

**INTERGOVERNMENTAL RENEWABLE ENERGY TASK FORCE FOR THE NEW YORK BIGHT
 APRIL 14 & 16, 2021
 MEETING SUMMARY**

DISCLAIMER: This meeting summary was prepared by the Consensus Building Institute (CBI), a non-profit entity contracted by BOEM to facilitate Task Force discussions and draft a discussion summary. This summary is not intended to be a meeting transcript. Rather, it focuses on the main points covered during the meeting.

MEETING IN BRIEF

During the April 2021 virtual meeting, members of the New York Bight Task Force, other regional representatives, and the public heard updates on the Bureau of Ocean Energy Management’s (BOEM) leasing effort in the New York Bight (NY Bight). BOEM staff introduced the NY Bight Wind Energy Areas (WEAs) and provided an overview of and sought in-depth feedback on the draft Proposed Sale Notice (PSN) and related auction format. The Task Force also heard updates and reactions to the Draft PSN from the Department of Defense (DOD), the U.S. Coast Guard (USCG), National Marine Fisheries Service (NMFS), and the United States Army Corps of Engineers (USACE). Representatives from the States of New York and New Jersey presented their reflections on the PSN and updated the Task Force on offshore wind energy development activities in their respective states. Task Force members also had an opportunity to discuss the Draft PSN in small groups. Over the two days, there were also two opportunities for public input on topics being considered by the Task Force. The meeting closed with a presentation on the next steps and timeline for the leasing process.

A list of meeting participants is attached to the end of this summary. Presentation slides and the meeting recordings (organized by presentation) are available at: <https://www.boem.gov/new-york-bight-task-force-virtual-meeting-room>.

ACTION ITEMS

Who	What
BOEM	<ul style="list-style-type: none"> • Post all presentation slides, meeting summary, and meeting recording • Review and follow-up, as appropriate, on leasing-related issues raised during Task Force discussions (plenary and breakout)
Task Force Members	<ul style="list-style-type: none"> • Continue to submit comments on the draft PSN

ATTENDANCE

Over the two days, 51 Task Force members attended the meeting. Additionally, approximately 541 members of the public attended the meeting. These participants included federal, state, and local representatives, as well as representatives from environmental NGOs, the offshore wind energy industry, and others.

DISCUSSION

Below is a summary of key themes and topics discussed during both days of the meeting.

Welcome & Opening Remarks

Amanda Lefton (Director of BOEM); Doreen Harris (President and CEO of NYSERDA); Jane Cohen (Director of NJ Office of Climate Action and the Green Economy), offered welcoming remarks to the Task Force and the public. The speakers emphasized the work BOEM has done to reinvigorate wind energy development in the NY Bight; the importance of state and local leadership in moving offshore wind development forward; and the urgent need to scale up renewable energy capacity to meet state procurement targets and address climate change by reducing emissions. The remarks also highlighted the potential for the offshore wind industry to act as an economic driver, bringing multiple benefits to the region and country. Finally, the opening comments underscored the need for meaningful engagement with all NY Bight users throughout the entire leasing process.

Wind Energy Areas and Proposed Sale Notice

Luke Feinberg (BOEM) provided an overview of the status of BOEM's Atlantic offshore wind program. He reviewed the procedural steps of the leasing process, noting BOEM is currently focused on the planning and analysis phase. Mr. Feinberg then gave an overview of the NY Bight Wind Energy Area (WEAs) development and relevant considerations, and reviewed the draft Proposed Sale Notice (PSN), including a description of the lease areas, which strive to represent a balance between existing users and emerging industry. Task Force member questions and remarks focused on better understanding: (1) how BOEM will work to resolve areas conflicted with DOD exclusion zones; (2) vessel traffic patterns in the WEAs, particularly within the Fairways; and (3) understanding the NEPA process, and the different types/stages of environmental review that take place throughout the entire process. Comments also emphasized the importance of comprehensive stakeholder engagement with all users of the NY Bight (with some Task Force members noting the absence of fishing industry representation).

Auction Format and Lease Terms

Josh Gange (BOEM) provided an overview of the auction format and lease terms. He explained BOEM's statutory authority for the leasing process and noted the proposed auction format was an ascending-bid, single-factor monetary auction. He then asked for specific input regarding minimum bid deposits and limits on areas per bidder. Mr. Gange also reviewed existing lease stipulations, as well as several possible lease stipulations relating to operating fee modifications, technologies for mooring designs, and compliance with tribal pre-survey meetings. Task Force member questions and remarks focused on: (1) clarification of the auction process, (2) requests/rationales for BOEM prioritization of maximizing competition for leasing, and (3) resources available for the protection of marine life/users in the NY Bight; this clarification specifically focused on understanding the process and timing for conducting an Environmental Assessment versus Environmental Impact Statement.

Updates and Feedback on the Proposed Sale Notice: Federal Agency Perspectives

Department of Defense (DOD):

Steven Sample (Executive Director, Military Aviation and Installation Assurance Siting Clearinghouse) presented DOD reflections and feedback on the PSN. He explained that DOD could accommodate development for most of the Call areas based on a December 2020 analysis, with three exceptions: (1) the Air Force identified compatibility issues with weather radar and

requested that turbines remain below 1000 feet in Hudson South; (2) the North American Aerospace Defense Command (NORAD) requested mitigation efforts for national security long-range-radar, and (3) the Department of the Navy identified conflicts with training activities in the Hudson South-A proposed lease area. Mr. Sample emphasized that seven of the eight WEAs avoided the most critical impacts to DOD, and that their preference was to move forward with the WEAs that avoided those possible impacts. He also expressed a willingness to consult with potential developers wanting to better understand DOD constraints. Mr. Sample concluded by conveying DOD would continue working with BOEM to further mitigate the identified impacts in the Hudson South-A lease area.

United State Coast Guard (USCG):

George Detweiler (Marine Transportation Specialist) presented USCG reflections and feedback on the PSN. He highlighted the USCG would be committed to supporting the maritime community throughout this process, and in particular, that it would be working on developing a routing system of shipping safety fairways along the Atlantic Coast by “converting” the navigation corridors identified in the Atlantic Coast Port Access Route Study (ACPARS). He further explained that the USCG was studying several routing options, with the objective of preserving Hudson North and South with minimal to no reduction. He then reviewed several options and considerations for possible fairways. In closing, Mr. Detweiler summarized USCG’s next steps to finalize the Notice of Proposed Rulemaking (NPRM) in the Federal Register, conduct public outreach, review and address comments as appropriate, adjust the fairway system if applicable, and continue to work with BOEM throughout their process, as well as with all stakeholders.

National Marine Fisheries Service (NMFS):

Sue Tuxbury (Wind Program Coordinator) presented NMFS reflections and feedback on the PSN. NMFS feedback focused on fisheries, protected species, and other marine resources that may overlap with future development in the NY Bight. NMFS also offered insights on the impacts of development on NMFS’ monitoring and surveying activities. Ms. Tuxbury further specified that proposed lease areas Hudson South B, C, and D would have greater impacts on fisheries and recommended that prior to leasing areas, BOEM further consult with impacted fisheries stakeholders to evaluate accessibility. Ms. Tuxbury then listed several other specific items for BOEM to consider: (1) impacts on the North Atlantic Right Whale; (2) impacts on the Cold Pool and water column stratification, as well as other ecologically sensitive habitats; and (3) cable transmission and landfall planning. Finally, Ms. Tuxbury recommended early and continuous coordination with NOAA.

United States Army Corps of Engineers (USACE):

Naomi Handell (Regulatory Program Division) presented USACE reflections and feedback on the PSN. She noted USACE would look at permitting issues as they related to lease areas/turbine locations and cable landings. Specifically, when looking at permitting issues for the former, USACE focuses on safety and navigation. For cable landings, the USACE focuses on burial depth requirements, federal project impacts (Section 408), construction schedules/interference with shipping, contaminated sediments, wetlands, and borrow areas. Ms. Handell also noted the USACE’s responsibility for examining water way uses and potential conflicts (e.g., anchorage areas, potential fairways, etc.). Finally, she explained that in order for USACE to issue permits,

all issues, objections, and concerns that had been discussed thus far would need to be resolved (i.e., those detailed above).

In response to all of the above updates, feedback, and reflections, Task Force member questions and remarks focused on: (1) certainty of federal cable burial depths, and (2) tug/toe lanes within the designated fairways. Task Force members also posed a number of clarifying questions.

Updates and Feedback on the Proposed Sale Notice & State Offshore Wind Updates

New York State Perspectives

Adrienne Downey and Greg Lampman (NYSERDA) reviewed New York State's clean energy goals and offshore wind portfolio. They shared the state's goal of 9000MW by 2035 and noted that the portfolio currently contained 5 projects (i.e., 4316MW, 6800 jobs, and \$12.1B in economic activity). They also presented initial reactions to the draft PSN. While broadly supporting the general approaches outlined in the draft PSN, NYS comments focused on recommending BOEM continue to work through the existing conflicts, push to more fully understand impacts on marine users and wildlife, work proactively to resolve outstanding issues on transit lanes, lease area border considerations, and safety issues. They further encouraged consideration of a tightly sequenced, continuous auction process that would promote clarity around the sales of each area. It was also noted that New York State continues to discourage leasing of the Fairways North and South based on maritime fishing conflicts, as well as distance from shore. New York State strongly encourages consultation with the fishing industry in particular.

New Jersey Perspectives

Jim Ferris (NJ BPU) and Megan Brunatti (NJDEP) presented New Jersey's initial reactions to the draft PSN. In particular, they noted that New Jersey and New York are in agreement on everything with the exception of the number and size of the lease areas. NJ proposes BOEM combine smaller lease areas (Hudson South C and D, and E and F) to allow for flexibility in project design and achieve economies of scale with larger projects. NJ also recommended including a lease area in the Fairways North WEA. Further initial responses focused on ensuring competition for the available leases and not placing undue burden on ratepayers, innovation around dealing with transmission, agreement on limits per bidder (with 8 lease areas as the threshold), as well as acknowledging the current approach for mitigating visual impacts is appropriate. NJDEP suggested adding an additional transit lane and strongly recommended avoiding crossing transit lanes. Finally, NJ encouraged BOEM to strive to avoid environmentally sensitive areas and emphasized it would review each cable landfall on a case-specific basis to provide guidance on compliance or, if necessary, mitigation.

Summary of Task Force Round Table Discussions

On Day Two, BOEM provided time for Task Force only breakout groups to enable members to provide more in-depth feedback on a handful of topics important to BOEM. Key takeaways from these discussions are grouped below (by topic) and draw on responses across all breakout groups. The summary below is intended to capture the breadth of ideas discussed and is not intended to represent consensus views.

Question 1: Number, size, orientation, and location of the proposed lease areas.

- General agreement regarding the merits of larger lease areas allowing for more flexibility for developers; importance/value to developers and interested stakeholders of having leasing parameters finalized prior to the auction (e.g., DOD height limitations, transit lanes, etc.).
- Suggestions that BOEM consider allowing developers to secure only 1 lease area each if BOEM opts to combine smaller lease areas; alternatively, BOEM could allow for up to 2 lease areas each if BOEM moves forward with the current configuration.
- Continued mixed views on the merits of including or excluding the Fairways for leasing.
- Important to continue efforts to deconflict the areas listed by DOD and USCG, ideally prior to the lease sale.
- Ensure BOEM revisits the latest sightings data to ensure its leasing decisions are informed by the most current understanding of whales, sea turtles, and other protected species, as well as issues related to Native American sacred and cultural sites, submerged lands, etc.

Question 2: Transit corridors

- Set clear expectations for layout/agreed upon layout for areas together to best consider the needs of all stakeholders including fishing industry and all maritime users (consideration of transit costs is key); optimizing turbine layouts and spacing; clarification needed from BOEM to understand if those transit corridors *include* setbacks.
- Consensus between states/fishing communities and RODA on transit corridor locations, width and orientation before the sale is released would be helpful; use of the RODA MOU for deeper consultation/conversation.

Question 3: Auction Details – Limits per bidder and Minimum Bid

- Ensure adequate competition to support robust participation in future state procurements.
- Per customer limits tailored to number of lease areas offered for sale.
- Appreciation for BOEM giving a detailed/thorough explanation of how the auction would proceed and subsequent rounds, how a bidder can participate, and when it would be closed.

Question 4: Lease Sale Prices

- Strong concern from both NYS and NJ regarding the potential impact on NY and NJ ratepayers given an auction structure intended to maximize bid revenue; BOEM was urged to explore options for revenue-sharing (workforce development in disadvantaged communities, offshore wind research and monitoring needs, mitigation, etc.).
- General interest in better understanding issues related to bid revenue, impacts to ratepayers, and possible safeguards.

Others issued discussed:

- Cable corridors and siting cables properly were cited as particularly important to consider, especially given the density of Hudson South.
- The need for better fisheries data to shape lease areas and minimize impacts to the fishing industry. Similarly, a strong call for BOEM to continue working with fisheries industry stakeholders to deconflict lease areas, as possible.

Next Steps in the Leasing Process

Luke Feinberg (BOEM) provided a brief overview of the next steps for the process. He highlighted that BOEM had completed the area identification process and the Environmental Assessment has begun. He then reiterated that the PSN would be published in the Federal Register and inform the areas for leasing, fiscal terms, auction details, lease terms, and the final qualifications. Following this would be the release of the Final Sale Notice and the resulting auctions and lease sale.

Public Input Opportunity

Below is a summary of the questions and feedback offered during the two public input sessions. The summary represents categories of individual remarks only.

- Addressing potential conflicts with fisheries: Several meeting attendees voiced concern that BOEM is not adequately considering the input and impacts on the fisheries industry. Particular emphasis was placed on the absence of the fishing industry at the meeting, the first day due to a conflict and the second day due to boycott. It was emphasized that offshore wind development needs to be done in meaningful consultation with the fisheries industry.
- Navigational safety: Several attendees underscored the significance and importance of navigational safety as a hallmark consideration for the entire offshore wind development process, especially given the magnitude of activity that takes place daily in the NY/NJ port. It was stressed that any potential for maritime accident is unacceptable. Particular emphasis was also placed on the distance of setbacks, with 2 miles proposed as appropriate. Additionally, the considerations for the design and development of tug-and-tow lanes, whether transit would be permitted through the windfarm, and the importance of consulting with the fisheries industry to determine these parameters given their experience and use.
- Natural resources and wildlife protection: Many attendees emphasized the importance of wildlife and natural resource protection as another hallmark of the entire process. Particular focus was drawn to mitigating impacts on birds, whales, the cold pool, and other sensitive ecosystems. Attendees raised concern regarding why there was not Environmental Impact Statement being conducted prior to leasing, and whether or not the current data and surveys were sufficient (BOEM explained that an EIS is conducted later in the process).
- Public engagement timelines: several attendees had clarifying questions regarding the public comment process and whether or not it would be possible for BOEM to extend the current period to accommodate more in-depth reviews.
- Consultation process clarification: Attendees confirmed how consultation would be conducted with coastal Tribal Governments whose ancestral territories, graves, and sacred sites could be impacted by offshore wind development. It was noted that Section 106 requires ongoing government-to-government consultation, and takes place for the Environmental Assessment, as well as the EIS.
- BOEM praise: Many attendees thank BOEM for its work thus far on reviving, coordinating, and pushing forward the offshore wind development in the NY Bight. Several organizations offered their willingness and availability to cooperate and coordinate as BOEM moves forward with the process.

Closing Remarks

Kisha Santiago-Martinez (New York State Department of State), Katharine Petronis (New York State Department of Environmental Conservation), Jane Cohen (New Jersey Office of Climate Action and the Green Economy), and Jim Bennett (BOEM) offered closing remarks to the Task Force and the public. The speakers highlighted the historic moment for offshore wind in the U.S., BOEM's coordination efforts thus far, and the importance of meaningful consultation with all NY Bight stakeholders, particularly the commercial fishing industry and Tribal governments. They also emphasized the importance of transparency, continued cooperation, and early coordination across all these efforts. Jim Bennett closed by offering some of BOEM's takeaways from the meeting, including consideration for sequential auction results, combining lease areas into single larger areas, use of the RODA MOU to increase consultation, and fostering coordination with all relevant agencies and stakeholders involved.

The meeting adjourned.

Appendix A: Memorandum of Understanding Between NOAA, NMFS, BOEM, and RODA
Also available for viewing online at: <https://www.boem.gov/sites/default/files/renewable-energy-program/NOAA-BOEM-MOU.pdf>

Memorandum of Understanding
Between the
National Oceanic and Atmospheric Administration's
National Marine Fisheries Service,
Bureau of Ocean Energy Management
And
The Responsible Offshore Development Alliance

1. National Oceanic and Atmospheric Administration

The National Oceanic and Atmospheric Administration (NOAA) is the federal agency charged by Congress as the primary federal agency with statutory and regulatory stewardship of living marine resources that includes the management of marine fisheries, the protection of marine mammals and endangered and threatened species, and the conservation and restoration of important marine habitats. NOAA's National Marine Fisheries Service's (NMFS) national strategic goals include maximizing fishing opportunities while ensuring the sustainability of fisheries and fishing communities and recovering and conserving protected species while supporting responsible fishing and resource development.

2. Bureau of Ocean Energy Management

The Bureau of Ocean Energy Management (BOEM) is a bureau within the U.S. Department of the Interior that has been delegated the Department's Congressionally granted authority to grant leases, easements, and rights-of-way on the Outer Continental Shelf (OCS) for the purpose of renewable energy production. BOEM ensures that activities under such leases, easements, or rights-of-way provide for consideration of any other use of the sea or seabed, including commercial fisheries. BOEM's Office of Renewable Energy Programs (OREP) is the Office responsible for carrying out BOEM's renewable energy responsibilities on the Atlantic OCS.

3. Responsible Offshore Development Alliance

The Responsible Offshore Development Alliance (RODA) is a membership-based coalition of fishing industry associations and fishing companies, which have an interest in improving the compatibility of offshore developments with commercial fishing. RODA membership is open to all entities that have a direct interest in commercial fishing, and its current board is comprised of individuals involved with all major fishing industry sectors in the Northwest Atlantic region. RODA coordinates among existing advisory groups to increase the effectiveness of fishery consultation efforts. It further seeks to work with federal, state, academic, and independent scientific and regulatory communities to compile, develop, and deliver the best available scientific products and services necessary to address offshore development, fisheries management, and ecosystem health.

4. Offshore Wind Development

Congress and the Executive Branch support efforts to advance offshore wind energy on the U.S. OCS. Offshore wind energy development will soon enter the construction phase for multiple projects along the east coast of the United States. To date, BOEM/OREP has 15 active commercial offshore wind leases on the Atlantic OCS from North Carolina to Massachusetts, and is in the process of identifying and leasing additional areas for offshore development. It is prudent for offshore wind developers, fisheries managers, and fisheries scientists to work together to avoid, minimize, or mitigate potential adverse impacts to fisheries resources, fishing communities, protected resources, and important marine habitats.

5. Areas of Mutual Interest

- NOAA/NMFS, BOEM, and RODA (Parties) have a mutual interest in the responsible planning, siting, and development of offshore wind power and other offshore development activities in a way that considers impacts to the fishing industry, fisheries resources, protected resources, and the marine habitats upon which fishery resources depend.
- The Parties have a mutual interest in employing effective engagement strategies that can efficiently include and consider the broad and diverse range of regional and local fishing interests. Fisheries expertise and knowledge should be used to improve coordination between fisheries management and offshore wind energy development.
- The Parties have a mutual interest in collaborating to design, develop, and make available fisheries information, ecosystem information, and collaborative research results.
- The Parties have a mutual interest in improving the accuracy, relevance, and usefulness of this information and research.

6. Agreement

The Parties agree to explore potential collaborations on issues of mutual interest, including: effectively engaging local and regional fishing interests in the offshore wind development process; identifying the most effective ways to bring fishing industry expertise and information into planning and development processes; and developing a collaborative regional research and monitoring framework to ensure decisions are based on the best available science. These collaborations would also include other relevant federal agencies, states, and/or private sector entities, as necessary. If the Parties decide to collaborate on an issue of mutual interest, they may execute additional agreements consistent with this MOU for the provision of specific services and funding. This MOU does not reduce, expand, transfer, or otherwise modify any of the statutory or regulatory authorities and responsibilities of the signatory agencies.

7. Authorities

- The Magnuson-Stevens Fishery Conservation and Management Act, 16 U.S.C. §§ 1801 *et seq.*;
- The Endangered Species Act, 16 U.S.C. §§ 1531 *et seq.*;

- The Marine Mammal Protection Act, 16 U.S.C. §§ 1361 *et seq.*; and
- Outer Continental Shelf Lands Act, 43 U.S.C. §§ 1331 *et seq.*

8. Period of Agreement, Modifications, or Termination

- This MOU will become effective upon the date of the last signature and will remain in effect for 10 years. The Parties agree to review the terms and conditions of this MOU on a biennial basis to determine whether the MOU should remain as written, or be extended, revised, or canceled.
- The Parties may amend this MOU at any time by mutual written consent.
- Any Party may terminate this MOA by providing 90 days written notice to the signatory of the other Parties.

9. Commitments and Obligations

1. This MOU does not constitute a financial commitment by the Parties. Nothing in this agreement should be construed to obligate agency funds, property, or services. This agreement does not commit the Parties to enter into any contract or binding obligation, or to spend funds on any particular project or purpose.
2. Nothing in this MOU is intended to or will be construed to limit or affect in any way the authority or legal responsibilities of the federal parties.
3. Nothing in this MOU obligates BOEM and NOAA to take any actions that would exceed their respective authorities.
4. Nothing in this agreement may be construed to obligate BOEM or NOAA to commit resources in advance of the availability of appropriations from Congress, nor does this agreement obligate the United States to spend funds on any particular project or purpose, even if funds are available.
5. The mission requirements, funding, personnel, and other priorities of BOEM and/or NOAA may affect their ability to fully implement all the provisions identified in this MOU.
6. Nothing in this MOU is intended to or will be construed to restrict BOEM or NOAA from participating in similar activities or arrangements with other public or private agencies, organizations, or individuals.
7. This MOU is not intended to, and does not, create any right or benefit, substantive or procedural, enforceable at law or in equity by any party against the United States, its Departments, agencies, or entities, its officers, employees, or agents, or any other person.
8. Any information furnished between the Parties may be subject to the Freedom of Information Act (FOIA), 5 U.S.C. §§ 552 *et seq.*
9. This MOU is subject to the laws of the United States of America, as applicable.

10. All cooperative work under the provisions of this MOU will be accomplished without discrimination against any employee because of race, sex, creed, color, national origin, or any other legally protected class as identified in Federal or State law or the United States Constitution, or the United States Constitution, as applicable.
11. Nothing in this agreement may be interpreted to imply that the United States, BOEM, or NOAA endorses any product, service, or policy of RODA. RODA will not take any action or make any statement that suggests or implies such an endorsement.
12. Nothing in this agreement may be interpreted to imply that RODA or any of its membership endorses any product, service, policy or determination of BOEM or NOAA. BOEM or NOAA will not take any action or make any statements that suggest or implies such an endorsement.
13. The parties will comply with the Federal Advisory Committee Act to the extent it applies. The Parties do not intend to create a Federal Advisory Committee and will not take any action that would require chartering a Federal Advisory Committee.
14. Any financial support in the furtherance of the objectives of this MOU will be contingent upon the availability of funds and subject to the ordinary budgetary and administrative procedures of the Parties, as applicable.

ENTER SIGNATURE BLOCKS HERE:

Chris Oliver

Chris Oliver
Assistant Administrator
NOAA- Fisheries

3/25/19

Date

Walter D. Cruickshank

Walter D. Cruickshank
Acting Director
Bureau of Ocean Energy Management

3-19-2019

Date

Peter Hughes

Peter Hughes
President, Responsible Offshore Development Alliance

3/21/19

Date

Appendix B: Participant List

Please note these lists coalesce attendees from both days of the meeting.

Task Force Members who participated as a panelist

First Name	Last Name	Last Name
Jerry	Barnes	United States Coast Guard (USCG)
Joe	Bilinski	NJ DEP
Megan	Brunatti	NJ DEP
Morgan	Brunbauer	NYSERDA
Colleen	Brust	NJ DEP
Gary	Buchanan	NJ DEP
Doug	Christel	NOAA
Jane	Cohen	Governor's Office of Climate Action and Green Energy
Lisa	Covert	NYS DEC
Matt	Creelman	United States Coast Guard (USCG)
Julie	Crocker	NOAA
Michele	DesAutels	United States Coast Guard (USCG)
George H.	Detweiler	USCG
Lisa	Engler	MA CZM
Jim	Ferris	New Jersey Board of Public Utilities
Stephanie	Forrest	New Jersey Board of Public Utilities
Karen	Gaidasz	NYS DEC
Kari	Gathen	NYS DOS
Leka	Gjona	NYS DOS
Karen	Greene	NOAA
Naomi	Handell	USACE NAD
Doreen	Harris	NYSERDA
Kevin	Hassell	NJ DEP
Sherryll	Huber	NYSERDA
Maureen	Kallgren	USCG
Kerry	Kehoe	NOAA
Mary	Krueger	National Park Service
Gregory	Lampman	NYSERDA

Matthew	Maraglio	NYS DOS
Kate	McClellan Press	NYSERDA
Nate	Mckenzie	DOE
Laura	McLean	NYS DOS
Dawn	McReynolds	NYSDEC
Katherine	Nolan	NJ DEP
Harold	Peterson	Bureau of Indian Affairs
Viorica	Petriman	EPA
Katharine	Petronis	NYS DEC
Sarah	Quinn	National Park Service
Ryann	Reagan	New Jersey Board of Public Utilities
Tom	Rienzo	NYS DPS
Steve	Sample	Military Aviation and Installation Assurance Siting Clearinghouse
Kisha	Santiago-Martinez	New York State
David	Saunders	Bureau of Indian Affairs
Matthew	Senska	Dept. of the Navy
Girair	Simon	Department of Defense
Nick	Sisson	NOAA
Michael	Snyder	NY Department of State (NYDOS), Ocean and Great Lakes Program
Jared	Snyder	NYS DEC
Julia	Socrates	NYS DEC
Dave	Stickle	Borough of Monmouth Beach
Sue	Tuxbury	NOAA

Facilitation Team

First Name	Last Name	Affiliation
Bennett	Brooks	Consensus Building Institute
Sofia	Soto Reyes	Consensus Building Institute
Zoe	Miller	Consensus Building Institute

Federal/State Representatives & Public Attendees

First Name	Last Name	Affiliation
Molly	Adams	-
Ina	Adegeest	Rutter Inc.
Sarah	Aftergood	DNV
Frank	Agosta	I L A
Leonardo	Alavian	NYPA
Tania	Allard	NYSERDA
J.D.	Allen	WSHU Public Radio
Katie	Almeida	The Town Dock
Peter	Anthony	Eastern Fisheries
Anthony	Armpriester	Developer
Matt	Art	e4sciences
Michael	Auriemma	NJDEP Bureau of Marine Fisheries
Timothy	Axelsson	Turbine OEM
Michelle	Bachman, NEFMC	NEFMC
Kyle	Baker	BOEM
Jen	Banks	AECOM
Surya	Banumurthy	FPS Engineering & Technology, LLC
Connie	Barnett	BOEM
Elizabeth	Basista	Industry
Philip	Bassil	N
Eva	Bauer	CADR
Claudio	Bazzichelli	Tiber International Group
Daniel	Beals	BOEM
Julia	Beaty	Mid-Atlantic Fishery Management Council (staff)
Rebecca	Beauregard	Kearns & West
Jen	Becker	NJ EDA
Damian	Bednarz	EnBW North America
Claire	Behrens	AFRY Management Consulting
Michael	Behrens	ORSTED

Francisca	Benitez	N/A
Sharon	Benjamin	NOAA
James	Bennett	BOEM
Hendrik	Berends	Developer
Eugene	Bergson	Blue Harvest Fisheries LLC
James	Bernthal-Hooker	4C Offshore
Jamie	Bessmann	Developer
Thomas	Bjurluf	geodesic.io
Mary	Boatman	BOEM
Taryn	Boland	NJBPU
Timothy	Bolger	Long Island Press
Charlie	Bontempo	Port Authority of NY & NJ
Jay	Borkland	Avangrid Renewables
Idrissa	Boube	BOEM
Stephen	Boutwell	BOEM
Catherine	Bowes	NWF
Rhea	Bozic	CLEAN FUELS CONSULTING
Bonnie	Brady	LICFA
David	Brezler	Brezler, LLC
Jenny	Briot	developer
Joseph	Brodie	Rutgers University
Matthew	Brotmann	Equinor
Lisa	Broughton	Suffolk County Energy Office
Tricia	Brown	NASRCC
James	Browne	Conservation and Waterways, Town of Hempstead
Bo	Buchynsky	Diamond Generating Corporation
Leann	Bullin	BOEM
Brandon	Burke	Business Network for Offshore Wind
Drew	Burke	Shell Renewables & Energy Solutions
Derek	Burrill	USCG
Rain	Byars	Shell
Samuel	Cable	BOEM
Shari	Calnero	NYS OPRHP

Merry	Camhi	Wildlife Conservation Society
Adam	Camp	Rise Light & Power
Jeremy	Campbell	NYSDOS
Immanuel	Capano	Saitec Offshore
GREGORY	CAPOBIANCO	NYS DOS
Bruce	Carlisle	Massachusetts Clean Energy Center
Peter	Carney	NYISO
Brandi	Carrier	BOEM
Jim	Casey	USN
Colleen	Cassidy	PSEG
James	Certa	New York State Power Authority
Emma	Chaiken	BOEM
Aideen	Chapman	American Clean Power Association
Alison	Chase	NRDC
Paulina	Chen	BOEM
Noah	Chesnin	Wildlife Conservation Society
Emma	Chick	COWI
Uendra	Chivukula	NJ Board of Public Utilities
Iker	Chocarro Aguirrebengoa	RWE Renewables Americas
Dan	Chorost	Sive, Paget & Riesel
Jordan	Christensen	Citizens Campaign for the Environment
massimo	ciarla	Tiber International Group Inc
Michael	Cinquanti	Consultant
Genevieve	Clifton	NJDOT
Coke	Coakley	TRC Environmental
Mary	Cody	BOEM
Monica	Coffey	Sustainable Downbeach
Sarah	Coffman	BOEM
Benjamin	Cohen	NYISO
Maxwell	Cohen	Developer
Kimberly	Cole	DE Department of Natural Resources and Environmental Control, Coastal Programs
Chantal	Collier	The Nature Conservancy

Ray	Collins	Eversource Energy
Stephen	Conant	ST Advising
Jarett	Contino	Ocean Winds
Brent	Cooper	COWI
Doug	Copeland	Atlantic Shores
Paul	Copleman	Diamond Offshore Wind
Mark	Coplen	Program management
Sarah	Courbis	Advisian Worley Group
Fara	Courtney	Outer Harbor Consulting
John	Crowther	Stantec Consulting Inc.
Chris	Cunnane	Interested in supply chain support
Erin	Curran	Invenergy
Michael	Davidsen	COWI
Andrew	Davis	NYS Dept. of Public Service
Boone	Davis	Atlantic Offshore Terminals
Maureen	de Zeeuw	BOEM - AK Regional Office
Rose	DeCosta	Vineyard Wind
Andrew	Deeley	National Grid
Trudy	Delaney	SCEDC Intern
John	Dempsey	PSEG
Rich	Denis	Siemens
Jeremy	Denman	Mott MacDonald
Kelly	Dennis	Shinnecock
Dharmin	Desai	Self
Mariah	Dignan	Climate Jobs NY
Anthony	Dilernia	NYSERDA
Nicole	DiPaolo	National Wildlife Federation
Jennifer	Dlouhy	Bloomberg News
Patricia	Doerr	The Nature Conservancy of New Jersey
Amalie	Doetsch	n/a
Greg	Dolan	Massachusetts Clean Energy Center
Mark	Donahue	Boat Builder
Elizabeth	Donohue	Eversource

Chris	Dorey	Rutgers University
Christopher	Dorman	Mainstream Renewable Power
Charles	Dougherty	Arthur Kill Terminal
Diane	Dow	NJDEP
Stephen	Drew	Sea Risk Solutions LLC
Justin	Driscoll	energy sector
Alana	Duerr	DNV
Steven	Eget	WSP
Paul	Eidman	Anglers for Offshore wind power
Jorge M.	El Koury Francisco	consultant
Laila	El-Ashmawy	NYSERDA
Colleen	Elliott	Langan Engineering & Environmental Services, Inc.
Jay	Elsner	fishing
Lisa	Engler	MA Office of Coastal Zone Management
Jeffrey	Entin	AKRF, Inc.
Jessica	Enzmann	Sierra Club
Bob	Erickson	CSA Ocean Sciences Inc
Michael	Ernst	New York Transco
George	Fagan	Clean Ocean Action
Omaira	Falcon	BOEM
Courtney	Farge	Member of the public
Scott	Farley	
Paul	Farnham	montauk fish dock inc.
Michael	Farrell	AES
Luke	Feinberg	BOEM
Pasha	Feinberg	Independent Consultant
Robyn	Fellrath	New York State Department of Labor
Shilo	Felton	National Audubon Society
Madeleine	Fenderson	Tetra Tech
Marianne	Ferguson	NOAA Fisheries
Javier	Fernandez	OW Ocean Winds
Joanne	Fernandez	Orsted
Rebecca	Ferres	Department of State

Jennifer	field	NEE
John	Filostrat	BOEM
Adrienne	Fink	Offshore Wind Consultants (OWC)
Whitney	Fiore	SWCA
Lindsay	Fisch	interested member of public
Beth	Fiteni	NYS DPS
Kenneth	Fitzgerald	Public
Kim	Fitzgibbons	Kleinschmidt Associates
Jeffrey	Fitzler	Marmen Energy Co
Luisa	Florez	bp
Casey	Fontana	Invenergy
Jeff	Freedman	Atmospheric Sciences Research Center, State University of New York
Marie	French	POLITICO
Juan	Frias	OWC
David E.	Frulla	Kelley Drye & Warren LLP
Janice	Fuller	Anbaric Development
Joshua	Gange	BOEM
Nelson	Garcez	Smart Strategies LLC
Kathleen	Gasperini	Alliance for Clean Energy NY
Harper	Gay	n/a
Andy	Geissbuehler	Renewable Resources International
Bettina	Geissbuehler	Renewable Resources International
Ryan	Gergely	NJDEP
Jason	Gershowitz	Kearns & West
Neil	Giannelli	NYS Sen Joseph P Addabbo, Jr
George	Gibberd	Everoze Partners (UK Consultancy)
Peter	Giller	Energia4 corp
Connie	Gillette	BOEM
James	Glennie	Embassy of Denmark
Peter	Glus	Arcadis
David	Gmach	David Gmach
Gabe	Goldberg	Invenergy LLC
Jason	Goldstein	WSP (Env. Consultants)

Ross	Gould	Business Network for Offshore Wind
Matt	Gove	Surfrider Foundation
Elizabeth	Gowell	Orsted
Stephanie	Goyette	Tetra Tech
Jeff	Grabner	Technostrobe
Bob	Grace	Sustainable Energy Advantage, LLC
John	Grause	Rothschild & Co
Shane	Gray	BOEM
Phillip	Green	Green Powered Technology
Rebecca	Green	NREL
Karen	Greene	NOAA
Nathanael	Greene	NRDC
Linde	Greening	Department of Energy
Howarth	Greenoak	Engineering
Pamela	Grefsrud	BOEM Alaska Region
Matthew	Greller	Matthew N. Greller, Esq., LLC
Daniel	Grenier	Tetra Tech
Maria	Grønnegaard	COWI
Kara	Gross	Orsted Offshore NA
Sean	Grygiel	Public
Sunny	Gupta	Independent
Caroline	Hahn	NYLCV
Terra	Haight	NY Dept of State
John	Hailperin	Meditation4Leadership
Katarina	Hallden	Seatower
Hassan	Hamdan	Mott MacDonald
Kelly	Hammerle	BOEM
Jon	Hansen	Embassy of Norway
Mark	Harrington	Newsday
Andre	Harris	Inventor
Joseph	Hartigan	Rockaway Queens
Prescott	Hartshorne	National Grid Ventures
Marty	Heinze	BOEM

Helen	Henderson	Responsible Offshore Science Alliance
Nathan	Henderson	AECOM
Tyler	Hepner	NYSDEC
Janna	Herndon	NYSERDA
Amber	Hewett	National Wildlife Federation
Lyndie	Hice-Dunton	ROSA
Kyle	Hilberg	Atlantic Shores
Ed	Hill Jr	International Brotherhood of Electrical Workers
Amanda	Hitchcock	Normandeau
Gregory	Hitchen	US Coast Guard Sector New York
Nabil	Hitti	National Grid
John	Hopkins	IACMI-The Composites Institute
Timothy	Howe	TRG Executive Search
Ursula	Howson	BOEM
Steve	Hsu	ABB Power Grids LTD.
David	Iaconangelo	E&E News
Lubaba	Islam	Con Edison
Danielle	Iuliucci	GES
Lance	Jackson	Public
Rhonda	Jackson	Consultant
Taylor	Jacobs	Lium
Jerome	Jacquemin	Everoze
Linda	James	Renewable Energy Long Island
Todd	Janeski	VA Commonwealth Univ/ VA Coastal Program
Mark	Jaworski	Baird & Associates
Eric	Johansson	Commercial Maritime
Carliane	Johnson	SeaJay Environmental
Mitch	Johnson	Oceanering
Patrick	Johnson	National Grid Renewables
Peter	Johnson	Amerigo Green Jobs
Rhaman	Johnson	NJ Board of Public Utilities
Shawntel	Johnson	Ocean Infinity America, Inc.
Scott	Johnston	US Fish and Wildlife Service

Lane	Johnston	RODA
Zach	Jylkka	BOEM
Anne-Elizabeth	Kaitano	VHB
Erik	Kalapinski	Consulting Engineer - Acoustics and Underwater Noise
Todd	Kaminsky	New York State Senate
Dirk	Kassen	Smulders Group
Isabel	Kaubisch	EnBW
Thomas	Kehoe	Elected Official
Kristin	Kelleher	British Consulate
Edward	Kelly	Public
Monty	Kemiki	BOEM
Jim	Kendall	New Bedford Seafood Consulting
Ami	Khalsa	Power Advisory LLC
Atma	Khalsa	Independent Consultant
Kristi	Kienholz	ROSA
Michael	Killeavy	Power Advisory LLC
Kyle	Kingman	Offshore Power LLC
Katie	Kinsella	VHB
Kimberly	Klein	BOEM
André	Korolev Duarte	OW
Julia	Kortrey	NJ Economic Development Authority
Dean	Koujak	Guidehouse, Inc.
Amy	Krebs	Stantec
Justin	Krebs	AKRF, Inc.
Brian	Krevor	Bureau of Ocean Energy Management
Anastasija	Kuprijanova	Hornblower Group
Erin	LaBrecque	US Marine Mammal Commission
Jim	Lanard	Magellan Wind
Elizabeth	Lange	
Erin	Langor	Equinor
Tony	LaRusso	National Grid Ventures
Kelly	Latimer	Department of Interior Collaborative Action and Dispute Resolution

Sheri	Lauten	National Grid Ventures
Kira	Lawrence	
Bryan	Lees	consultant
Kelsey	Leonard	NA
Ron	Leonard	Renewable Energy Coalition chairman/founder
Stuart	Levenbach	Shell
Naomi	Lewandowski	DOE
Julia	Lewis	Equinor
James	Lima	Bureau of Ocean Energy Management
Peter	Lion	NYSERDA
Mike	LiPetri	Managing Director of Park Strategies, LLC
Gregory	Lipscomb, AICP	HQ USMC, MCICOM, G-7
Julia	Livermore	RIDEM Division of Marine Fisheries
Carl	LoBue	The Nature Conservancy
Tom	Locascio	Long Island Power Authority
Lloyd	Lomelino	NJDEP
Lydia	Lostan	Shell
Scott	Lundin	Equinor Wind US
Jamie	MacDonald	Xodus Group - Director of Operations
David	MacDuffee	BOEM
Joe	MacIntyre	National Grid OSW US Procurement
James	Madson	Wells Fargo
Paula	Major	Mainstream Renewable Power
Samuel	Malin	Jupiter Power
Chris	Manhard	AKRF, Inc.
John	Maniscalco	NYSDEC
Frances	Mann	BOEM
Michelle	Marchello	State of New York
Elizabeth	Marshall	U.S. Coast Guard
Joe	Martens	New York Offshore Wind Alliance
Emmanuel	Martin-Lauzer	Nexans
Krista	Matatt	HDR
Tershara	Matthews	BOEM

Greg	Matzat	Gregory M Matzat, PE
Christie	Mazzeo-Pfoertner	NYS Department of State
M	McCarty	McLaren Engineering
Stephanie	McClellan	Self Employed
Ashleigh	McCord	NOAA
Andrew	McGovern	Harbor Safety Navigation and Operations Committee of the Port of NY & NJ
Christopher	McGuire	The Nature Conservancy
Laura	McKay	Virginia CZM Program
Kate	Mckeever	RWE
Hillary	McKey	BOEM
Sara	McPherson	BOEM
Anne Marie	McShea	OW Ocean Winds
Parker	McWilliams	BOEM Pacific
Drashti	Mehta	Long Island Press
Joel	Merriman	American Bird Conservancy
Jennifer	Miller	BOEM
Glen	miller	Work boats
Jennifer	Miller	BOEM
Katherine	Miller	Tetra Tech
Robert	Mitchell	Self
Cristobal	Moena	RWE
Kirk	Moore	WorkBoat/National Fisherman
Laura	Morales	Equinor
Ben	Morrow	McCormick Taylor
Laura	Morton	American Clean Power Association
Caroline	Mueller	Avangrid Renewables
Omar	Muneeruddin	National Grid
Rafael	Munilla Muñoz	OW Ocean Winds
Daphne	Munroe	Rutgers University
Stephen	Myers	NJDEP
Nick	Napoli	NROC/MARCO
Gary	Napp	ERM
Charles	Natale	ESS Group, Inc.

Roxanne	Neilson	Minority Business Development Center Manhattan
Kaitlin	Nerlfi	BOEM
Eric	Nestler	Normandeau Associates, Inc.
Thomas	Newcomb	Ramboll
David	Newman	NYS Department of State
Jeffrey	Nield	EDR
Thomas	Nies	New England Fishery Management Council
John	NIland	developer
William	O'Hearn	Offshore Power LLC
Doug	O'Malley	Environment New Jersey
Arthur	Ochse	Senior advisor at Atlantic Brokerage House, also a commercial fish dock owner in Point Pleasant, NJ. Also own a seafood company.
Kris	Ohleth	Special Initiative on Offshore Wind
Trevis	Olivier	Bureau of Ocean Energy Management
Mike	Olsen	Equinor
Olaf	Olsen	Pile Drivers & Divers Local 474
Stephen	OMalley	Ocean Tech Services, LLC
Brian	Ossias	New York State Department of Public Service
Deniz	Ozkan	Shell Renewables and Energy Solutions
Nicholas	Paine	Zeiler Floyd Zadkovich (US) LLP
Steve	Papa	USFWS
Nick	Patane	NYC MOS
Andrew	Peak	Engineering Consultant
Kevin	Pearce	Siemens Energy
Justin	Pelkowski	Eversource
Frank	Pendleton	BOEM
Alexia	Perides	UMass Amherst
Douglas	Perkins	RWE Renewables
Ruth	Perry	Shell Renewables and Energy Solutions
Kimberly	Peterson	Renewables Consulting Group
Doug	Pfeister	The Renewables Consulting Group
Jesper	Philip	Lawfirm
Joseph	Phillips	Quaybridge

jenny	ping	Citi
Michael	Plummer	BOEM
Mike	Pol	Massachusetts Division of Marine Fisheries
Mateusz	Polakowski	MSDS Marine Ltd
Kelsey	Potlock	Contractor for NMFS through OAI
Christopher	Potter	State agency
Helena	Pound	Department of Energy
George	Povall	All Our Energy
Alexandre	Pozdnyakov	Long Island Power Authority
Joy	Prescott	Stantec Consulting Services, Inc.
Francis	Pullaro	RENEW Northeast
Rajat	Pungaliya	Duke University
Susan	Quackenbush	Amy Greene Environmental, a Davey Company
Sarah	Quinn	National Park Service
Gordian	Raacke	Renewable Energy Long Island (reLI)
Kyle	Rabin	Alliance for Clean Energy New York
shyamala	rajan	Defenders of Wildlife
Sharon	Randall	BOEM
Ron	Rauffer	PSEG
Vincent	Ravaschiere	Empire State Development
Hannah	Read	Environment America
John	Reese	Eastern Generation
Cristi	Reid	National Oceanic and Atmospheric Administration - National Marine Fisheries Service
Andrew	Rella	ECONcrete Inc.
Jesse	Remedios	WBUR
Aldine	Reynolds	AK BOEM LP
Heidi	Ricci	Mass Audubon
Thomas	Riding	Developer
Jason	Ringler	ESS Group, Inc.
Ana	Riquezes	EDC
Jerry	rivers	North American Climate, Conservation and Environment(NACCE)
Carson	Robers	Power Advisory LLC

Jane	Roberts	Interior-BOEM
Rick	Robins	FathomEdge Limited
Julia	Robinson Willmott	Normandeau Associates Inc.
Daniel	Rogstad	Equinor
John	Romero	U.S. Bureau of Ocean Energy Management
Jennifer	Rose	BOEM
Cindy	Rosensteel	Offshore Wind Consultants/Public
Jessica	Roth	Stantec OSW project team member
Samuel	Rowe	EnBW North America
Gary	Rozmus	GEI Consultants
Phil	Rugile	nonprofit workforce development
Anna	Russell	EnBW North America
Abigail	Ryder	San Diego State University
KC	Sahl	VHB
Scott	Salmon	AECOM
Bryan	Sanderson	Anbaric Development Partners
Cheryl	Sandrow	NYSDEC
Barbara	Sands	PA Consulting
Bernard	Saulnier	Individual interest in the deployment path
Nathalie	Schils	Tetra Tech
James	Schmidt	R. Christopher Goodwin & Associates, Inc.
Janice	Schneider	Latham & Watkins LLP
Jennifer	Schneider	IBEW
Paula	Segelken	private
Rónán	Selby-Curran	Earth ECHO International
Aybala	Sen	Business Network for Offshore Wind
Suhrita	Sen	Infrastructure Advisors LLC
Kurani	Seyhan	SKYLOTEC NA LP
Michael	Shapiro	Michael S. Shapiro Consulting LLC
Prianka	Sharma	Office of Advocacy, US Small Business Administration
Jennifer	Sheehy	US Coast Guard Sector Long Island Sound
Rachel	Shifman	Orsted
Erin	Shirkey	K&A Engineering Consulting PC

Jordan	Shoemith	Copenhagen Offshore Partners
David	Shum	DkS Engineering Consulting
Cindy	Shurling	pubic participant
Kamil	Siddiqi	Aker Offshore Wind
Lauren	Sidor	NYSDEC
Abraham	Silverman	New Jersey Board of Public Utilities
Stephen	Simko	NYSERDA
Nick	Sisson	NOAA
Samantha	Sleeper	BOEM
Christine	Sloan	National Offshore Wind Research and Development Consortium
Ted	Snook	Vineyard Wind
Michael	Snyder	NYS Department of State
Jordyn	Sogioian	NASRCC
Adriana	sola	PGS
Cheryl	Stahl	DNV GL Energy USA Inc.
Michael	Stamatis	South Brooklyn Marine Terminal
Lucas	Stavole	Wood Mackenzie Power & Renewables
Janet	Stewart	
derek	stilwell	GE Renewable Energy, Offshore Wind
Allison	Stoklosa	Cardno
Linda	Stonier	CADR - National Park Service
Val	Stori	Clean Energy States Alliance
David	Stormer	Delaware Division of Fish and Wildlife
Kentaro	Suda	Mr.
Tim	Sullivan	FWS
Haiyan	Sun	NYSERDA
Manna	Suri	NYU
Erica	Surratt	student
Ian	Synnott	Point72
Michael	Szelwis	Offshore Wind Project Consultant
Mike	Tabrizi	DNV GL
Max	Taffet	NYCEDC
Joe	Thacker	Jacobs

Ross	Thomas	CEO, nomination for NY Bight lease area
Eric	Thumma	Avangrid Renewables
Kevin	Thundiyl	Exelon
Aimee	Thurlow	Oceanaggie, LLC
jean	Thurston-Keller	BOEM
Caroline	Tkachuk	PSEG
William	Toman	U.S. Air Force
Erin	Trager	BOEM
Martin	Tremblay	Arup
Megan	Treml	Independent Contractor with Lynker in support of NOAA Office for Coastal Management
Joseph	Triepke	Lium LLC
Katherine	Trudell	Sive, Paget & Riesel P.C.
Skylar	Tupper	LGL Ecological Research Associates
Murat	Utku	WF Baird & Associates
Wilfred	van Bergen	Public
Joseph	Van De Loo	NYS Offshore Wind Port
John	Vandeloo	NYS offshore wind port/land owner-builder for supply chain facilities