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May 1, 2023

Annette Ehrhorn
Bureau of Ocean Energy Management
Office of Renewable Energy Programs
45600 Woodland Road
Sterling, Virginia 20166
[submitted via email to: Annette.Ehrhorn@boem.gov]

Re: Semi-Annual Progress Report Submittal for Commercial Lease of Submerged Lands for Renewable Energy Development on the Outer Continental Shelf, OCS-A 0541.


Dear Ms. Ehrhorn:

Atlantic Shores Offshore Wind Bight, LLC – owned by Atlantic Shores Offshore Wind, LLC is pleased to submit this semi-annual progress report in accordance with Commercial Lease of Submerged Lands for Renewable Energy Development on the Outer Continental Shelf - Lease OCS-A 0541, which became effective May 1, 2022.

Should you have any questions or comments regarding the enclosed report please contact:
Joshua Gomez, Permitting Lead
Email: Joshua.Gomez@atlanticshoreswind.com

We thank you in advance for your time. We look forward to continue working with you and your staff on progressing the Atlantic Shores' development efforts.

Sincerely,

DocuSigned by:

E001265696FE4DB
Jennifer Daniels,
Development Director
Atlantic Shores Offshore Wind, LLC

CC: Lucas Feinberg, BOEM

SEMI ANNUAL PROGRESS REPORT



OCS-A 0541

**Reporting Period:
November 1, 2022–May 1, 2023**

Submission Date: May 1, 2023

Version 0

Prepared Pursuant to Lease Addendum C Section 3

**Prepared by Atlantic Shores Offshore Wind Bight, LLC
with Support From Environmental Design & Research, Landscape
Architecture, Engineering & Environmental Services, D.P.C. (EDR)**

Executive Summary

Atlantic Shores Offshore Wind Bight, LLC (Atlantic Shores Bight) is the lease holder for OCS-A-0541. Atlantic Shores Bight is a wholly owned subsidiary of Atlantic Shores Offshore Wind, LLC (Atlantic Shores), which is a 50:50 joint venture partnership between Shell New Energies US LLC and EDF-RE Offshore Development, LLC. Atlantic Shores, through its' subsidiaries including Atlantic Shores Bight, is developing three offshore wind lease areas off the coast of New Jersey and within the New York Bight. Atlantic Shores is committed to working with all stakeholder parties throughout the project development life cycle across its portfolio. In support of the development of its lease areas, OCS-A 0499, OCS-A 0549, and OCS-A-0541, Atlantic Shores has extensively engaged with stakeholders (including more than 400 meetings with residents and public officials, environmental non-governmental organizations [eNGOs], commercial and recreational boaters, and federal, tribal, state, and local governmental agencies) to understand and address their concerns, as well as to discuss opportunities for collaboration. Much of this engagement was (and continues to be) about the development of OCS-A 0499 and OCS-A 0549 as they are both earlier in the permitting process. Based on what we've learned from stakeholder engagements over the years, we continue to evaluate and implement initiatives that aim to best communicate with the stakeholders for Lease OCS-A 0541, which is in the very early phases of development.

This progress report provides information to stakeholders about the development activities that have occurred for Lease OCS-A-0541 from November 2022 to May 2023 and the anticipated development activities upcoming in the coming months. The major development activities that have occurred since November 2022 generally involved geophysical and geotechnical survey activity of the OCS-A 0541 lease area, early communication with multiple stakeholders, and coordinated planning activities with other NY Bight developers within the Bureau of Ocean Energy Management (BOEM)-designated Bight Wind Energy Area (WEA).

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1 Purpose and Background

1.1 Purpose

The Progress Report contained herein, fulfills Atlantic Shores Offshore Wind Bight, LLC (Atlantic Shores Bight) Commercial Lease of Submerged Lands for Renewable Energy Development on the Outer Continental Shelf – OCS-A 0541 (the Lease) requirements, as stipulated in Section 3.1 of Addendum C, to submit a progress report every six months from the effective Lease date (May 1, 2022) through the approval of the Construction and Operation Plan (COP). This progress report covers the reporting period from November 1, 2022, to May 1, 2023, and documents the overall progress and engagement activities undertaken by Atlantic Shores Bight with various stakeholders, including tribal, state and local governments, affected communities, ocean user groups and the public at large, regarding the future development of the Lease since the effective date. The purpose of this report is to provide transparency between Atlantic Shores Bight and interested stakeholders by providing a summary of project development activities, engagement efforts, and feedback considered over the course of the reporting period.

1.2 Lessee Information

Atlantic Shores Offshore Wind Bight, LLC is a wholly owned subsidiary of Atlantic Shores Offshore Wind, LLC, which is a 50:50 joint venture between Shell New Energies US, LLC and EDF-RE Offshore Development, LLC. Atlantic Shores Offshore Wind Bight, LLC (Atlantic Shores Bight, the Lessee) has secured a Commercial Lease of Submerged Lands from the Bureau of Ocean Energy Management (BOEM, the Lessor) for the development of offshore wind energy generation project(s) within Lease Area OCS-A 0541 (Lease Area/the Lease) – see Figure 1.

1.3 Lessee Core Values

Atlantic Shores and each of its subsidiaries' core values of being a good neighbor, being a good steward, working safely, and being environmentally responsible drive our work and our stakeholder engagement throughout the development of our projects. Based on what we've learned from stakeholder engagements over several years across Atlantic Shores' portfolio of projects, we continue to evaluate initiatives that aim to provide the best communication with our stakeholders for Lease OCS-A 0541. Atlantic Shores Bight is actively engaged with stakeholders to identify and discuss their interests and to integrate their input regarding offshore wind and the associated development of Lease OCS-A 0541 into our development planning.

In fulfilling our commitment to our values, we plan and implement the following diverse types of stakeholder engagement:

- Virtual and in-person meetings which consist of presentations and/or working sessions that include regularly scheduled outreach and technical/regulatory updates as well as on-request meetings and technical working sessions.
- Open houses and other larger-forum information-sharing events that provide opportunities for interested parties to visit with our project teams and management.
- Fisheries Communication Team consisting of a Fisheries Liaison Officer (FLO) and Fishing Industry Representatives (FIR).
- Specialized outreach plan for Indian Tribes located within the affected region.
- Participation in and support for local community events, university initiatives, and industry group events.
- Project website that provides company information and values, project information, access to communication plans, and contact information for anyone with internet access.
- Online data and document repositories with secure access for agencies, when requested, to transfer technical information.

To evaluate the effectiveness of these types of stakeholder engagement, Atlantic Shores has standardized practices to manage and measure stakeholder engagement outputs and to build feedback loops into ongoing communication and outreach activities, including detailed sign-in sheets, meeting evaluations, meeting minutes, and slide decks, which can be shared with meeting participants.

1.4 Lease Description

Atlantic Shores Bight secured Lease OCS-A 0541 on February 23, 2022, as a winning bidder in the offshore wind auction conducted by the BOEM for six lease areas in the New York Bight. The lease area is approximately 79,000 acres in size and its closest points to New York and New Jersey are approximately 65 and 27 nautical miles, respectively. This lease area abuts Lease OCS-A 0542 on its eastern border and these two lease areas are the southern-most lease areas in the New York Bight final sale notice.

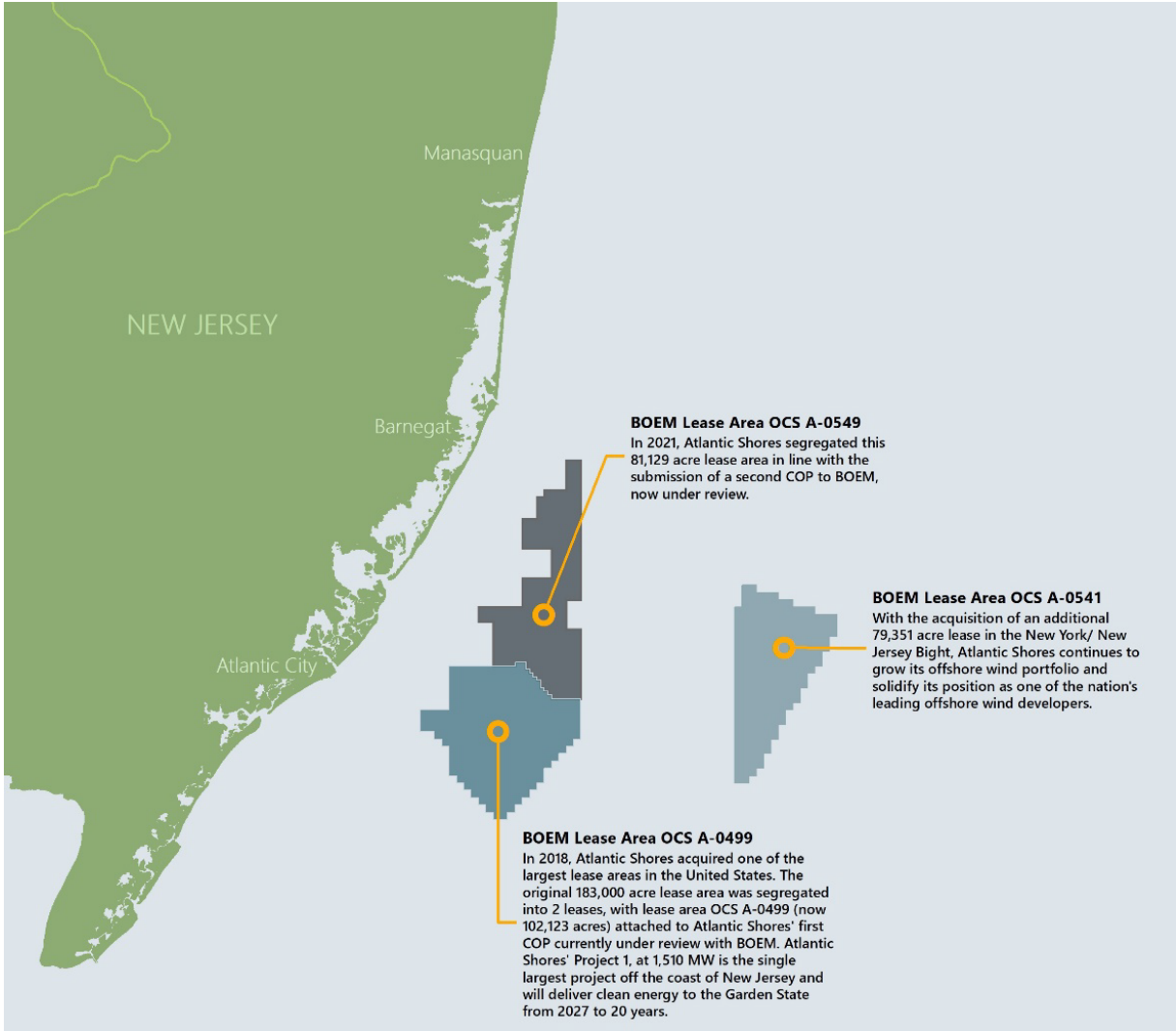


Figure 1. Map of Atlantic Shores current lease areas including OCS-A-0541

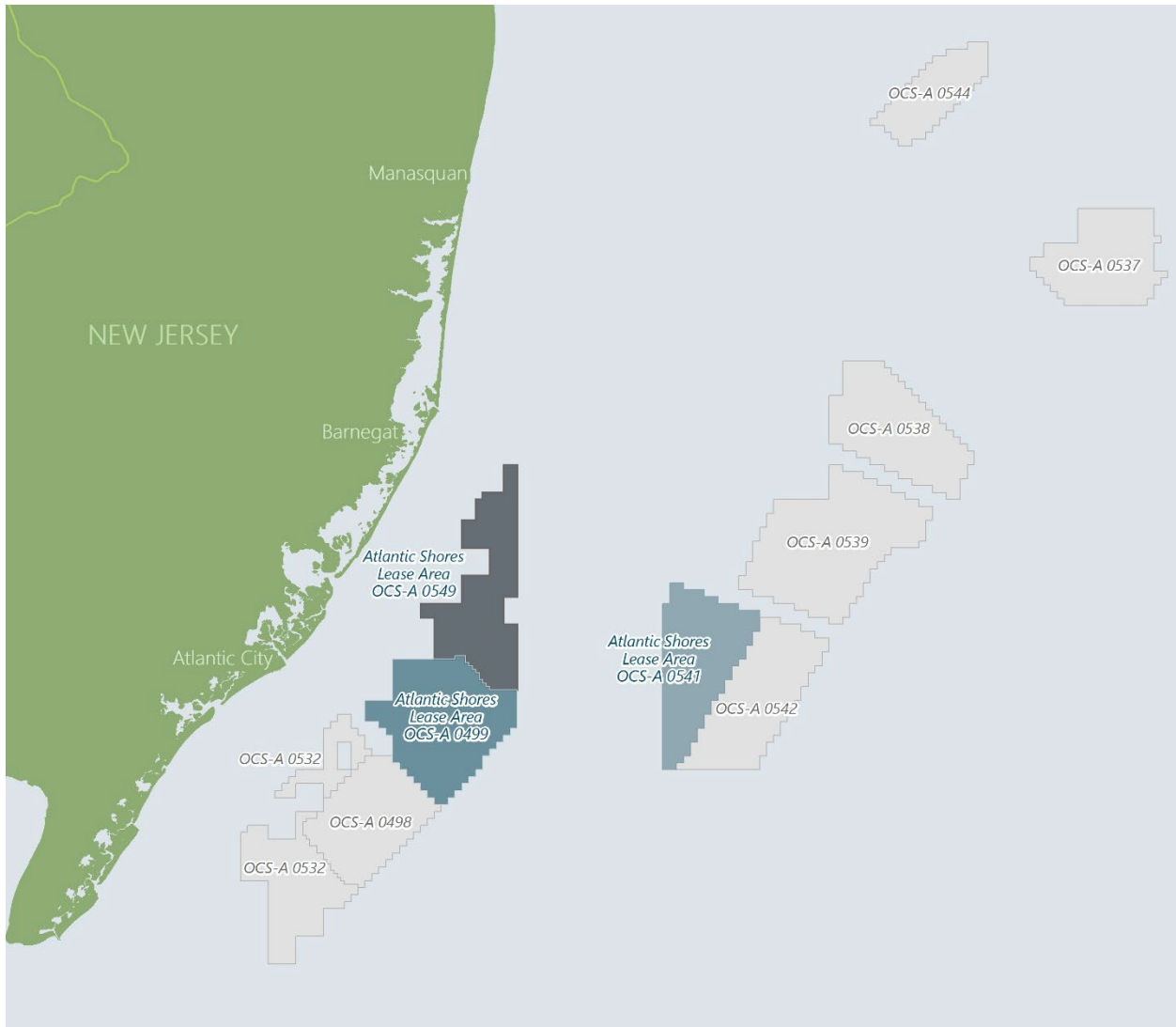


Figure 2. Map of Atlantic Shores current lease areas including other BOEM lease areas

2 Tribal Engagement

Atlantic Shores Bight is committed to open and transparent communication with Native American Tribes. A comprehensive list of Tribes and applicable parties that will be consulted with throughout the Atlantic Shores Bight project development process is included Appendix A. The federally-recognized Tribes have a unique government to government relationship with the U.S. government that is separate from our engagement with them. Atlantic Shores Bight is striving to ensure that our engagement activities with Tribes are valuable and not duplicative or overly burdensome to Tribes as they have multiple entities seeking to engage with them on offshore wind issues.

In discussions with BOEM, several Tribes have expressed concerns about the capacity of regular communication with each Bight leaseholder. Atlantic Shores Bight has, and continues to, engage

with BOEM and other leaseholders to initiate a framework for tribal coordination that meets lease requirements and allows for meaningful tribal engagement, while considering the number of New York Bight lessees and the unique aspects of each project. Since filing its first progress report on November 1, 2022, Atlantic Shores Bight prepared and filed a second survey plan for continued geophysical and geotechnical (G&G) surveys through August 2024. Atlantic Shores Bight is planning to hold a second pre-survey meeting with interested Tribes in June 2023 in accordance with lease stipulation 5.3.3 terms.

2.1 Summary of Engagement Activities

During the reporting period, Atlantic Shores Bight has been actively working with BOEM and other developers to develop a Native American Tribal Communication Plan (NATCP) that will provide a framework for coordinated communication and engagement activities with Tribes. Atlantic Shores Bight also participated in forums (such as the BOEM Environmental Justice Forum) in which certain Tribes and their representatives provided input related to development of offshore wind generally. Please see Section 2.5 Coordinated Engagement for further details on Atlantic Shores Bight's engagement with Tribes. Atlantic Shores Bight also has on its team a leading federal Indian law expert who also is deeply versed in BOEM's offshore wind program who is advising us on tribal outreach and engagement.

2.2 Identification of Potential Project Effects Related to Tribal Interests

Atlantic Shores Bight has just initiated the preliminary surveys and planning necessary to support project design and assess potential effects to social, ecological, and biological communities. As such, no project-specific potential effects related to tribal interests have been identified or discussed with Tribes during this reporting period. Given the early stage of this effort, no potential adverse effects from the development of OCS-A 0541 specifically have been identified or discussed directly with Tribes. As site-specific data collection and consultations with Tribes progress in accordance with the NATCP over the subsequent reporting periods, Atlantic Shores Bight, in coordination with Tribes, will identify opportunities for site-specific data sharing and engagements to support the identification of potential effects to tribal interests as well as any associated avoidance, minimization and/or mitigation strategies that may need to be considered as part of project/lease area development activities. Anticipated engagement during the next reporting period is provided in Section 2.4, Table 1.

2.3 Tribal Feedback on Transmission Planning

Atlantic Shores Bight has just initiated the planning necessary to support project design and assess potential effects to social, ecological, and biological communities. Given the early stages of project

development and the lack of specificity regarding both offshore and onshore design details, Atlantic Shores Bight has yet to conduct tribal outreach specific to transmission planning. As such, no project-specific potential effects or adverse effects related to tribal interests have been identified or discussed with Tribes specific to transmission planning during this reporting period.

2.4 Anticipated or Scheduled Engagement Activities

Table 1 provides a list of anticipated or scheduled Native American tribal engagement within the next reporting period. A comprehensive list of Tribes that will be consulted with throughout the Atlantic Shores Bight project development process is included in Appendix A. Tribal engagement activities within the next reporting period will be determined in response to BOEM Guidance and the submission of a joint NATCP by the Bight lessees discussed in Section 2.5.

Table 1. Scheduled Atlantic Shores’ Native American Tribal Engagement Activities during the next Reporting Period

Project Phase or Activity	Type of Engagement	Invited parties	Primary Meeting Discussion Points
Joint NATCP Meeting	Meeting 05/15/2023 – to be held virtually	Atlantic Shores, BOEM, All Bight Lessees, Delaware Tribe, Wampanoag Tribe of Gay Head (Aquinnah), Stockbridge-Munsee Community Band of Mohican Indians, Shinnecock Indian Nation, Delaware Nation, Absentee-Shawnee Tribe of Indians of Oklahoma, Nanticock Leni-Lenape Tribal Nation, Mashantucket Pequot Tribal Nation, Eastern Shawnee Tribe of Oklahoma, Mashpee Wampanoag Tribe, Narragansett Indian Tribe, Mohegan Tribe of Connecticut, and Shawnee Tribe.	Listen to feedback from Tribes to discuss effective coordinated engagement strategies between BOEM, Tribes and Bight Lessees for the remainder of project development.
Marine Site Characterization Survey G&G (Geophysical & Geotechnical) Survey	Tribal Pre-Survey Meeting planning for early June 2023 – to be held virtually	Atlantic Shores Delaware Tribe, Wampanoag Tribe of Gay Head (Aquinnah), Stockbridge-Munsee Community Band of Mohican Indians, Shinnecock Indian Nation, Delaware Nation, Absentee-Shawnee Tribe of Indians of Oklahoma, Nanticock Leni-Lenape Tribal Nation, Mashantucket Pequot Tribal Nation, Eastern Shawnee Tribe of Oklahoma, Mashpee Wampanoag Tribe, Narragansett Indian Tribe, Mohegan Tribe of Connecticut, and Shawnee Tribe.	<ul style="list-style-type: none"> - Summarize scope of study - BMPs and environmental protection - Discussion of IHA

2.5 Coordinated Engagement

In addition to project-specific engagements as detailed in section 2.1 through 2.3, Addendum C, Section 3.1.2.4 of the Lease (Coordinated Engagement) states that Atlantic Shores Bight must coordinate the engagement activities for Tribes with other regional lessees to the maximum extent practicable, to decrease the communication and consultation burden on the Tribes. Atlantic Shores Bight is continuing engagement with BOEM and other Bight lessees to develop a framework for tribal communication and coordination. BOEM issued a 120-day Deadline Waiver for the NATCP lease requirement on July 25, 2022. BOEM indicated in a meeting on September 9, 2022, that the Tribes would prefer BOEM be the main point of contact and organize meetings with developers and facilitate a meeting with all the lessees and Tribes to discuss what is happening in the Bight, communication best practices, and the development of the NATCP. Since the filing of the November 1, 2022, Progress Report, BOEM has met with Tribes and Bight lessees separately

to discuss coordinated engagement with Tribes and provided draft guidance to lessees for development of an NATCP. In consideration of this March 2023 Guidance, Atlantic Shores Bight and other Bight Lessees have jointly developed an outline intended to be the basis of engagement collectively with Tribes and BOEM to apply to a meeting planned for May 15, 2023. Feedback from this meeting will inform how lessees complete the NATCP to ensure we directly incorporate feedback from Tribes.

BOEM has coordinated the May 15, 2023, meeting with the Tribes, and Bight lessees to discuss the NATCP and communication going forward. This collaboration is in the spirit of the coordinated engagement described in Addendum C, Section 3.1.2.4 of the Lease.

3 Engagement with Potentially Affected Parties

This section addresses the Project-specific engagement activities with governmental agencies, fishing industry representatives, and other parties such as eNGOs, property owners, and community-based organizations.

Since the last reporting period, Atlantic Shores Bight has been increasing its involvement with stakeholders across New York State (NYS) including various New York City council members, NYS senators, social justice advocacy organizations, city housing communities, academic institutions, and other community organizations. NYS is one potential market for offtake agreements for Lease OCS-A 0541.

Atlantic Shores Bight is still in the early development stages of the Project and will continue to identify, add, and refine engagement activities with interested parties. Atlantic Shores Bight will continue to provide updates in the identification process via the bi-annual progress report and Agency Communication Plan as set forth in Appendix C. In particular, Atlantic Shores Bight will continue to identify and work closely with owners/operators of active telecommunication cables, electrical cables, or natural gas pipelines that could intersect with future offshore wind energy project transmission systems. As onshore planning and development continues, Atlantic Shores Bight will proactively identify and engage with affected coastal and underserved communities.

3.1 Summary of Engagement Process

Over this reporting period, Atlantic Shores Bight has conducted >30 engagements with various affected parties. Table 2 provides a summary of stakeholder engagement activities during the reporting period. Agency and fishing industry stakeholder engagement activities are guided by project-specific communication plans, which are provided as website links in Appendix C to this progress report.

Table 2. Summary of Atlantic Shores’ Stakeholder Engagement Activities during the Reporting Period Specific to OCS-A-0541

Project Phase or Activity	Type of Engagement	Participants	Primary Meeting Discussion Points
Environmental Survey Discussion	Meeting 11/08/2022 – 4:00pm held virtually	Atlantic Shores Invenergy	Develop agenda for meeting with BOEM to discuss avian affected environment.
Environmental Survey Discussion and PEIS	Meeting 11/14/2022- 1:00pm held virtually	Atlantic Shores Invenergy BOEM	Potential Avian surveys discussed. PEIS process and data usage in the PEIS. BOEM’s anticipated use of models.
Lease orientation	Meeting 11/21/2022 – 1:00pm held virtually	Atlantic Shores Invenergy USCG	Discussion on requirements for common lines of orientation for WTG between 0541 and 0542 or setback per lease stipulations.
December Status Meeting	Meeting: 12/07/22 – 3:30pm held virtually	Atlantic Shores BOEM	Development activity update, status of NATCP and PEIS.
Bight Lessee December Meeting	Meeting 12/13/2022 – held virtually	Atlantic Shores BOEM ACP, NYB Lessees	PEIS Data and NATCP update
Environmental Surveys + PEIS	Meeting: 12/15/2022 – held virtually	Atlantic Shores BOEM Invenergy	PEIS approach to Avian Resource analysis
Lines of Orientation	Meeting 12/15/2022 – 1:00pm held virtually	Atlantic Shores Invenergy USCG	Discussion on common lines of orientation for WTG between 0541 and 0542. Consideration of search and rescue activities.
January Status Meeting	Meeting 01/4/2023 – 3:30pm held virtually	Atlantic Shores BOEM	Development activity update and SAP coordination meeting with BOEM.
Environmental Survey Coordination Discussion	Meeting 01/10/2023 – 9:00am held virtually	Atlantic Shores Invenergy	Environmental survey alternatives
Bight Lessee January Meeting	Meeting 01/10/2023 – held virtually	Atlantic Shores, BOEM, NYB Lessees, ACP	Updates on PEIS development and BOEM guidance.
SAP Coordination Meeting	Meeting 01/19/2023 – 11:00am held virtually	Atlantic Shores BOEM	Discussion of SAP structure, SAP PDE, SAP filing process.
Lines of Orientation	Meeting 01/19/2023 – 1:00pm held virtually	Atlantic Shores Invenergy USCG	Discussion of common lines of orientation of WTG between 0541 and 0542.

Project Phase or Activity	Type of Engagement	Participants	Primary Meeting Discussion Points
February Status Meeting	Meeting 02/01/2023 – 3:30pm held virtually	Atlantic Shores BOEM	Development activity update, G&G survey plan and IHA schedules.
Marine Mammal Protection Act - IHA	Meeting 02/03/2023 – 10:00am held virtually	Atlantic Shores NOAA Fisheries	Discussion of IHA request and submittal timeframe
Bight Lessee February Meeting	Meeting 02/14/2023- held virtually	Atlantic Shores, BOEM, NYB Lessees, ACP	Updates on PEIS development and BOEM guidance.
March Status Meeting	Meeting 3/01/2023 – 3:30pm held virtually	Atlantic Shores BOEM	Development activity update, 2023/2024 G&G survey plan submittal, IHA status, lines of orientation coordination with BOEM.
Bight Lessee March Meeting	Meeting 03/14/2023 – held virtually	Atlantic Shores, BOEM, NYB Lessees, ACP	Updates on PEIS development and BOEM guidance.
Quarterly Interagency Meeting (option 1)	Meeting 03/15/2023 – 1:00pm held virtually	Atlantic Shores, BOEM, USFWS, EPA, USCG, NOAA, NYSDEC, NYSDPS, NYSOGS, NYSDOT, NYSDOS, NJBPU, NYSPARKS, NJDOT, NYCDCP	Agency communication plan review, project schedule, survey activities, near term coordination.
Quarterly Interagency Meeting (option 2)	Meeting 03/16/2023 – 12:30pm held virtually		
Lines of Orientation	Meeting 03/16/2023 – 1:00pm Lines of Orientation	Atlantic Shores Invenergy USCG	Early phase discussion of lighting plan for lease differentiation.
April Status Meeting	Meeting 04/05/2023 – 3:30pm held virtually	Atlantic Shores BOEM	Development activity update, joint NATCP, new progress report guidance.
Bight Lessee April Meeting	Meeting 04/11/2023 – held virtually	Atlantic Shores, BOEM, NYB Lessees, ACP	Updates on PEIS development and BOEM guidance.
Ground Model Presentation	Meeting 04/18/2023 – held virtually	Atlantic Shores BOEM	Presentation of ground model to BOEM
BOEM Quarterly Environmental Justice Forum (EJF)	Meeting held virtually by BOEM 4/26/2023	BOEM, Atlantic Shores, developers, many stakeholders including community organizations, Tribes, agencies, and others	PEIS schedule and status; BOEM-facilitated FAQ between developers and stakeholders.

In addition to direct engagements with potentially affected parties, Atlantic Shores (on behalf of its subsidiaries developing projects within its portfolio, including Atlantic Shores Bight) also

participates in member organizations that support and/or are connected to the overall offshore wind industry. These member organizations (Table 3) provide valuable connection to stakeholder groups that have interest in and/or be influenced by the development of the offshore wind industry. As a member of these organizations, Atlantic Shores supports and/or participates in a variety of events as well as regular standing and topically-focused meetings.

Table 3. Atlantic Shores Member Organizations

Atlantic Shores Member Organizations
Alliance for Clean Energy New York (ACE NY)
African American Chamber of Commerce of NJ
NJ Alliance for Action
American Association of Blacks in Energy (AABE)
American Clean Power Association (ACP)
Atlantic County Economic Alliance (ACEA)
Metropolitan Business and Citizen Association (MBCA)
Brooklyn Chamber of Commerce
Business Network for Offshore Wind
Chamber of Commerce of Southern NJ
Greater Atlantic City Chamber of Commerce
LBI Chamber of Commerce
Mid-Atlantic Coastal Ocean Observing System (MARACOOS)
Monmouth-Ocean Development Council (MODC)
New Jersey Corporate Wetlands Restoration Partnership
New Jersey State Chamber of Commerce
NJ Assoc of Environmental Educators
NJ Association of Women Business Owners
NJ Business and Industry Association (NJBIA)
NJ Chapter of Professional Women in Construction
NJ Veterans Chamber

Atlantic Shores Member Organizations

Responsible Offshore Science Alliance (ROSA)

Society of Underwater Technology (SUT-US)

Southern New Jersey Development Council

Southern Ocean Chamber of Commerce

Special Initiative on Offshore Wind

Statewide Hispanic Chamber of Commerce of NJ

Toms River Chamber of Commerce

Women of Renewable Industries and Sustainable Energy WRISE*

Responsible Offshore Science Alliance (ROSA)

Atlantic Shores also engages in stakeholder outreach outside of agencies and member organizations regularly. In the early development phases of the Lease, Atlantic Shores' outreach on behalf of its subsidiaries, including Atlantic Shores Bight, consisted of introductory meetings with political representatives, colleges and universities, community organizations, NGOs, and other interested organizations. Atlantic Shores liaised with Urban League (NYC Chapter), NAACP NYS, Stockton University, NYC Council Member Justin Brenan, East Flatbush Village, Coney Island Cathedral, City College of NY, Office of Congressman Hakeem Jeffries, NYC Council Member Ari Kagan, and Office of Senator Andrew Gounardes. These meetings were focused on introducing Atlantic Shores, including Atlantic Shores Bight's Lease OCS-A 0541. Workforce initiatives, engagement of local community groups, support of nonprofit entities, and support of fellowship or other programs were topics of discussion with some of these stakeholders.

Atlantic Shores, including on behalf of its subsidiaries, also supports and directly participates or presents at various events within communities directly. This is another method to engage various communities and organizations, to foster new or support existing partnerships. For example, in the reporting period Atlantic Shores supported, engaged, and/or was directly participating in the following events: Mid-Atlantic Chapter of the American Fisheries Society Meeting; American Clean Energy (ACE) NY, Annual Fall Conference; NJ Chamber of Commerce, Business Summit; Rutgers University, Offshore Wind Symposium; Metropolitan Business and Citizens Association (MBCA) of Atlantic City, Winter Luncheon; NJ Legislative Black Caucus Foundation, Black Excellence Gala; Women's Political Caucus of New Jersey, 2023 Passion, Power, Progress; Business Network for Offshore Wind, International Partnering Forum; NJ Chamber of Commerce, ReNew Jersey Business Summit and Expo; New York City Economic Development Corporation, Offshore Wind & Maritime

Career Awareness Fair; New Jersey Economic Development Authority, 1st Annual New Jersey Wind Institute Research Symposium; American Clean Power, Clean Power on the Hill; Stockton University, Community Day/Clean Up; National Supplier Diversity Institute, New Jersey Clean Energy DEI Day.

3.2 Identification of Potential Project Effects Related to Parties

Atlantic Shores Bight has just initiated the preliminary geophysical and geotechnical surveys and planning necessary to support project design and assess potential effects to social, ecological, and biological communities. As such, no project-specific potential effects or adverse effects have been specifically identified for discussion with interested parties during this reporting period. As site-specific data collection and engagements progress over the subsequent reporting periods, Atlantic Shores Bight will identify opportunities for site-specific data sharing and engagements to support the identification of potential effects to interested as well as any associated avoidance, minimization and/or mitigation strategies that may need to be considered as part of project/lease area development activities. Anticipated engagement during the next reporting period is provided in Section 3.4, Table 4, and coordinated engagement activities are described in Section 3.5.

3.3 Feedback from Parties on Transmission Planning

Atlantic Shores Bight has just initiated the preliminary geophysical and geotechnical surveys and planning necessary to support project design and assess potential effects to social, ecological, and biological communities. As such, no project-specific potential effects related to transmission have been specifically identified for discussion with interested parties during this reporting period. As site-specific data collection and engagements progress over the subsequent reporting periods, Atlantic Shores Bight will identify opportunities for site-specific data sharing and engagements to support the identification of potential effects to interested as well as any associated avoidance, minimization and/or mitigation strategies that may need to be considered as part of project/lease area development activities. Given the early stages of project development and the lack of specificity regarding both offshore and onshore design details, Atlantic Shores Bight has yet to conduct outreach regarding transmission planning. But as indicated above, Atlantic Shores Bight will continue to reach out to stakeholders on an ongoing basis as further details emerge in the future.

3.4 Anticipated or Scheduled Engagement Activities

Table 4. Summary of Upcoming Atlantic Shores’ Stakeholder Engagement

Project Phase	Type of Engagement	Participants	Summary of Engagement Activities
May Status Meeting	Meeting: 05/03/2023 – 3:30 pm to be held virtually	Atlantic Shores BOEM	Status meetings allow Atlantic Shores to provide updates on project progress. Discuss problems, questions and changes regarding reporting requirements, SAP and COP filings, surveys, agency communication, etc. with BOEM.
Environmental survey + research opportunities	Meeting: May, tbd – to be held virtually	Atlantic Shores USFWS	Discussion of bird and bat site characterization surveys, endangered species research opportunities and beach restoration.
Bight Lessee May Meeting	Meeting: 05/09/2023 - to be held virtually	Atlantic Shores, BOEM, NYB Lessees, ACP	Updates on PEIS development and BOEM guidance.
June Status Meeting	Meeting: 06/07/2023 - 3:30 pm to be held virtually	Atlantic Shores BOEM	Same as status meeting intent summary.
Bight Lessee June Meeting	Meeting: 06/13/2023 – to be held virtually	Atlantic Shores, BOEM, NYB Lessees, ACP	Monthly meeting - intent same as above.
July Status Meeting	Meeting: 07/05/2023 – 3:30 pm to be held virtually	Atlantic Shores BOEM	Same as status meeting intent summary.
Bight Lessee July Meeting	Meeting: 07/11/2023 – to be held virtually	Atlantic Shores, BOEM, NYB Lessees, ACP	Monthly meeting - intent same as above.
August Status Meeting	Meeting: 08/02/2023 – 3:30 pm to be held virtually	Atlantic Shores BOEM	Same as status meeting intent summary.
Bight Lessee August Meeting	Meeting: 08/08/2023 – to be held virtually	Atlantic Shores, BOEM, NYB Lessees, ACP	Monthly meeting - intent same as above.
September Status Meeting	Meeting: 09/06/2023 – 3:30 pm to be held virtually	Atlantic Shores BOEM	Same as status meeting intent summary.

Project Phase	Type of Engagement	Participants	Summary of Engagement Activities
Bight Lessee September Meeting	Meeting: 09/12/2023 – to be held virtually	Atlantic Shores, BOEM, NYB Lessees, ACP	Monthly meeting - intent same as above.
October Status Meeting	Meeting: 10/04/2023 – 3:30 pm to be held virtually	Atlantic Shores BOEM	Same as status meeting intent summary.
Bight Lessee October	Meeting: 10/10/2023 – to be held virtually	Atlantic Shores, BOEM, NYB Lessees, ACP	Monthly meeting - intent same as above.
Q3 Interagency Coordination Meeting	Date and Time TBD, Q1 2023; to be held virtually	Atlantic Shores and all agencies listed in ACP	Update agencies on status of the project. Solicit feedback from agencies.

3.5 Coordinated Engagement

Atlantic Shores Bight has been coordinating with its neighboring lease holder (i.e., Lease Area OCS-A 0542 held by Invenergy/Leading Light Offshore Wind), discussing early-stage opportunities for collaboration on environmental surveys and Lease requirements related to wind turbine orientation. Atlantic Shores Bight and Invenergy have been coordinating with the U.S. Coast Guard (USCG) and BOEM and other stakeholders on aligning wind turbine generators (WTGs) along common lines of orientation to maximize usable lease space and to aid ocean users and USCG in safe passage and search and rescue (SAR) operations in and around the lease area. Early coordination with Atlantic Shore’s Bight’s fisheries liaison and representatives occurred to understand the types of fishery considerations to incorporate into orientation development. This engagement will continue and will involve additional stakeholders such as the National Oceanic Atmospheric Administration (NOAA) and further coordination with the fishery industry.

4 Survey Plans

4.1 Survey Plan Activities

Atlantic Shores Bight has continued survey efforts to gather environmental information in the lease areas in the reporting period. Atlantic Shores had one survey vessel (Fugro Enterprise) operating in the Lease Area between November 2022 and May 2023. Geophysical surveying continued to gather data necessary for the construction and operation plan and to support lease development planning. Approximately 7,000 line-kilometers of geophysical surveys have been

completed to date. Geophysical and geotechnical (G&G) surveys within the Lease Area are proceeding as planned, and productivity is increasing with improved weather.

4.2 Anticipated Survey Plans

Atlantic Shores Bight has initiated pre-survey planning efforts and associated permitting to continue its campaign to gather G&G data in addition to data on benthic resources and categorization:

- On March 20, 2023, Atlantic Shores Bight submitted an application to the National Marine Fisheries Service (NMFS) for an Incidental Harassment Authorization (IHA) for mid-August 2023-2024 for survey activities. This is currently in review with NOAA Fisheries.
- On February 27, 2023, Atlantic Shores Bight submitted a Survey Plan to BOEM for G&G activities.

Atlantic Shores Bight filed its Site Assessment Plan (SAP) with BOEM on April 18, 2023, describing the potential plan for deploying up to two metocean buoys to characterize metocean data in and around the Lease. This SAP is under BOEM review.

Atlantic Shores Bight will also begin planning for COP-level survey activities in accordance with 30 CFR 585.626 and associated applicable guidelines during the next reporting period. Surveys will be designed in accordance with lease guidelines and regulatory requirements, and Atlantic Shores Bight will coordinate survey planning with BOEM, federal and state agencies, and Tribes, as applicable as well as affected stakeholder groups.

Appendix A: Tribes and Other Parties Applicable to the Project

PARTY	PARTY TYPE
Coney Island Cathedral	CC
Surf Clam/Ocean Quahog Fishing Interests	Cfish
Atlantic sea scallops Fishing Interests	Cfish
City College of New York	ERI
Monmouth University	ERI
Rutgers University	ERI
Stockton University	ERI
Ocean County College	ERI
Absentee-Shawnee Tribe of Indians of Oklahoma	Ftribe
Eastern Shawnee Tribe of Oklahoma	Ftribe
Delaware Tribe of Indians	Ftribe
Mashantucket Pequot Tribal Nation	Ftribe
Mashpee Wampanoag Tribe	Ftribe
Mohican Tribe of Connecticut	Ftribe
Shawnee Tribe	Ftribe
Stockbridge-Munsee Community Band of Mohican Indians	Ftribe
The Delaware Nation	Ftribe
The Narragansett Indian Tribe	Ftribe
The Shinnecock Indian Nation	Ftribe
Wampanoag Tribe of Gay Head (Aquinnah)	Ftribe
Nanticoke Lenni-Lenape Tribal Nation	Stribe
Ramapough Lenape Indian Nation, New Jersey	Stribe
Powhatan Renape Nation	Stribe

PARTY	PARTY TYPE
Unkechaug Indian Nation	Stribe
Lenape Indian Tribe of Delaware	Stribe
Bureau of Ocean and Energy Management (BOEM)	FA
National Oceanic and Atmospheric Administration Fisheries/National Marine Fisheries Service (NOAA/NMFS)	FA
U.S. Fish and Wildlife Service (USFWS)	FA
U.S. Army Corps of Engineers (USACE)	FA
U.S. Coast Guard (USCG)	FA
U.S. Environmental Protection Agency (EPA)	FA
NAACP	NGO
Urban League	NGO
New York State Department of Environmental Conservation (NYSDEC)	SA
New York State Department of Public Service (NYSDPS)	SA
New York State Department of State (NYSDOS)	SA
New York State Department of Transportation (NYSDOT)	SA
New York State Office of General Services (NYSOGS)	SA
New York State Office of Parks, Recreation, and Historic Preservation (NYSHPO)	SA
New York City Department of City Planning (NYCDCP)	SA
New Jersey Department of Environmental Protection (NJDEP)	SA
New Jersey Board of Public Utilities (NJBPU)	SA
New Jersey Department of Transportation (NJDOT)	SA
New York State Energy Research and Development Authority (NYSERDA) Environmental Technical Working Group (E-TWG)	SWG
NYSERDA Fisheries Technical Working Group (F-TWG)	SWG
NYSERDA Maritime Technical Working Group (M-TWG)	SWG

PARTY	PARTY TYPE
NYSERDA Jobs and Supply Chain Technical Working Group (JSC-TWG)	SWG
East Flatbush Village	UC

Party types:

- CC = Coastal Community
- Cfish = Commercial Fishery Industry
- Rfish = Recreational Fishery Industry
- ERI = Educational and Research Institutions
- NGO = Environmental and Public Interest Non-Governmental Organizations
- FA = Federal Agency
- SA = State Agency
- SWG = State Working Group
- LA = Local Agency
- Ftribe = Federally Recognized Tribe
- Stribe = State Recognized Tribe
- M = Maritime Industry/Mariners
- SCO = Submarine Cable Operators
- UC = Underserved Community
- OU = Other Ocean Users

Appendix B: Lessee and Liaison Contact Information

Tribal Liaison

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Agency Liaison

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Appendix C: Communication Plans

Native American Tribes Communication Plan: In development in coordination with other developers, Tribes, and BOEM (placeholder for future progress reports)

Fisheries Communications Plan: <https://www.atlanticshoreswind.com/mariners/>

Agency Communication Plan: https://www.atlanticshoreswind.com/wp-content/uploads/2022-8-25_AS-Bight-0541_Agency-Comm-Plan.pdf