

3RD ANNUAL

US Offshore Wind



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CONFERENCE & EXHIBITION • JUNE 7-8 • BOSTON

SECURE INVESTMENTS AND PARTNERSHIPS IN THE US OFFSHORE WIND INDUSTRY BOOM

HEADLINE SPEAKERS CONFIRMED FOR #USOW18

BOEM
BUREAU OF OCEAN ENERGY MANAGEMENT



Walter Cruickshank

Acting Director
Bureau of Ocean Energy
Management

DEEPWATERWIND



Bryan Martin

Chairman of the Board Deepwater Wind
Managing Director D.E. Shaw & Co.



John B. Lavelle

CEO, Offshore Wind
GE Renewable Energy

Ørsted



Thomas Brostrøm

President
Ørsted

U.S. DEPARTMENT OF
ENERGY



Dr. Valerie Reed

Acting Director of the Wind
Energy Technologies Office
U.S. Department of Energy

VINEYARD
WIND



Lars Thaaning Pedersen

CEO

Vineyard Wind

VATTENFALL



Gunnar Groebler

SVP Business Area Wind
Vattenfall

Statoil



Stephen Bull

SVP, Wind and CCS
Statoil



1000+

ATTENDEES



15+








HOURS OF
NETWORKING



45+

SPONSORS AND
EXHIBITORS

BUILD YOUR US OFFSHORE WIND BUSINESS PLAN AT THE USOW18 EVENT!

-  MARKET STRUCTURE AND EVOLUTION
-  US OFFSHORE WIND DEVELOPMENT PIPELINE
-  PROJECT PLANNING & EXECUTION FOR COMMERCIAL DEPLOYMENT
-  SUPPLY CHAIN, INFRASTRUCTURE AND VESSEL REQUIREMENTS
-  COST REDUCTION TECHNOLOGY ROADMAP
-  **NEW FOR 2018!** COMMERCIALIZING FLOATING WIND TURBINES BREAKOUT SESSION
-  **NEW FOR 2018!** OPPORTUNITIES IN THE US OFFSHORE WIND SUPPLY CHAIN BREAKOUT SESSION

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making the lifting industry a safer place

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WELCOME TO #USOW18

AMERICA'S LARGEST EVENT FOR OFFSHORE WIND POWER EXECUTIVES

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The USOW18 event is THE #1 networking hub for businesses that are looking to invest, find partners or secure service contracts for upcoming in US offshore wind projects. USOW18 unites 1000+ executives covering everything you need to know about the US offshore wind industry, including two NEW deep-dive breakout sessions on *Commercializing Floating Wind Turbines* and *US Offshore Wind Supply Chain Opportunities*.

Anticipating the US offshore wind industry boom, the USOW event doubled in size from 2016 to 2017. Now approaching year three, USOW18 has surpassed previous benchmarks in delegates and in sponsors, forecasting over 1000 attendees.

The USOW18 speaker line-up is supported by executive-level decision makers who are leading the charge in the US offshore wind industry. Learn from them at the USOW18 to plan your investments, secure market share and develop new partnerships in the US offshore wind industry boom.

[Click here](#) to register online or visit events.newenergyupdate.com/offshore-wind



Adam Minkley

Conference Director | New Energy Update

+44 (0) 207 375 7239 (Global) +1800 814 3459 x7239 (US) adam@newenergyupdate.com

WHAT YOU WILL ACHIEVE AT #USOW18

SECURE MARKET SHARE

Find out about states' offshore wind development plans and all the projects that are due or taking place

BUILD PARTNERSHIPS AND JOINT VENTURES

Meet serious industry collaborators from the USA and Europe and enter into the US offshore wind market as a developer, contractor or supplier

MEET THE US OFFSHORE WIND LEASEHOLDERS AND GOVERNMENT OFFICIALS

Understand who they are, what projects they are planning, and upcoming opportunities for partnerships and supply contracts

NETWORK WITH 1000+ OFFSHORE WIND EXEC'S

You will do business with ALL of the active players, from governments, developers, contractors, financiers and suppliers

EVENT FACTS AND FIGURES



1000+
OFFSHORE WIND
EXECUTIVES



45+
EXECUTIVE
SPEAKERS



45+
SPONSORS
& EXHIBITORS



15+hrs
OF NETWORKING
OPPORTUNITY

ATTENDEES BY INDUSTRY SECTOR

Other **2%**

Balance of Plant **2%**

Wind Turbine Manufacturer **5%**

Government / Public Authority **5%**

EPC **11%**



30% Project Developer/Operator

17% Vessel/Marine Contractors/
Logistics

15% Consultancy/Service Provider

13% Finance/Legal/Insurance

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EXECUTIVE SPEAKER LINE UP CONFIRMED AS OF MARCH 2018



Walter Cruickshank
Acting Director
Bureau of Ocean Energy
Management



James F. Bennett
Program Manager, Office of
Renewable Energy
Bureau of Ocean Energy
Management



Maryland
Energy
Administration



Mary Beth Tung
Director
Maryland Energy
Administration



U.S. DEPARTMENT OF
ENERGY



Dr. Valerie Reed
Acting Director of the Wind
Energy Technologies Office
U.S. Department of Energy



**AVANGRID
RENEWABLES**



Alejandro de Hoz
Vice President of
US Offshore Wind
Avangrid Renewables



**AVANGRID
RENEWABLES**



Eric Thumma
Director, Policy and
Regulatory Affairs
Avangrid Renewables



Bryan Martin
Chairman of the Board
Deepwater Wind
Managing Director
D.E. Shaw & Co.



Aileen Kenney
Vice President of Permitting
and Environmental Affairs
Deepwater Wind



Thomas Brostrøm
President
Ørsted North America



John B. Lavelle
CEO, Offshore Wind
GE Renewable Energy



Paul M. Rich
Director, Project Development
US Wind, Inc.



Jim Lanard
CEO
Magellan Wind



Jeff Kehene
Chief Development
Officer
Magellan Wind



Rachel Pachter
V.P. Permitting Affairs
Vineyard Wind



Lars Thaaning Pedersen
CEO
Vineyard Wind



Gunnar Groebler
SVP Business Area Wind
Vattenfall



Chris Wissemann
US Representative
innogy



Julian Garnsey
Project Director,
Triton Knol
innogy



Michael Olsen
Senior Director
Statoil



Christer af Geijerstam
Empire Wind Project Director
Statoil



Stephen Bull
SVP, Wind and CCS
Statoil



Sebastian Bringsværd
Head of Hywind Development
Statoil



Bill White
Senior Director, Offshore
Wind Sector Development
Massachusetts Clean
Energy Center



Stephen Pike
Chief Executive Officer
Massachusetts Clean
Energy Center



Stephanie McClellan
Special Initiative on
Offshore Wind
University of Delaware



Lorry Wagner
President
LEEDCo



Kevin Banister
Business Development Director
Principle Power



Gerhard Winklmeier
Senior Vice President, Head
of Corporate Finance NY
Helaba, Landesbank
Hessen-Thüringen



Jerome Guillet
Managing Director
Green Giraffe Energy
Bankers



Richard den Hollander
Business Development
Director
Seaway Heavy Lifting



Andy Geissbuehler
Advisory Director
Renewable Resources Int'l
in partnership with
BVG Associates



Doreen Harris
Director, Large-Scale
Renewables
NYSERDA



Mark Torpey
Director Research
and Development
NYSERDA



Joe Martens
Director
New York Offshore
Wind Alliance



Katharine Bond
Director, Public Policy
Dominion Resources
Inc.



Tom Sexton
Executive Director
Aon Risk



Boone Davis
Principal Consultant
The Renewables
Consulting Group



Doug Pfeister
Director, Offshore
Renewables Consulting
Group



Alla Weinstein
CEO and Founder
Trident Winds



Peter Robert
Director Business
Development
Damen Shipyards



David Metzger
Partner
Clifford Chance



Stephen Gray
Managing Director
ROVOP



John Pickett
Partner
Linklaters



Dorothy Franzoni
Partner
Eversheds Sutherland



Thomas Langford
Director for Offshore Energy
NGI



Andrew T Redinger
Managing Director,
Group Head
KeyBank



Dr. Tom Harries
Associate
Bloomberg New
Energy Finance



Walter Musial
Manager, Offshore Wind
National Renewable
Energy Laboratory



Nils Bolgen
Wind Turbine Program
Director
MassCEC



Benjamin Foley
Vice President Offshore
Keystone Engineering



Lars Samuelsson
Manager - Offshore
Engineering Department (OED)
ABS Consulting



Mary Boatman
Environmental Studies Chief
Bureau of Ocean
Energy Management



Alana Duerr
Offshore Wind Lead, Wind
Energy Technologies Office
U.S. DOE



Christopher Potter
Environmental Scientist
California Natural
Resources Agency



Kit Kennedy
Director, Energy &
Transportation Program
NRDC



Renu Gupta
Partner
Amis, Patel & Brewer, LLP

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MEET THE MOST INFLUENTIAL EXECUTIVES IN US OFFSHORE WIND

WHO SHOULD ATTEND AND WHY?

ARE YOU A DEVELOPER?

- ✓ Demonstrate what market conditions you require to progress to 1000+ industry leaders
- ✓ Opportunity to demonstrate exactly what you need in terms of a U.S. offshore wind supply chain
- ✓ Analyze subsidy schemes and tax regimes that are available in each state

ARE YOU AN EPC CONTRACTOR, SERVICE PROVIDER OR SUPPLIER?

- ✓ Understand what developers require in terms of a supply chain, likely project timelines and when and where you fit in
- ✓ Demonstrate how your technologies and capabilities can reduce project capital costs and support projects
- ✓ Network with over 1000 industry leaders, make the right connections and win new contracts

ARE YOU A NEW MARKET ENTRANT TRANSITIONING INTO THE OFFSHORE WIND SUPPLY CHAIN?

- ✓ Review upcoming projects and commercial opportunities against your capabilities so you can diversify into the offshore wind sector
- ✓ Understand the layers of the supply chain, how you fit in and who your customers are
- ✓ Anticipate the size of market and how to tender to developers
- ✓ Learn how to Joint Venture and identify commercial partners amongst 500 executives

ARE YOU IN GOVERNMENT AND POLICY DEVELOPMENT?

- ✓ Understand your role in developing a robust offshore wind supply chain and infrastructure
- ✓ Develop a collaborative and coherent strategy with industry stakeholders to boost the offshore wind market, essential for economic growth and job creation

HIGH PROFILE ATTENDEES IN 2017 (SAMPLE)

CEO Beothuk Energy	Director Commerce VBMS
CEO Magellan Wind	Director of Investment and Asset Management innogy renewables
CEO Parkwind	Director Offshore Wind E.ON
CEO Patriot Offshore Inc.	Director, Innovation EDF Renewable Energy
CEO Principle Power	Director of Offshore Energy Tetra Tech
CEO Renewables Consulting Group	Senior Director Massachusetts Clean Energy centre
CEO Seajacks UK	Managing Director Natixis
CEO Sif Netherlands B.V.	Managing Director DP Energy
CEO Swire Blue Ocean A/S	Sector Director Royal Haskoning
CEO Trident Winds	General Manager DEME Concessions Wind NV
CEO US Wind	Deputy General Manager DEME Concessions NV
Managing Director Green Giraffe Energy Bankers	Chief, Environmental Review Branch Bureau of Ocean Energy Management
Managing Director Horizon Geosciences	Commercial Director Ecosse Subsea Systems Ltd
Managing Director MUFG Union Bank	Commissioner California Energy Commission
Managing Director Notus Heavy Lift Solutions	Consultant ECN
Managing Director, Group Head KeyBanc Capital Markets Power & Renewable Energy	Global Head of Clean Energy and Sustainability Eversheds
Managing Partner Renewable Resources International	Head of Sales and Business Development First Subsea
President LEEDCo	Operations Manager Ecology and Environment, Inc.
President McAllister Towing & Transportation Inc	Partner Jones Day
Vice President ACS Cobra	Partner Morgan Lewis & Bockius LLP
Vice President Keystone Engineering	Principal Consultant SgurrEnergy
Vice President Apex Companies, LLC	Program Manager, Large Scale Renewables NYSERDA
Vice President Semco Maritime Inc.	Project Manager Independent
Vice President Vineyard Wind	Renewable Energy Program Coordinator Bureau of Safety and Environmental Enforcement
Vice President Business Development BERG EUROPIPE	Senior Advisor Hjelmsted Consulting
Vice President, Renewables Operations Duke Energy	Senior Broker Offshore Renewables - Clarksons Platou AS
Vice President, Permitting and Environmental Affairs Deepwater Wind	U.S. Power & Utilities Practice Leader Marsh Global Energy & Power
Vice President Sales NSW. a General Cable Company	Business Development Manager SIEM Offshore
Vice President Clean Energy Wood Group Clean Energy	Senior Strategist Power Business Development Enbridge Inc.
Senior Vice President Fred. Olsen Renewables USA	Area Manager Van Oord
Senior Vice President Aon Risk Solutions	
Director - New Business Scottish Power Renewables	
Director of Business Development USA - Deme Gourp	

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EVERY TOPIC TO SUPPORT YOUR US OFFSHORE WIND BUSINESS DEVELOPMENT PLAN

USOW18 CONFERENCE AGENDA AT A GLANCE

WEDNESDAY, JUNE 6th

Morning Off-Site Visit 9:00am-1:00pm Meet in hotel lobby at Park Plaza for shuttle bus service	Tour of the New Bedford Marine Commerce Terminal
Afternoon Off-Site Visit 4:30pm-7:00pm Meet in hotel lobby at Park Plaza for shuttle bus service	Welcome to Boston U.S. Offshore Wind Conference Opening Reception at MassCEC's Wind Technology Testing Center
Evening Pre-Registration and Exhibition Set Up 6:00pm-9:00pm	Exhibition Set Up
Evening Private Dinner Grand Ballroom B 7:30pm-8:30pm	Offshore Wind Leaders' Private Dinner Invitation only. Sponsored by Linklaters

THURSDAY, JUNE 7th

Morning Main Conference Grand Ballroom	KEYNOTE PRESENTATIONS AND PANELS	MARKET STRUCTURE AND EVOLUTION	REGULATORY AND POLITICAL LANDSCAPE	US MARKET BUILDERS: MA	TECHNOLOGY SHOWCASE AND EXHIBITION
Morning Breakout Session Statler Room	THE BUSINESS CASE FOR FLOATING TURBINES	ECONOMIC AND COMMERCIAL STRATEGIES	MARKET DEVELOPMENT	US REGULATORY AND POLICY DRIVERS FOR FLOATING TURBINES	
Afternoon Main Conference Grand Ballroom	US MARKET UPDATES NJ	US MARKET UPDATES NY	US MARKET UPDATES MD	BUILDING THE US OFFSHORE WIND SUPPLY CHAIN	
Afternoon Breakout Session Statler Room	QUALIFYING FLOATING TURBINE TECHNOLOGY		FLOATING TURBINE SUPPLY CHAIN DEVELOPMENT		
Evening Statler Room	USOW18 NETWORKING DRINKS PARTY				

FRIDAY, JUNE 8th

<div>Morning Main Conference</div> <div>Grand Ballroom</div>	ACHIEVING SUB 10 CENTS KWH	FINANCING US OFFSHORE WIND	PROJECT RISK MITIGATION	MARKET EXPANSION OPPORTUNITIES NC, VA, CA & CT	TECHNOLOGY SHOWCASE AND EXHIBITION
<div>Morning Breakout Session</div> <div>Statler Room</div>	SUPPLY CHAIN OPPORTUNITIES	R&D	MANUFACTURING	INSTALLATION	
<div>Afternoon Main Conference</div> <div>Grand Ballroom</div>	PERMITTING STRATEGY	STAKEHOLDER ENGAGEMENT	BUILDING THE US OFFSHORE WIND SUPPLY CHAIN	NEXT STEPS FOR FURTHER MARKET DEVELOPMENT	
<div>Afternoon Breakout Session</div> <div>Statler Room</div>	OPERATIONS AND MAINTENANCE		DESIGN AND ENGINEERING	GEOTECHNICAL AND GEOPHYSICAL SERVICES	

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EVERY TOPIC TO SUPPORT YOUR US OFFSHORE WIND BUSINESS DEVELOPMENT PLAN

PRE-CONFERENCE DAY SCHEDULE - JUNE 6th

9.00am - 1.00pm

Tour of the New Bedford Marine Commerce Terminal

Please join the Massachusetts Clean Energy Center (MassCEC) for a tour of the United States' first and only Terminal purpose-built for the deployment of offshore wind projects. Only 1 hour south of Boston, the Terminal will be the staging, assembly, and deployment location area for the nation's first commercial scale offshore wind project.

- Location: Transportation will be provided to and from the Boston Park Plaza, 50 Park Plaza at Arlington Street, Boston, MA 02116 and MassCEC New Bedford Marine Commerce Terminal, 4 Wright Street, New Bedford, MA, 02740.
- Meeting point: Park Plaza Registration Desk at 8:45am. Shuttle bus leaves Park Plaza at 9:00am and returns at 1pm.
- Light refreshments provided.

4.30pm - 7.00pm

Welcome to Boston U.S. Offshore Wind Conference Opening Reception

Please join the Massachusetts Clean Energy Center (MassCEC) for a Welcome to Boston reception at MassCEC's Wind Technology Testing Center (WTTC) on Boston Harbor. The WTTC is the largest indoor wind-blade testing center in North America, providing certification tests for turbine blades up to 90 meters in length.

- Location: Transportation will be provided to and from the Boston Park Plaza, 50 Park Plaza at Arlington Street, Boston, MA 02116 and the MassCEC Wind Technology Testing Center at 100 Terminal Street, Boston, MA, 02129.
- Meeting point: New Energy Update Registration Desk at 4:15pm. Shuttle bus leaves Park Plaza at 4:30pm and returns at 7:00pm.
- Light refreshments provided.

6.00pm - 8.30pm

Exhibition Set Up

- Exhibitors - access exhibition room for set-up.

7.30pm - 8.30pm

Offshore Wind Leader's Private Dinner (Invitation only)

This is an invitation-only private dinner meeting for offshore wind leaders to discuss the successful development of the US offshore wind market, and to allow the fruitful exchange of plans and ideas over a gourmet 3-course meal.

- Limited to VIP badge holders only
- Taking place in Grand Ballroom A at the Park Plaza Hotel.

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EVERY TOPIC TO SUPPORT YOUR US OFFSHORE WIND BUSINESS DEVELOPMENT PLAN

CONFERENCE SCHEDULE DAY ONE - JUNE 7th

7.00am - 8.30am	Registration and Coffee
GRAND BALLROOM PLENARY KEYNOTE SCHEDULE	

8.30am: **Welcome Speech** Adam Minkley, Conference Director, **New Energy Update**

8.35am: **Chairman's opening remarks** Stephen Pike, CEO, **Massachusetts Clean Energy Center** • Jim Lanard, CEO, **Magellan Wind**

8.40 - 9.00am:

Presentation: U.S. offshore wind: A 2030 forecast

- The U.S. has on paper the potential to be an offshore wind powerhouse. But seabed leases are not projects and policy-maker interest is not policy.
- We strip down the layers of announcements and forecast installations and the cost of U.S. offshore wind to 2030.

Dr Tom Harries, Associate, **Bloomberg New Energy Finance**

9.00am - 9.15am: **Keynote speech** Walter Cruickshank, Acting Director, **Bureau of Ocean Energy Management**

US OFFSHORE WIND MARKET STRUCTURE AND EVOLUTION

9.15am - 10.00am:

Panel discussion: How is the US offshore wind market going to shake out?

- How is the US market going to transform from smaller scale individual companies to a more European like structure, where there are investor clubs and partnerships?
- From a developer's perspective, what is the optimum strategy for federal Wind Energy Areas (WEAs) identified for auctions and what are the implications on project timelines and LCOE?

Moderator: Dorothy Franzoni, Partner, **Eversheds Sutherland** • Stephen Bull, SVP Wind and CCS Business, **Statoil** • Alejandro de Hoz, VP Offshore Wind, **Avangrid Renewables** • Valarie Reid, Acting Director of the Wind Energy Technologies Office, **U.S. Department of Energy** • John B. Lavelle, CEO, Offshore Wind, GE Renewable Energy

10.00am - 10.45am	Coffee Break and Networking
GRAND BALLROOM SCHEDULE: US MARKETS AND PROJECTS	STATLER ROOM BREAKOUT SCHEDULE

REGULATORY AND POLITICAL LANDSCAPE

10.45am - 11.30am:

Panel discussion: Navigating the course through the US government in offshore wind

- What is the status of the federal regulatory process for offshore wind projects?
- This session will delve into the observed changes in the US government administration, such as the role of BSEE/BOEM and DOE and what is to come...

Michael Olsen, Senior Director, **Statoil** • Stephanie McClellan, Special Initiative on Offshore Wind, **University of Delaware**

11.30am - 11.50am:

Presentation: Offshore wind; a maturing industry, European Development over the years

- Analyze the significant developments in Europe and what key lessons and experiences apply in the US market

Patricia Milligan, Head of Project Finance, **Helaba**

US MARKET BUILDERS - UPDATES FROM MA, NJ, NY AND MD

11.50am - 12.20pm:

Panel discussion: Massachusetts offshore wind development plan

- Hear an update on MA's latest round of competition, including selection of the first project/s to meet the Commonwealth's 1,600 MW goal.
- Hear project representatives speaking about the economic opportunities that offshore wind projects will bring to MA, such as jobs, manufacturing and infrastructure, and how offshore wind will help achieve state-specific renewable energy goals.

Moderator: Bill White, Senior Director, Offshore Wind Sector Development, **MassCEC** • Lars Thaaning Pedersen, CEO, **Vineyard Wind** • Thomas Broström, President, **Ørsted**

THE BUSINESS CASE FOR FLOATING TURBINES

10.45am - 11.15am:

Presentation: Hywind project in a global context

- High level project updates: Scotland, Portugal, France, Taiwan, Japan, China Germany and the US
- Why should we do it? Does it make sense?
- Get exclusive insight into the lessons learned from the operational data collected from Project Hywind, the world's first operational floating wind farm in Scotland.

Sebastian Bringsværd, Head of Hywind Development, **Statoil**

ECONOMIC AND COMMERCIAL STRATEGIES FOR FLOATING TURBINES

11.15am - 11.45am:

Presentation: LCOE reduction pathway for floating turbines

- What are the cost reduction criteria for floating wind turbines?
- Review possible LCOE cost scenarios for floating wind energy markets.

Walter Musial, Manager, Offshore Wind, **National Renewable Energy Laboratory**

11.45am - 12.20pm:

Presentation: Path to commercialization

- How do you optimize engineering systems for floating turbines - A systems engineering framework?

Garrett Barter, Senior Engineer, **National Renewable Energy Laboratory**

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EVERY TOPIC TO SUPPORT YOUR US OFFSHORE WIND BUSINESS DEVELOPMENT PLAN

CONFERENCE SCHEDULE DAY ONE - JUNE 7th

12.20pm – 1.50pm

Lunch Break and Networking

1.50pm – 2.20pm:

Panel discussion: New Jersey offshore wind development plan

- State representatives will speak about the state's interest in attracting offshore wind-related economic opportunities to New Jersey including jobs, manufacturing, and infrastructure.
- Find out how new leadership in New Jersey will ensure that offshore wind advances rapidly and expands its mandate to 3,500MW of capacity, including plans for state support mechanisms to help finance and develop new projects.

Moderator: Jim Lanard, CEO, **Magellan Wind** • Additional panellists TBA

2.20pm – 2.50pm:

Panel discussion: New York offshore wind development plan

- Hear an update on New York State's Offshore Wind Master Plan as well as plans for achieving the state's goal of 2,400 MW, including procurement plans for 2018 and 2019.
- Hear industry representatives speaking about the economic opportunities that offshore wind projects will bring to NY, such as jobs, manufacturing and infrastructure.

Moderator TBA • Christer af Geijerstam, Empire Wind Project Director, **Statoil** • Doreen Harris, Director, Large-Scale Renewables, **NYSERDA** • Joe Martens, Executive Director, **NY Offshore Wind Alliance**

2.50pm – 3.20pm:

Panel discussion: Maryland offshore wind development plan

- Receive an update on both projects awarded ORECs by Maryland in 2017 and the local economic opportunities they will bring to Maryland by supporting hundreds of highly skilled jobs in engineering, construction and operation.

Moderator TBA • Paul Rich, Director, Project Development, **US Wind** • Mary Beth Tung, Director, **Maryland Energy Administration**

DEVELOPING A MARKET FOR FLOATING TURBINES IN THE US

1.50pm – 2.20pm:

Presentation: Technology challenges at commercial scale

- Examine the State and Federal regulatory drivers for offshore floating wind.
- Discuss the military exclusions zone on the west coast, its impact on future projects and progress made.
- Review options for de-risking elements of floating technology, such as mooring line entanglement related issues.
- Learn about the new permitting standards being developed for floating wind turbines.

Moderator TBA • Necy Sumait, Chief, Renewable Energy, Pacific Region, **BOEM** • Alla Weinstein, CEO, **Trident Winds** • Lars Samuelson, Manager - Offshore Engineering Department, **ABS Consulting**

QUALIFYING THE TECHNOLOGY

2.20pm – 3.20pm:

Panel discussion: Qualifying floating turbine technology

- What are the cost reduction strategies developers and manufacturers can implement in their approach to development?
- SPAR turbine represented by Statoil
- Semi-Submersible turbine represented by Principle Power's WindFloat
- Concrete Design represented by New England Aqua Ventus I project
- TetraSpar Technology by Magellan Wind

Moderator: Lars Samuelson, Manager - Offshore Engineering Department, **ABS Consulting** • Sebastian Bringsværd, Head of Hywind Development, **Statoil** • Kevin Banister, Business Development Director, **Principle Power** • Prof. Habib Dagher, Principal Investigator, Aqua Ventus Project, **University of Maine** • Jeff Kehne, Chief Development Officer, **Magellan Wind**

3.20pm – 4.05pm

Coffee Break and Networking

4.05pm – 4.25pm:

Presentation: Delivering offshore wind's promises

- How has offshore wind met its challenges to build on time and on budget, and what will change as we deliver the latest projects in a cost reduced world?

Julian Garnsey, Project Director, Triton Knol, **Innogy**

BUILDING THE US OFFSHORE WIND SUPPLY CHAIN

4.25pm – 5.10pm:

Panel discussion: How to determine the optimum marine logistics solution?

- Learn how to choose the optimum marine logistics strategy by analyzing i) project size, ii) sustainability of the pipeline and iii) the component supply chain strategy of the project.
- Discuss Jones Act compliant vessels and requirements to deliver the project pipeline. Basic requirements making it financially and legally workable and tied into the supply chain strategy

Moderator: Andy Geissbuehler, Managing Partner, **Renewable Resources Int'l**, in partnership with **BVG Associates** • Richard den Hollander, Director of Business Development, **Seaway Heavy Lifting** • Peter Robert, Director Business Development, **Damen Shipyards Group** • Steven Gray, CEO, **ROVOP**

FLOATING TURBINES SUPPLY CHAIN

4.05pm – 5.10pm:

Panel discussion: Foundations, Floating Substations, Dynamic Cables and Mooring Systems

- What are the similarities and differences between the fixed-bottom supply chain and the floating turbine supply chain?
- What parts of the supply chain will be different and unique to floating turbines and how will they be developed?
- Discuss the supply of components such as turbines, foundations, blades, fabricated steel and mooring lines that will be required to supply floating wind farm projects on the west coast.
- Analyze the skills and labour requirements to meet the demands of a west coast supply chain.
- What are the supply chain benefits for local companies? And what is the Oil and Gas sector's role?

Speakers TBA

5.10pm – 7.30pm

Networking Cocktail Reception Join your peers for free cocktails and networking in the exhibition room. Sponsorship available. Contact adam@newenergyupdate.com



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EVERY TOPIC TO SUPPORT YOUR US OFFSHORE WIND BUSINESS DEVELOPMENT PLAN

CONFERENCE SCHEDULE DAY TWO - JUNE 8th

8.30am – 8.40am: **Lessons from Day 1** Conference Chairperson

GRAND BALLROOM SCHEDULE: Main Conference

ACHIEVING SUB 10 CENTS KWH

8.40am – 9.25am:

Keynote discussion: The road to <10 cents kWh for US offshore wind projects

- What factors will influence LCOE in the next five years, and what is needed to achieve under 10 cents per kWh in the US?
- How do recent subsidy-free bids, such as those in Europe, translate to the US offshore wind market? What lessons can be applied?
- What role will technologies play in reducing project LCOE in the US? And what is forecast over the next 5-10 years?

Moderator TBA • Gunnar Groebler, Senior Vice President, Business Area Wind, **Vattenfall** • Chris Wissemann, US Representative, **innogy** • Additional panellists TBA

FINANCING US OFFSHORE WIND

9.25am – 9.45am: **Presentation:**

How to make disaggregated procurements with new technology bankable

- Discover how to make offshore wind disaggregated procurements with new technology 'bankable', with examples from recent major offshore wind projects
- Learn how to make offshore wind projects attractive to institutional investors pre-operation

David Metzger, Partner, **Clifford Chance**

9.45am – 10.30am:

Panel discussion: Funding structures unique to US offshore wind

- US offshore wind projects may be able to use European financing models such as balance sheet and project financing initially, but will ultimately have to adapt to local conditions.
- This session will explore the evolution of us offshore wind funding structures and discuss instruments such as bonds and tax equity.

Moderator: TBA • John Pickett, Partner, **Linklaters** • Bryan Martin, Managing Director, **D.E. Shaw & Co.**, Chairman of the Board, **Deepwater Wind** • Jérôme Guillet, Managing Director, **Green Giraffe B.V.** • Andrew Redinger, Managing Director Group Head, **Keybank**

10.30 – 11.15am

Coffee Break and Networking

PROJECT RISK MITIGATION

11.15am – 11.35am:

Mitigating Project Risk

- Examine common insurance risks associated with offshore wind projects and how to protect assets against costly set-backs

Tom Sexton, Executive Director, **Aon Risk Solutions**

US MARKET EXPANSION OPPORTUNITIES – NC, VA, CA, AND CT

11.35am – 12.05pm: **Panel discussion:**

California and Connecticut offshore wind opportunities

- Hear state and project representatives speaking about the economic opportunities that offshore wind projects will bring to their states, such as jobs, manufacturing and infrastructure, and how offshore wind will help achieve state-specific renewable energy goals.
- Receive an update about Wind Energy Areas, further development potential, and state support mechanisms to help finance and develop new projects.

Moderator TBA • Jim Lanard, CEO, **Magellan Wind** • Alla Weinstein, CEO, **Trident Winds** • Christopher Potter, Environmental Scientist, **California Natural Resources Agency**

12.05pm – 12.35pm:

Panel discussion: North Carolina and Virginia offshore wind opportunities

- Hear state and project representatives speaking about the economic opportunities that offshore wind projects will bring to their states, such as jobs, manufacturing and infrastructure, and how offshore wind will help achieve state-specific renewable energy goals.
- Receive an update about Wind Energy Areas, further development potential, and state support mechanisms to help finance and develop new projects.

Moderator TBA • Katharine Bond, Director, Public Policy, **Dominion Resources** • Additional panellists TBA

STATLER ROOM SCHEDULE: Supply Chain Opportunities

DIVERSIFY INTO THE US OFFSHORE WIND SUPPLY CHAIN

8.40am – 9.25am:

Presentation: Business opportunities in the US offshore wind supply chain

- Receive a breakdown of the offshore wind supply chain, and a timeline of the Local, Regional (GoM) and Foreign supply chain requirements.
- Find out what it takes to successfully move into the US offshore wind supply chain.

Boone Davis, Principal Consultant, **The Renewables Consulting Group**

9.25am – 9.45am: **Presentation:**

Next-generation foundations and anchoring for offshore wind

- Be inspired by successful case studies from landmark projects, such as Dogger Bank, Borkum Riffgrund and Hywind
- Understand the technology transfer of foundation design from oil and gas to the offshore wind market, and how it can be utilised in future projects.
- Learn about new developments in reducing cost and increasing reliability in offshore design, enabling offshore wind on safe ground.

Thomas Langford, Head of Section Offshore Geotechnics, **NGI**

9.45am – 10.30am:

Presentation: R&D projects & initiatives to drive industry expansion

- The states and Federal government have made and continue to make significant investments in offshore wind R&D in order to drive the U.S. offshore wind industry forward.
- This panel discussion will delve into the driving mission of each NYSEDA, MassCEC, BOEM, and U.S. Department of Energy, and discuss how the role of each entity shapes the research agenda and impacts the future of offshore wind.

Moderator: Kit Kennedy, Director, Energy & Transportation Program, **NRDC** • Alana Duerr, U.S. Department of Energy Wind Energy Technologies Office, **DOE** • Mark Torpey, Director Research and Development, **NYSEDA** • Mary Boatman, Environmental Studies Chief, **BOEM** • Nils Bolgen, Program Director, Offshore Wind, **MassCEC**

R&D

11.15am – 11.35am: **Developer's panel:**

Who will supply the US offshore wind industry and when?

- Hear US offshore wind developers discuss their upcoming projects commitments and supply chain requirements.
- Spot new opportunities for Joint Ventures, partnerships as projects ramp up.

Speakers TBA

MANUFACTURING

11.35am – 12.05pm: **Panel discussion:**

Turbines, foundations, substations, vessels and cabling

- Hear from major component manufacturers and suppliers about their role in the industry, projected supply, local requirements and cost
- Understand the different challenges with different foundation designs and required installation strategies

Panellists TBA

WIND TURBINE INSTALLATION

12.05pm – 12.35pm:

Panel discussion: The role of Vessels, Barges and Logistics

- Discuss the role of marine contractors.
- Analyze vessels, barges, and logistical requirements, and installation processes specific to different foundation types.
- Understand the Jones Act and what this means for the different levels of the supply chain.

Speakers TBA

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EVERY TOPIC TO SUPPORT YOUR US OFFSHORE WIND BUSINESS DEVELOPMENT PLAN

CONFERENCE SCHEDULE DAY TWO - JUNE 8th

12.35pm – 2.00pm

Lunch Break and Networking

US OFFSHORE WIND PERMITTING STRATEGY

2.00pm – 2.20pm:

Presentation: The Federal offshore wind lease plan, permitting, and the regulatory regime

- Understand the federal US offshore wind leasing and environmental permitting process in existing Wind Energy Areas and discover the new proposal for streamlining the project proposal process.
- Discover BOEM's federal plan for identifying and auctioning new Wind Energy Areas and leasing opportunities that will build the US offshore wind industry, create new jobs, economic growth and infrastructure.

James Bennett, Program Manager, Office of Renewable Energy,
Bureau of Ocean Energy Management

2.20pm – 3.05pm: **Panel discussion:**

Strategies that win stakeholder and political support for project success

- As states move forward to achieve their offshore wind goals, several projects are now entering the permitting phase. It is crucial to win stakeholder support for projects, not only to prevent project delays and reduce costs, but to lay a solid foundation for the industry to work from.
- This session will reflect on the entire permitting process; how to manage a broad range of stakeholders and gain political support, which in turn will reduce project costs and time to permitting.

Moderator: Renu Gupta, Partner, **Amis, Patel & Brewer, LLP** • Catherine Bowes, Project Director, Offshore Wind Energy, **National Wildlife Federation** • James Bennett, Program Manager, Office of Renewable Energy, **Bureau of Ocean Energy Management** • Lorry Wagner, President, **LEEDCo**

OPERATIONS & MAINTENANCE

2.00pm – 2.30pm: **Panel discussion: Offshore Wind O&M - Applicable Lessons from European Offshore Wind Farms**

- Blades O&M, Transport (vessels and helicopters)
- Subsea Inspection, Maintenance and Repair
- Wind O&M strategies to reduce project LCOE

Panellists TBA

DESIGN & ENGINEERING

2.30pm – 3.05pm: **Panel discussion:**

Structural engineering, Geophysical and Geotechnical services

- Identify offshore wind-specific design and certification standards for US projects.
- Hear about the synergies between O&G structural design and engineering and US offshore wind structures
- Analyze the unique meteorological, ocean, and lake (met-ocean) conditions in the US and supply chain opportunities for geosciences sector
- Learn about the site condition and assessment processes and synergies with the O&G sector practices

Speakers TBA

NEXT STEPS FOR THE INDUSTRY

3.05pm – 3.30pm:

Panel discussion: Next steps in US offshore wind market development

- Key markets and future developments
- Political support and risk assessment
- Applicable lessons learned from Europe

Moderator TBA • Doug Pfeister, Director, Offshore, **The Renewables Consulting Group** • Additional panellists TBA

3.30pm

Conference End

GROUP DISCOUNTS

Book 3 or more people and you'll qualify for a group discount. With hundreds of people to network with during the 2 days we advise all companies bring at least 3 people.

To organise your booking contact adam@newenergyupdate.com or call **+44 (0) 20 7375 7239**



"Very high turnout and comprehensive set of sessions"

**Partha Vasudev, Director,
UK Green Investment Bank**

"This is a quality show with good commercial / financial information and high-value attendees"

**Matthew Filippelli, AWS Truepower,
a UL Company**

"Very good networking and content discussions"

**Sven Utermöhlen, COO,
E.ON Climate & Renewables**

"Excellent opportunity to meet, inform, and learn from industry professionals"

**Keith McDermott, Commercial Director,
Ecosse Subsea Systems**



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SPONSORSHIP OPPORTUNITIES AT USOW18

SECURE MARKET SHARE IN THE US OFFSHORE WIND INDUSTRY



Gain heightened visibility as a speaker, sponsor and exhibitor in front of government officials, developers and major EPC's



Position your company to win contracts and secure market share in the US Offshore Wind industry

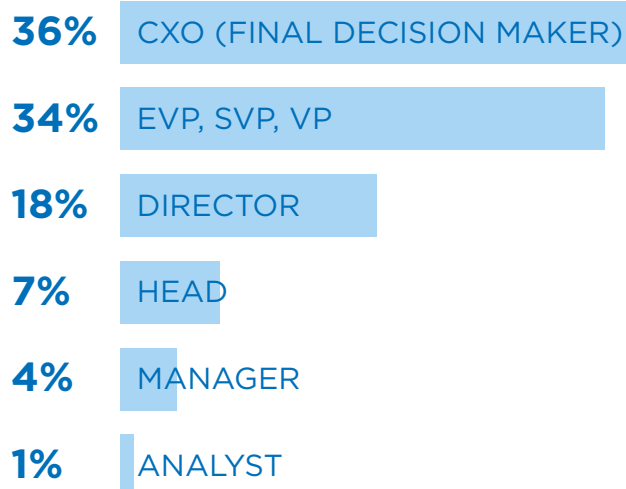


Identify industry collaborators and new clients as the US wind industry ramps up!



Network with 1000 offshore wind executives from a mix of US and European companies.

MEET YOUR PROSPECTS AND GENERATE LEADS



INCREASE BRAND AWARENESS AND BUILD RELATIONSHIPS THROUGH...

Meetings

Host your own private breakfast, lunch and VIP dinner. Or sponsor the cocktail reception and coffee breaks to really maximize your presence!

Exhibition

Take a booth to exhibit your products and services to 1000+ executives in the networking & exhibition hall.

Branding

Feature your company logo on the event banners, website, brochure and marketing emails that reach in excess of 60K wind power professionals.

ENGAGE YOUR CUSTOMERS IN THE FOLLOWING WAYS



KEYNOTES

Take advantage of our most prestigious speaking opportunity on the morning of day 1

Be seen as the pioneer at the forefront of the industry. This option will give you maximum exposure



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Secure one in only five 20-minute speaking slots available to address the entire plenary audience.

Capture the attention of the entire plenary audience and demonstrate thought leadership.



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Choose to moderate or participate in a panel discussion of your choice, with up to 5 other participants

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**ONLY 15 BOOTHS LEFT, SO HURRY!
SECURE YOUR PLACE BEFORE IT'S TOO LATE**



Contact:

Tobias Crow

Business Development Manager, New Energy Update

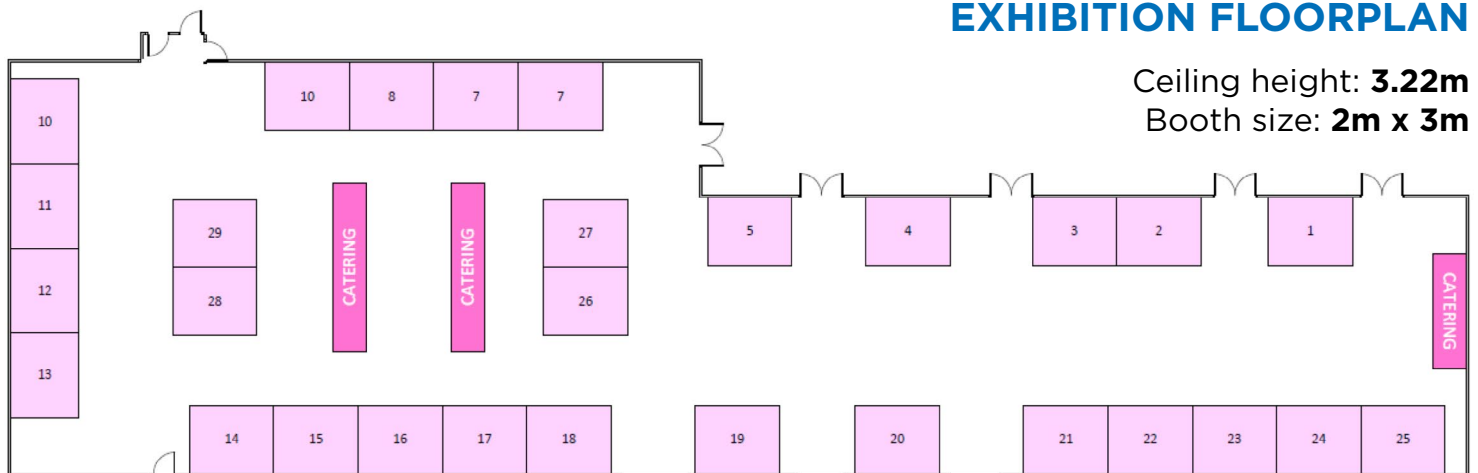
+44 (0) 207 422 4358

toby@newenergyupdate.com

EXHIBITION FLOORPLAN

Ceiling height: **3.22m**

Booth size: **2m x 3m**



WHY EXHIBIT AT USOW18?

- ✓ **Exhibit to 1000+ high-profile offshore wind decision makers** from across the US offshore wind value chain by exhibiting your prized technology and unique services.
- ✓ **Looking for investment or partnerships?** Make your presence known in the US offshore wind market by exhibiting and branding.
- ✓ **The event is an intimate gathering of executives with buying power.** Unlike other trade shows, you won't get lost in the crowd.

WHAT YOU WILL GET?

- 2m x 3m exhibition space, table top, table cloth and 2 chairs.
- Upgrade to a DOUBLE booth for real impact.
- Every coffee break takes place in the exhibition room, so you will get over 7 hours of traffic to meet new contacts and generate qualified sales leads.

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SECURE INVESTMENTS AND PARTNERSHIPS IN THE US OFFSHORE WIND INDUSTRY BOOM

ALMOST SOLD OUT!
SECURE ONE OF THE LAST TICKETS HERE.

CLICK HERE TO REGISTER ONLINE

or visit www.newenergyupdate.com/offshore-wind/register.php

PASS FEATURES	EXECUTIVE PASS	ECONOMY PASS
2 day conference and exhibition pass	✓	✓
Attend the networking lunches	✓	✓
Attend the networking drinks evening party	✓	✓
Attend the Conference Opening Reception at MassCEC's Wind Technology Testing Center	✓	
Attend the tour of the New Bedford Marine Commerce Terminal.	✓	
Access to the Online Networking Center pre and post conference	✓	
Access to all 25+ downloadable presentation slides	✓	
Access to full audio recordings of all conference sessions (including panel discussions)	✓	
Full Price	\$1999	\$1699

Contact adam@newenergyupdate.com for group discounts

Event location: **Boston Park Plaza Hotel**

50 Park Plaza at Arlington Street, Boston, MA 02116
Valet Parking Entrance, 34 Columbus Ave, Boston 02116

General & Reservation Enquiries

Telephone: **1.617.426.2000**

General Fax: **1.617.426.5545**

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