



Exploring the Feasibility of Offshore Wind Energy for the California North Coast

Session 1: Energy Production and Delivery, and Economic Development

Monday, September 14, 2020 | 2:00 PM - 5:00 PM PST

Register at schatzcenter.org/wind

Session Goals

- Engage the north coast community and others interested in renewable energy in a collaborative discussion about the feasibility of offshore wind energy for the California north coast, and its potential to contribute to California's clean energy and climate goals.
 - Provide an overview of the offshore wind studies recently conducted by the Schatz Energy Research Center at Humboldt State University and partners. Engage in a conversation with the community about how these studies may help to inform local, state, and federal policy discussions.
 - Share report findings regarding: the offshore wind generation capacity on California's north coast; challenges related to the limited capacity of existing local transmission infrastructure; the economic viability of wind development; and potential economic and employment benefits.
 - Share community knowledge and perspectives about exploring local offshore wind energy development.
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Agenda

Welcome & Goals (2:00 pm - 2:30 pm)

Introduce the Schatz Center and project partners, and welcome participants. Review the webinar goals and format in order to create a shared understanding of intentions and anticipated outcomes.

Opening Remarks: Arne Jacobson, Director, Schatz Energy Research Center, Humboldt State University; Karen Douglas, Commissioner, California Energy Commission; Necy Sumait, Chief, Renewable Energy, Pacific Region, Bureau of Ocean Energy Management

Understanding the Offshore Wind Energy Landscape (2:30 pm - 2:50 pm)

Present an overview of offshore wind technology, including key elements of a floating wind farm. Discuss how offshore wind could contribute to California's clean energy and climate targets. Share information about the Schatz Center's offshore wind energy studies, including their purpose and scope.

Presentation: Arne Jacobson, Director, Schatz Energy Research Center, Humboldt State University

Exploring Research Findings Related to Power Generation, Transmission, and Economic Development (2:50 pm - 3:50 pm)

Present results on the potential for wind farms off Humboldt Bay to generate electricity for the California grid, including requirements and challenges for delivering electric power from the north coast to other parts of the state. Present findings about the economic viability of offshore wind in this region, and opportunities for economic and job development. Learn from a panel of diverse community members regarding their impressions of the research and its implications.

Presentation: Mark Severy, Previously Wind Studies Project Manager, Schatz Energy Research Center, Humboldt State University, now at Pacific Northwest National Laboratory

Panelists: Donna Wright, Eureka Chamber of Commerce; Jason Ramos, Blue Lake Rancheria; Neil Raffan, California Public Utilities Commission; Marco Rios, Pacific Gas & Electric; Matthew Marshall, Redwood Coast Energy Authority

Community Discussion (3:50 pm - 4:45 pm)

Engage in a productive and collaborative discussion with webinar participants to learn of their insights and questions related to energy production and delivery as well as economic development.

Next Steps and Participant Feedback (4:45 pm - 5:00 pm)

Share information about next steps for the north coast offshore wind feasibility studies, and details on next week's webinar. Receive feedback from participants about their experience and recommendations for the webinar series.

Notes

[Strategic Earth Consulting](#), funded by the Schatz Center, will provide third-party, neutral facilitation of the webinar series and support webinar summary development. Webinar agendas may be updated at the discretion of the facilitation team based on the needs of the participants and discussion. For more information about these webinars or to download copies of the study reports, please visit schatzcenter.org/wind or contact windstudies@schatzcenter.org.

The California North Coast Offshore Wind Studies are funded by the Ocean Protection Council of the California Natural Resources Agency, the Office of Planning and Research of the California Governor's Office, and the Federal Bureau of Ocean Energy Management. Pacific Gas & Electric provided in-kind analytical support for the interconnection feasibility study. Research collaborators include Mott MacDonald, H.T. Harvey & Associates, Steve Hackett, Mark Hemphill-Haley, Eileen Hemphill-Haley, and Laurie Richmond.