacific Region renewable energy activities  
BOEM's Environmental Studies Program Contact  
renewable\_reporting@boem.gov OREP/Atlantic  
Regional Historic Preservation Officer Bureau of  
Ocean Energy Management Office of Renewable  
Energy 703-787-1549

### Equity Considerations for Renewable Energy Technologies in ...

The Bureau of Ocean Energy Management's (BOEM's) authority to regulate renewable energy projects extends from the state/federal boundary at 3 nautical miles from shore out to the 200 ...



### [Environmental Studies Program: Ongoing Study](#)

Environmental Studies Program: Ongoing Study  
BOEM Information Needs: The development of a renewable energy program in Alaska would support current priorities identified in Executive Order 14008, Tackling the Climate Crisis at Home and Abroad, by advancing



Environmental Studies Planning

BOEM has formulated its Fiscal Year 2025-2026 Studies Development Plan covering all BOEM energy and minerals activities. It includes studies proposed for Alaska, Atlantic, Gulf of Mexico, and Pacific OCS areas.



**California Activities**

California Ocean Renewable Energy Conference (November 1-2, 2016) BOEM-NREL 2014 Ocean Renewable Energy Workshop (July 29-30, 2014) Environmental Studies BOEM has funded or considered numerous studies to collect information about the marine

Environmental Studies For Maryland

Following are some of the studies funded by BOEM to collect information about the marine environment to support decisions concerning offshore renewable energy development. Ongoing Offshore Wind Impacts on Oceanographic Processes: North Carolina to New



**Oregon Activities**

BOEM Postpones Oregon Offshore Wind Energy Auction (September 27, 2024) Final Sale Notice On August 29, 2024, the Department of Interior announced the Final Sale Notice (FSN) for offshore wind leasing on the Outer Continental Shelf (OCS) offshore Oregon.



 LFP 12V 200Ah



## Tribal Engagement , Bureau of Ocean Energy Management

Many Native Americans live near and use areas where BOEM activities are proposed and conducted. The ancestors of today's Tribes occupied vast areas of land and depended on nearby ocean resources prior to sea level rise at the end of the last ice age, predating Tribal interaction with the U.S. government. Furthermore, it is important to note the impact that the history of ...



## 2023 Environmental Studies Year in Review Report Now Available

BOEM is pleased to announce that the 2023 Environmental Studies Program (ESP) Year in Review report is now available. The ESP Year in Review summarizes the environmental studies BOEM published from October 2022 through December 2023. It provides concise descriptions of each study's purpose and findings, and how BOEM will use the ...

## Renewable Energy GIS Data

The Renewable Energy Program develops, maintains and uses GIS data for a wide range of activities related to planning, assessment and environmental review of renewable energy projects on the Outer Continental Shelf. BOEM Funded Studies Hourly Wind Speed



## Overview of BOEM Studies Program and Region specific Studies ...

In September 2024, the Bureau of Ocean Energy Management (BOEM) Guam Intergovernmental Renewable Energy Task Force ("Task Force"), reflects a partnership between federal, territory, and local agencies, as well as offices who regularly ...



### Ongoing Studies

Archaeological Studies in Support of Renewable Energy Development on the Atlantic Outer Continental Shelf. The objective of this study is to collaboratively obtain limited baseline archaeological data near and within WEAs, wind planning areas, and associated



### Environmental Consultations and Offshore Renewable Energy

The completed and ongoing renewable energy studies will inform our understanding of the ecology of the Atlantic OCS and improve the ability to avoid impacts from offshore renewable energy projects. Examples include measuring noise from pile driving, assessing fish movements near transmission cables, and movements and habitat use by marine mammals, birds and fish ...

### Atlantic Offshore Wind Energy Development: Values and ...

To download a PDF file of this report, go to the US Department of the Interior, Bureau of Ocean Energy Management Data and Information Systems webpage ...



### Environmental Studies For North Carolina , Bureau of Ocean Energy

Following are some of the studies funded by BOEM to collect information about the marine environment to support decisions concerning offshore renewable energy development. Ongoing Offshore Wind Impacts on Oceanographic Processes: North Carolina to New



### [Renewable Energy Fact Sheet](#)

While BOEM's off shore renewable energy portfolio consists of several resources-including ocean wave and critical data gaps and fund studies on areas for renewable energy development where physical and biological environment information may be lacking.



### Renewable Energy on the Outer Continental Shelf

BOEM is responsible for offshore renewable energy development in Federal waters. The program began in 2009, when the Department of the Interior (DOI) announced the final regulations for the Outer Continental Shelf (OCS) Renewable Energy Program, which was





### Alaska's Wind, Wave, Tidal Resources Could Help ...

Their new report, "Feasibility Study for Renewable Energy Technologies in Alaska Offshore Waters," was conducted for the Bureau of Ocean Energy Management (BOEM) to evaluate the feasibility of ocean ...

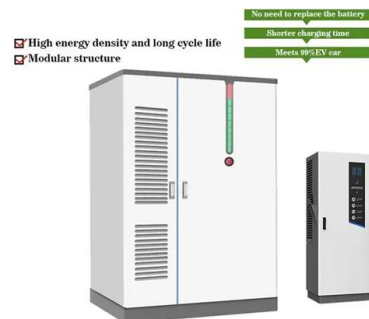


### Renewable Energy Research Ongoing Studies

BOEM-funded research continues to contribute to the growing body of scientific knowledge on the marine environment and informs BOEM's decision-making regarding renewable energy ...

### Availability of Two New Studies on Renewable Energy in the Gulf ...

The Bureau of Ocean Energy Management (BOEM), Gulf of Mexico OCS office is pleased to announce the availability of two new studies on renewable energy in the Gulf of Mexico. The National Renewable Energy Laboratory (NREL) researchers helped undertake these studies, funded by BOEM's Environmental Studies Program.



### Guam Activities

You're Invited: BOEM Guam Intergovernmental Renewable Energy Task Force Meeting BOEM's inaugural Guam Intergovernmental Renewable Energy Task Force meeting will be held on Sept. 11, 2024, in-person in Guam with a virtual option.



## **BOEM FY2020 Technical Studies Reports on Offshore Renewable Energy ...**

We are pleased to share some of BOEM's technical studies that were completed in 2020. The information contained in these studies will help BOEM develop best management practices and regulatory guidance for the offshore renewable energy industry.



## **Contact Us**

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<https://vdbconstruction.co.za>