OFFSHORE WIND: PERMITTING AND PROCESSES

June 23, 2020
Online | Central Time

EUCI ONLINE COURSE

EUCI is pleased to offer this virtual course on its online interactive platform. Enjoy a valuable learning experience with a smaller impact on your time and budget. You will gain new knowledge, skills, and hands-on experience in just one day from the comfort of your remote location.
OVERVIEW

As the offshore wind market gains traction, project developers must navigate the environmental review and permitting process, focusing on laws such as the National Environmental Policy Act (NEPA), the Endangered Species Act (ESA), but they must also manage the various stakeholder issues that can affect the trajectory of a project. Developers and project managers must meet the various legalities, while also creating a solid record of engagement to withstand legal challenges.

This course will bring together offshore wind permitting and environmental experts to discuss best practices to ensure that projects can move smoothly through the permitting process.

LEARNING OUTCOMES

This course will provide attendees an opportunity to:

- Review the up-to-the-minute policies for offshore wind permitting
- Get a deep dive into the BOEM process and timelines
- Discuss strategies for successful monitoring and mitigation
- Identify how to leverage lessons learned from the Europeans and other sectors
- Explore best practices for engagement with conflicting ocean users
- Demonstrate best practices and provisions for moving projects through the permitting process

WHO SHOULD ATTEND

- Offshore Wind Project Developers
- Offshore Wind Project Managers
- Utility Leaders
- Asset Owners
- Wind Turbine OEMs
- Electric Cable OEMs
- Contractors
- Consultants
- Government Agencies
- Maritime Support Entities

“I appreciated that EUCI provided valuable training during the COVID-19 situation.”

Senior Electrical Engineer, NiSource

“I was skeptical about the remote learning platform but in fact I found this to be more efficient and overall better than an in person class!!! It was nice to be able to type questions out and have them answered at a good point in the discussion instead of derailing the presentation.”

Deputy Director, City of Naperville - Electric Utility
AGENDA

TUESDAY, JUNE 23, 2020 - CENTRAL TIME

8:45 – 9:00 am   Log in
9:00 am – 4:00 pm  Course Timing
12:00 – 1:00 pm  Lunch Break

*Short breaks every hour*

**Session 1: Project Update and Lessons Learned**
Offshore Wind has become a massive industry, but currently there is only one project operational in the United States. What do we know now about the permitting process? How can we leverage lessons learned from the Europeans and the wind sector at large, as well as from other sectors?

- Putting best practices into place
- Data transferability
- BOEM process & timelines

**Session 2: Policy & Permitting**
What does the law really require for permitting of new offshore wind projects? During this session, instructors will take a deep dive into the current regulations: Many federal laws require decisions to be based on "best-available science". What does that mean for project developers? To what extent will permitting offshore projects require new studies? What is required by law versus what might be best practice to avoid unnecessary opposition?

- Incorporating uncertainty and strategic thinking into the planning & permitting process
- The appropriateness of the precautionary principle in the age of climate change
- Monitoring and mitigation

**Session 3: Socioeconomic Factors in Offshore Wind Permitting**
Another aspect of the permitting process that requires significant attention is proper engagement with conflicting ocean users. This session will outline best practices to involve and engage NGOs, as well as how to best address issues with existing ocean users/uses such as:

- Fishing
- Department of Defense
- Existing subsea cables and transit routes
- Tribal concerns

Q&A
INSTRUCTORS

Jason Busch  
**Executive Director, Pacific Ocean Energy Trust**

Jason Busch is Executive Director of the Pacific Ocean Energy Trust (POET), an organization that supports the responsible development of marine energy on the West Coast. Mr. Busch is also a co-chair of the Marine Energy Council, the national trade group for the marine hydrokinetic energy sector. He is also on the Energy Trust of Oregon’s Renewable Energy Advisory Committee, Oregon Department of Land Conservation and Development Territorial Sea Plan Rulemaking Project Committee, the Northwest National Marine Renewable Energy Center Advisory Council, and the Department of State Lands Rulemaking Advisory Committee. He has multiple publications, including a chapter in Climate Change Impacts on Ocean and Coastal Law, published by Oxford University Press.

Prior to joining POET, Mr. Busch was Principal at Sustainable Legal Solutions LLC, where he provided legal services specializing in renewable energy company start-ups and project development. Previously, he was an attorney for Ater Wynne and Stoel Rives in Portland, Oregon.

Justin Klure  
**Partner, Pacific Energy Ventures**

Justin Klure is a managing partner with Pacific Energy Ventures (PEV) a consulting firm focused on project development and technology transfer, utility integration, strategic management, and governmental affairs. PEV specializes in the commercialization of early stage technologies, advancing new market concepts and developing public-private partnerships in the emerging renewable energy sector. Justin has spent the majority of his career delivering new energy technologies into various markets, serving as a senior policy advisor for over ten years at the Oregon Department of Energy.

Sharon Kramer  
**Senior Fish Ecologist and Principal, H.T. Harvey & Associates**

Dr. Sharon Kramer received her Ph.D. in Marine Biology from Scripps Institution of Oceanography and has over 25 years of experience in aquatic ecology and fisheries biology, including extensive field research in marine ecosystems in the Pacific Northwest, California, Australia, and Hawaii. Sharon has worked in aquatic resource management and policy as a staff biologist with National Marine Fisheries Service and U.S. Fish and Wildlife Service. She is a Senior Aquatic Ecologist and Principal at H. T. Harvey & Associates, where she focuses on environmental permitting/licensing, environmental effect assessments, and planning/feasibility studies for marine renewable energy projects.
Sandy Aylesworth  
**Ocean Advocate, Natural Resources Defense Council**

Sandy Aylesworth advocates for policies that protect and restore our oceans. Prior to joining NRDC, she worked on climate change mitigation through the Montreal Protocol at the U.S. Department of State and was a Knauss Marine Policy Fellow at NOAA's Office of Legislative and Intergovernmental Affairs. Over the course of her nine-year career as a captain and mate, she became intimately familiar with the oceans on voyages in French Polynesia, Mexico, the United States, and the Caribbean. Aylesworth also served in the U.S. Antarctic Program on seven oceanographic cruises. She holds a master's of environmental management from the Yale School of Forestry and Environmental Studies and a 500 Ton Ocean Master license.

Brian Krevor  
**NEPA Team Lead, BOEM**

Brian serves as the team lead for the Office of Renewable Energy Program's (OREP) environmental coordinators. Brian has led multidisciplinary teams of BOEM subject-matter experts in the preparation and review of National Environmental Policy Act (NEPA) and other environmental compliance documents for wind energy projects offshore Massachusetts (including the Vineyard Wind Draft Environmental Impact Statement) and North Carolina. Brian is currently the environmental lead for the Ocean Wind project offshore New Jersey. In addition, he serves as the OREP lead for compliance with the Coastal Zone Management Act (CZMA). Brian has also managed several studies examining the visual and socioeconomic impacts of offshore wind facilities.

Thomas Gates, Ph.D.  
**Tribal Liaison, California Energy Commission**

Dr. Thomas Gates is the Tribal Liaison for the Tribal Program at the California Energy Commission. He works to ensuring effective consultation between the Energy Commission and tribes to advance the Energy Commission's mission and provide meaningful tribal input into the development of regulations, rules, policies, plans, and activities that may affect them.
ONLINE COURSE DELIVERY & PARTICIPATION DETAILS

We will be using Microsoft Teams to facilitate your participation in the upcoming event. You do not need to have an existing Teams account in order to participate in the broadcast – the course will play in your browser and you will have the option of using a microphone to speak with the room and ask questions, or type any questions in via the chat window and our online administrator will relay your question to the instructor.

- You will receive a meeting invitation which will include a link to join the meeting.
- Separate meeting invitations will be sent for the morning and afternoon sessions of the course.
  - You will need to join the appropriate meeting at the appropriate time.
- If you are using a microphone, please ensure that it is muted until such time as you need to ask a question.
- The remote meeting connection will be open approximately 30 minutes before the start of the course. We encourage you to connect as early as possible in case you experience any unforeseen problems.

REQUIREMENTS FOR SUCCESSFUL COMPLETION

Participants must login for the entirety of the course to be eligible for continuing education credit.

INSTRUCTIONAL METHODS

PowerPoint presentations, video, and Q&A will be used in the program.

IACET CREDITS

EUCI has been accredited as an Authorized Provider by the International Association for Continuing Education and Training (IACET). In obtaining this accreditation, EUCI has demonstrated that it complies with the ANSI/IACET Standard which is recognized internationally as a standard of good practice. As a result of their Authorized Provider status, EUCI is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standard.

EUCI is authorized by IACET to offer 0.6 CEUs for this course.
REGISTRATION INFORMATION

Mail Directly To:
EUCI
6400 S Fiddlers Green Cir., Suite 1620
Greenwood Village, CO 80111
OR, scan and email to: conferences@euci.com

OR, scan and email to: conferences@euci.com

WWW.EUCI.COM
p: 303-770-8800
f: 303-741-0849

PLEASE SELECT

☐ OFFSHORE WIND: PERMITTING AND PROCESSES
ONLINE COURSE: JUNE 23, 2020: US $795 (Single Connection)

☐ PACK OF 5 CONNECTIONS: US $3,575

☐ PACK OF 10 CONNECTIONS: US $5,965

FOR VOLUME DISCOUNTS CALL +1.303.770.8800

* All other discounts do not apply to license packs

Substitutions & Cancellations
Your registration may be transferred to a member of your organization up to 24 hours in advance of the event. Cancellations must be received on or before May 22, 2020 in order to be refunded and will be subject to a US $195.00 processing fee per registrant. No refunds will be made after this date. Cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event. This credit will be good for six months from the cancellation date. In the event of non-attendance, all registration fees will be forfeited. In case of course cancellation, EUCI's liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, please contact our offices at 303-770-8800.

EUCI reserves the right to alter this program without prior notice.

How did you hear about this event? (direct e-mail, colleague, speaker(s), etc.)

Print Name  Job Title

Company

Address

City  State/Province  Zip/Postal Code  Country

Phone  Email

CREDIT CARD INFORMATION

Name on Card  Billing Address

Account Number  Billing City  Billing State

Exp. Date  Security Code (last 3 digits on the back of Visa and MC or 4 digits on front of AmEx)  Billing Zip Code/Postal Code

OR Enclosed is a check for $ ........................................ to cover ........................................ registrations.

ENERGIZE WEEKLY

Energize Weekly is EUCI’s free weekly newsletter, delivered to your inbox every Wednesday. We provide you with the latest industry news as well as in-depth analysis from our own team of experts. Subscribers also receive free downloadable presentations from our past events.

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p: 303-770-8800
f: 303-741-0849

Online Course Delivery & Participation Details

See page 6 for information