

OFFSHORE WIND: MAY THE WINDS OF FORTUNE BE EVER IN YOUR FAVOR

THURSDAY, FEBRUARY 9 | 11:00 – NOON | ZOOM

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Kelly Cabal

Technical Director

GREGG DRILLING/SEALASKA



Muhammad Zayed, PhD, PE

Chief Consultant - US

Offshore Wind Engineering

RAMBOLL AMERICAS

OVERVIEW

This presentation will provide a brief market overview of the global and US offshore wind industry as well as the recent California lease auctions. It will discuss the difference between fixed bottom and floating turbines and highlight the geotechnical considerations present in California. Offshore wind will not only provide a strategic path towards the state's net zero goals but create thousands of jobs and demand an expanded supply chain. Massive infrastructure improvements are needed in port facilities, manufacturing, and transmission grids to bring this vision to fruition.

ABOUT THE PRESENTERS

Kelly Cabal is the Technical Director at Gregg Drilling and involved in Business Development with several Sealaska companies. Sealaska is an Alaska Native corporation with the ambition to promote ocean health. To that extent, supporting offshore wind development is at the forefront of our current efforts in hydrosience. Kelly has a Bachelor of Science degree in Engineering Physics from the University of Alberta and a Masters in Multimedia Design and Marketing. She has a passion for improving the environment for future generations and is excited about the growth and potential that offshore wind energy brings to California.

Dr. Muhammad Zayed is a Chief Consultant with the Offshore Wind Engineering Section in Ramboll Americas Group. His expertise includes leading the geotechnical engineering aspects of the offshore wind foundations and managing the technical communication between the stakeholders (developers, vendors, contractors, and certification and permitting agencies). He earned his BS and MS in Structural Engineering from Ain Shams University in Egypt. During his PhD at the University of California San Diego, Dr. Zayed specialized in geotechnical earthquake engineering and offshore foundation design. Working on various renewable energy projects across the US and East Asia, Dr. Zayed has been supporting the green energy transition for the past five years, with over 11 years of combined experience in geotechnical engineering consultancy and R&D. He is a licensed PE in many US states including CA, IL, NY, NJ, and VA.



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