



**Leading Light  
Wind**

# **Invenergy: OCS-A 0542 Semi-Annual Progress Report**



## **Invenergy Wind Offshore LLC**

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11/1/2023	Initial draft (rev 0)	All
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## Executive Summary

This Progress Report is prepared in accordance with Invenergy Wind Offshore LLC's (Invenergy; Lessee) Commercial Lease OCS-A 0542 (Lease), which requires that Invenergy submit a Progress Report to the Bureau of Ocean Energy Management (BOEM) every six months through the Construction and Operations Plan approval process. This Progress Report covers the reporting period of **May 01, 2023, to October 31, 2023**.

For this reporting period, this Progress Report includes Invenergy's progress on its Project in Renewable Energy Lease Area OCS-A 0542 (also called Leading Light Wind; the Project). Invenergy continues to focus on offshore and onshore data collection and surveys to characterize the Project area. The Project completed two benthic surveys of the designated Renewable Energy Lease Area OCS-A 0542 (Lease Area) and transmission routes in April 2023 and July 2023. The geophysical survey (Phase 1), which did not use mitigated acoustic sources nor required an Incidental Harassment Authorization, occurred during the previous reporting period in April 2023 and during this current reporting period. The mitigated sources geophysical survey (Phase 2) for the offshore export cable routes (ECRs) and Lease Area was completed in October 2023. Boat-based avian surveys, a third benthic survey (Benthic Survey 3), and geotechnical survey campaigns are anticipated to commence in Fall 2023.

During this reporting period, Invenergy has continued outreach efforts and requested feedback from Native American Tribes and Tribal Nations (Tribes/Tribal Nations) as well as multiple federal, state, and local agencies, fisheries, and other stakeholders. The Project maintains a designated External Engagement Director along with an Agency Liaison Officer, Tribal Engagement Representative, and Fisheries Liaison Officer to inform stakeholder engagements throughout the life of the Project.

Tribal engagement has focused on a collaborative effort amongst the New York Bight Lessees (Lessees) in the development and presentation of a joint Native American Tribes Communications Plan (NATCP) to the Tribes/Tribal Nations. The completed Joint NATCP was submitted to the Tribes/Tribal Nations and BOEM on October 16, 2023.

Federal, state, and local agency engagement has focused on continued Project communications with relevant agencies as well as engagement discussions and meetings, including but not limited to, topics regarding transmission line planning, landfall and crossing locales, survey activities, Construction and Operations Plan process, and the New York State Article VII pre-application process.

Invenergy's fisheries engagement continues to focus on identifying potential challenges and solutions between the fishing community and offshore wind (OSW) development through collaborative communication with fishing community liaisons, industry working groups, and marine research institutions. Additionally, Invenergy continues exploring opportunities to enhance fishing community participation to better inform Project operational activities and design decisions.

Invenergy is actively participating in relevant working groups and subcommittees to proactively identify other stakeholder groups with interest in the Project. Engagement has focused on exploring research partnerships with maritime stakeholders, academic institutions, and non-governmental organizations to advance environmental research and monitoring related to the construction and operations of the Project. Invenergy has participated in discussions with industry experts on the challenges associated with routing, installing, and operating submarine cables and remains an active member of the American Clean Power Association's Maritime Subcommittee and the Regional Wildlife Science Collaborative for OSW with the collective goal of collaboration and information sharing to deconflict Project facilities and minimize impacts to resources. Additionally, Invenergy continues to participate in BOEM's New York and New

Jersey OSW Environmental Justice Forum and the New York State Energy Research and Development Authority's Environmental Justice-Technical Working Group (EJ-TWG), Maritime-TWG Jobs and Supply Chain-TWG, and Environmental-TWG, as well as various industry events related to supply chain, workforce, etc.

Invernergy has remained active in evaluating and bidding into OSW renewable energy certificate power offtake opportunities in both New York and New Jersey.

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## ACRONYMS AND ABBREVIATIONS

ACP	American Clean Power
BOEM	Bureau of Ocean Energy Management
BSEE	Bureau of Safety and Environmental Enforcement
ECR	export cable route
EJ	Environmental Justice
EJ-TWG	Environmental Justice Technical Working Group
E-TWG	Environmental Technical Working Group
F-TWG	Fisheries Technical Working Group
G&G	Geophysical and Geotechnical
GARFO	Greater Atlantic Regional Fisheries Office
Invenergy; Lessee	Invenergy Wind Offshore LLC
Lease Area	Lease Area OCS-A 0542
Lessees	Invenergy and the other BOEM Leaseholders in the New York Bight
M-TWG	Maritime Technical Working Group
NATCP	Native American Tribal Communications Plan
NJDEP	New Jersey Department of Environmental Protection
NOAA Fisheries	National Oceanic and Atmospheric Administration's National Marine Fisheries Service
NPS	National Park Service
NYSDEC	New York State Department of Environmental Conservation
NYSDOT	New York State Department of Transportation
NYSERDA	New York State Energy Research and Development Authority
NYSHPO	New York State Historic Preservation Office
OCS	Outer Continental Shelf
OSW	Offshore Wind
PEIS	Programmatic Environmental Impact Statement
Project; Leading Light Wind	the Project in Lease Area OCS-A 0542 and surrounding waters
Tribes/Tribal Nations	Native American Tribes and Tribal Nations
U.S.	United States
USACE	United States Army Corps of Engineers
USCG	United States Coast Guard
USFWS	United States Fish and Wildlife Service
WTG	wind turbine generator

# 1. Purpose and Background

## 1.1 Purpose

The Bureau of Ocean Energy Management (BOEM) released the *Draft Guidelines and Instructions for Progress Report Required by BOEM New York Bight (OCS-A 0537-0544) and Carolina Long Bay (OCS-A 0545-0546) Leases* in April 2023. This Progress Report is prepared in observance of the BOEM draft guidelines and in accordance with Commercial Lease OCS-A 0542, which requires that Invenergy Wind Offshore LLC (Invenergy; Lessee) submit a Progress Report to BOEM every six months through the Construction and Operations Plan approval process. This Progress Report covers the reporting period of **May 01, 2023 to October 31, 2023**. As required by Addendum C, Section 3.1.1 of the Lease, this Progress Report documents overall Project progress and engagement activities undertaken with agencies, Native American Tribes and Tribal Nations (Tribes/Tribal Nations), communities, ocean user groups, and the public over the reporting period and plans for continued engagement.

## 1.2 Lessee Information

As lead developer, Invenergy is developing the Project in Renewable Energy Lease Area OCS-A 0542 (also called Leading Light Wind; the Project) with co-developer energyRe. Invenergy and its affiliates have successfully developed more than 30 gigawatts of projects that are in operation, construction, or contracted. This includes more than 890 megawatts of wind, solar, and advanced energy storage projects in New York and over 4,600 megawatts of wind, solar, natural gas, and advanced energy storage projects in the PJM Interconnection LLC market. Invenergy has three regional corporate offices in New York State, including in New York City, and has maintained a Project website to inform interested parties and the general public about the Project and provide relevant updates as it progresses (<https://leadinglightwind.com/>). energyRe is an independent New York-based company focused on solving complex challenges and providing clean energy solutions. The team at energyRe has expertise in infrastructure, engineering, and development.

## 1.3 Lease Description

Invenergy executed Commercial Lease OCS-A 0542 in the New York Bight in April 2022. Renewable Energy Lease Area OCS-A 0542 (Lease Area) is located 64 kilometers (40 miles) east of Atlantic City, New Jersey, and 129 kilometers (80 miles) south of Long Island, New York, and encompasses approximately 84,000 acres of the United States (U.S.) Outer Continental Shelf (OCS). The Project will be located within the Lease Area with offshore export cable corridors in surrounding waters. Figure 1 shows the Project Lease Area and other active lease areas in the vicinity. The Lease Area has a low gradient slope with water depths ranging between approximately 32 and 54 meters (104 and 177 feet). Further desktop analysis of the Lease Area and offshore waters is detailed in the 2023 Geophysical and Geotechnical (G&G) Survey Plan submitted to BOEM in March 2023.

The Project will include wind turbine generators (WTGs) in the Lease Area interconnected with electrical cables, foundations for the WTGs, one or two converter/transformer platforms, and export cables connecting to the onshore electrical grid. The Project is projected to deliver over 2,100 megawatts that could power over 800,000 homes annually.



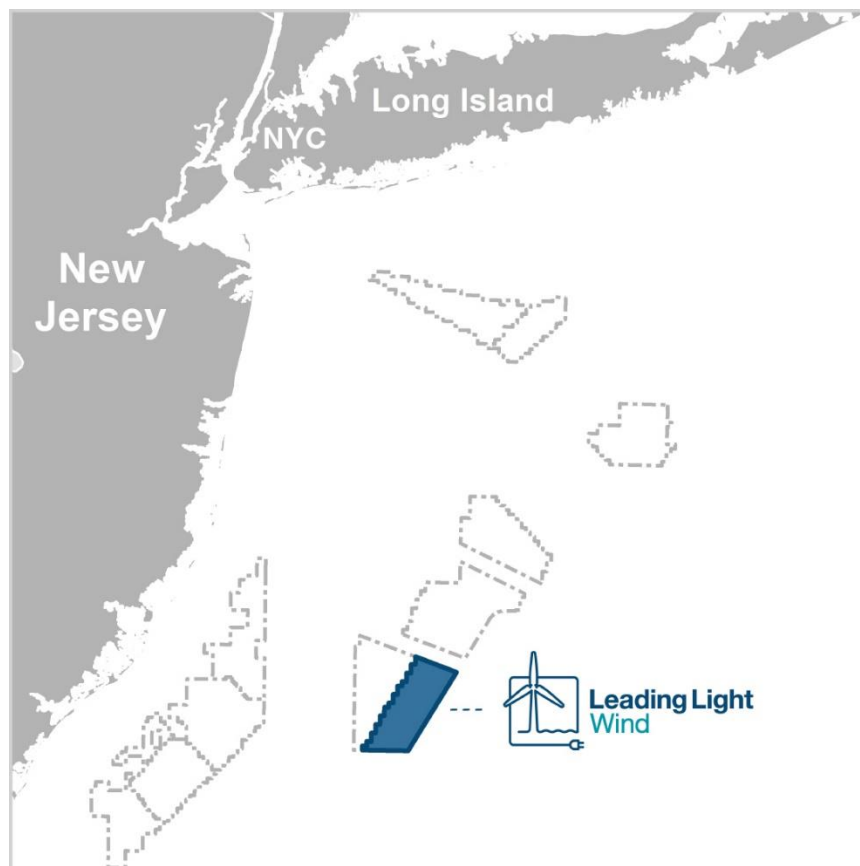


Figure 1. Leading Light Wind, Lease Area OCS-A 0542 and Other Active BOEM Lease Areas

## 2. Tribal Engagement

This section provides a summary of Invenergy's engagement activities with Tribes/Tribal Nations as described in the Commercial Lease OCS-A 0542. Below is a list of applicable federally recognized Tribes/Tribal Nations identified for engagement in Section 5.3.3 of Commercial Lease OCS-A 0542 (Appendix A).

- Absentee-Shawnee Tribe of Indians of Oklahoma,
- Delaware Tribe of Indians,
- Eastern Shawnee Tribe of Oklahoma,
- Mashantucket Pequot Tribal Nation,
- Mashpee Wampanoag Tribe,
- Mohegan Tribe of Connecticut,
- Shawnee Tribe,
- Stockbridge-Munsee Community Band of Mohican Indians,
- The Delaware Nation,
- The Narragansett Indian Tribe,
- The Shinnecock Indian Nation, and

- Wampanoag Tribe of Gay Head (Aquinnah).

In July 2022, BOEM contacted Invenergy and the other New York Bight Lessees (Lessees) to inform parties that BOEM's requirement for each lessee to hold a meeting with the Tribes/Tribal Nations within 120 days of lease execution could be overly burdensome to the Tribes/Tribal Nations. In the spirit of reducing stakeholder burden and coordinating engagement, BOEM indicated that they would facilitate a meeting with all Lessees and Tribes/Tribal Nations to discuss developments in the New York Bight, communication best practices, and the development/refinement of communication plans. BOEM agreed to waive the 120-day deadline associated with Lease Stipulation 3.1.2.2 of Addendum C of leases OCS-A 0537-0544 (such as, requirement for a Native American Tribal Communications Plan [NATCP]).

BOEM released the *Draft Guidelines and Instructions for Native American Tribes Communications Plan Development Required by BOEM New York Bight Leases (OCS-A 0537-0544) and Carolina Long Bay Leases (OCS-A 0545-0546)* in February 2023. The draft guidelines require the six Lessees to coordinate on developing a Joint NATCP. Invenergy collaborated with Bluepoint Wind, LLC (Lease OCS-A 0537), Attentive Energy, LLC (Lease OCS-A 0538), Community Offshore Wind, LLC (Lease OCS-A 0539), Atlantic Shores Offshore Wind, LLC (Lease OCS-A 0541), and Vineyard Mid-Atlantic, LLC (Lease OCS-A 0544) on the development of a Joint NATCP. All identified Tribes/Tribal Nations were invited to review and comment during this process. Some Tribes/Tribal Nations declined to participate in the Joint NATCP development process, however Lessees committed to a "door is always open policy" inviting Tribes/Tribal Nations to participate at any stage of the Joint NATCP development process. Lessees solicited feedback from the participating Tribes/Tribal Nations and collectively incorporated feedback into the Joint NATCP draft. The final Joint NATCP was submitted to the Tribes/Tribal Nations and BOEM on October 16, 2023. The New York Bight Joint NATCP Communication Plan is posted to the Project website<sup>1</sup> (Appendix C).

## 2.1 Overall Tribal Engagement Progress Since Last Report

Under the direction of its Tribal Engagement Representative (Appendix B), Invenergy engaged in continued coordination with all identified federally recognized Tribes/Tribal Nations. Tribal engagement has focused primarily on information sharing and the solicitation of feedback regarding the Joint NATCP. Table 1 includes a summary of engagement activities conducted with Tribes/Tribal Nations during the reporting period.

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<sup>1</sup> <https://leadinglightwind.com/documents>

**Table 1. Tribal Engagement During Reporting Period**

Date	Tribes/Tribal Nations	Focus of Discussion or Engagement and Meeting Objective(s)	Follow-up Actions, Activities, Outcomes
05/15/2023	Delaware Tribe of Indians Mashantucket Pequot Tribal Nation Mashpee Wampanoag Tribe Stockbridge-Munsee Community Band of Mohican Indians The Shinnecock Indian Nation	Coordination meeting with BOEM, six New York Bight Lessees and Tribes/Tribal Nations to discuss Tribal concerns, solicit feedback on the Joint NATCP outline, and establish future touchpoints for coordination with Tribes/Tribal Nations	Introductory meeting, Tribal review and comment on Joint NATCP outline
07/10/2023	All	E-mail invitation for Tribes/Tribal Nations to comment on the proposed Joint NATCP	Information sharing, request for comment by Tribes/Tribal Nations
08/28/2023	All	Email invitation for Tribes/Tribal Nations to attend a virtual Teams meeting on September 21, 2023, to review and provide verbal feedback on the Joint NATCP draft	Information sharing, request for comment by Tribes/Tribal Nations
09/20/2023	Delaware Tribe of Indians	Virtual Teams meeting for Tribes/Tribal Nations to review and comment on the Joint NATCP draft	Incorporation of Tribes/Tribal Nations feedback into the Joint NATCP draft. Finalization and submission of Joint NATCP to Tribes/Tribal Nations and BOEM
09/21/2023	Mashpee Wampanoag Tribe Mashantucket Pequot Tribal Nation Wampanoag Tribe of Gay Head (Aquinnah)	Virtual Teams meeting for Tribes/Tribal Nations to review and comment on the Joint NATCP draft	Incorporation of Tribes/Tribal Nations feedback into the Joint NATCP draft. Finalization and submission of Joint NATCP to Tribes/Tribal Nations, and BOEM

Date	Tribes/Tribal Nations	Focus of Discussion or Engagement and Meeting Objective(s)	Follow-up Actions, Activities, Outcomes
10/16/2023	All	Notice and submission of Joint NATCP to Tribes/Tribal Nations and BOEM	Lessees submitted the final Joint NATCP to Tribes/Tribal Nations and BOEM. Document is evergreen and open for adjustments as needed

## 2.2 Identification of Potential Project Effects Related to Tribal Interests

Table 2 includes a summary of potential effects related to Tribal interests and Tribes/Tribal Nations input on Project design or implementation during the reporting period.

**Table 2. Potential Effects and Tribal Input on Project Design or Implementation During Reporting Period**

Potential Effect	Affected Tribes/Tribal Nations	Effort to Address Potential Effect and/or How the Project Design or Implementation has been Informed
Potential impacts of construction to Native American archaeological sites	All	Invernergy will continue to engage with the Tribes/Tribal Nations as construction plans and designs of facilities advance. Invernergy will engage with Tribes/Tribal Nations during the geoarchaeological survey and coring process
Overall inefficiency of sharing information between Tribes/Tribal Nations/BOEM/Lessees. Clarity on what Tribes/Tribal Nations should advise on	Delaware Tribe of Indians	Invernergy will engage with Tribes/Tribal Nations, Lessees, and BOEM to identify opportunities for better information sharing. Joint NATCP offers methods for further engaging with Tribes/Tribal Nations on this issue
One-half mile study radius for terrestrial archaeological background research is insufficient and at least two miles should be considered	Mashpee Wampanoag Tribe	Invernergy will engage with the Tribes/Tribal Nations as plans/designs for archaeological studies of such areas are refined and advanced

Potential Effect	Affected Tribes/Tribal Nations	Effort to Address Potential Effect and/or How the Project Design or Implementation has been Informed
Ancient, submerged landscapes are found outside of major drainages and are usually higher ridges above waterways. Historically, such areas have been used for ceremonial purposes especially at confluences and marshes	The Delaware Tribe of Indians	Invenergy will engage with the Tribes/Tribal Nations as plans/designs for archaeological studies of such areas are refined and advanced

## 2.3 Tribal Feedback on Transmission Planning

No engagement was conducted with the Tribes/Tribal Nations on transmission planning during this reporting period. Invenergy will continue to engage with Tribes/Tribal Nations on transmission planning as well as the geoarchaeological survey and coring process as the Project’s construction plans and designs of facilities advance and become more refined. With the completion of the Joint NATCP, Invenergy and the Tribes/Tribal Nations have a framework for future engagements.

## 2.4 Anticipated or Scheduled Tribal Engagement Activities

Table 3 includes a summary of anticipated or scheduled engagement activities to be conducted with Tribes/Tribal Nations during the next reporting period (November 01, 2023, to April 30, 2024).

**Table 3. Anticipated Tribal Engagement Activities for the Next Reporting Period**

Anticipated Focus of Discussion or Engagement	Tribes/Tribal Nations	Anticipated Coordinated Engagement with Other Lessees
Geoarchaeological coring meeting	All	None. This meeting will be Project-specific and during Invenergy’s survey timeline at a mutually agreeable time
Routing and siting follow-up meeting on transmission routes and landfall locations	All	None. This meeting will be Project-specific and during Invenergy’s development timeline at a mutually agreeable time
Outreach to Tribes/Tribal Nations to discuss their expressed issues and priorities	All	Various. Lessees, together and individually, may reach out to Tribes/Tribal Nations to discuss issues they have expressed at prior engagements, to identify priorities, and to discuss potential options, approaches, and solutions
Marine species follow-up meeting: protected species observer training, protected species, partnering opportunities, and takes	All	To be determined based on Tribes/Tribal Nations priorities within the Joint NATCP framework

### 3. Engagement with Potentially Affected Parties

Invenergy has continued outreach with Potentially Affected Parties, including federal, state, and local agencies, fisheries, and other stakeholder groups. Invenergy maintains a designated Agency Liaison Officer (Appendix B) for the Project. The Project’s Agency Communication Plan was submitted to BOEM in August 2022 and revised by Invenergy in March 2023. Additionally, Invenergy maintains a designated Fisheries Liaison Officer (Appendix B) for the Project. The Project’s Fisheries Communication Plan was revised by Invenergy in March 2023. The Agency Communication Plan and Fisheries Communication Plan are posted to the Project website<sup>2</sup> (Appendix C).

#### 3.1 Overall Engagement Progress with Potentially Affected Parties Since Last Report

##### 3.1.1 Summary of Federal Agency Engagement Activities

Invenergy has continued engagement with federal agencies on a variety of topics including cable and transmission line routing, benthic and G&G survey campaigns, Section 106, unexploded ordnances, WTG positioning, avian survey plans, areas of concern to specific agencies, natural resources, the Joint NATCP, and BOEM’s programmatic environmental impact statement (PEIS) for the New York Bight. Table 4 provides a summary of engagement activities conducted with federal agencies during the reporting period.

**Table 4. Engagement Activities with Federal Agencies During the Reporting Period**

Date	Federal Agency	Focus of Discussion or Engagement and Meeting Objective(s)	Follow-up Actions, Activities, Outcomes
05/03/2023	US Army Corps of Engineers (USACE) New York District NJ Department of Environmental Protection (NJDEP) a/	Project routing consultation	Continued routing coordination
05/04/2023	USACE Philadelphia District NJDEP a/	Project routing consultation	Continued routing coordination
05/10/2023	BOEM	New York Bight Joint NATCP Outline and meeting agenda discussion with BOEM and Lessees	Refinement of outline by Lessees per BOEM’s guidance
05/25/2023	BOEM	Discussed geophysical survey tow-line spacing	Confirmed tow-line settings with BOEM per BOEM’s collection standards

<sup>2</sup> <https://leadinglightwind.com/documents>

Date	Federal Agency	Focus of Discussion or Engagement and Meeting Objective(s)	Follow-up Actions, Activities, Outcomes
06/06/2023	USACE New York State Department of Environmental Conservation (NYSDEC), New York State Department of Public Service, New York State Department of State a/	Interagency meeting schedule updates	Provided information on Project updates, transmission and interconnection cable routing and studies planned for continued coordination
06/12/2023	BOEM	BOEM monthly meeting on OCS-A 0542	Continued coordination
06/12/2023	BOEM	Debrief with BOEM on the Joint NATCP meeting with Tribes/Tribal Nations	Clarification on timeline for NATCP drafting and submission, roles of BOEM and Lessees
06/27/2023	Greater Atlantic Regional Fisheries Office (GARFO)	Benthic survey planning consultation	Continued coordination
07/07/2023	GARFO	Project introductory call; solicited information regarding planning for fish and fisheries monitoring	Continued coordination
07/10/2023	BOEM	BOEM monthly meeting on OCS-A 0542	Continued coordination
07/10/2023	BOEM	Discussion with BOEM on Protected Species Observer Database	Continued coordination
07/13/2023	BOEM	G&G Survey Plan	BOEM concurred with the revisions of the G&G Survey Plan
07/26/2023	BOEM	Project updates, New York Bight Environmental Justice (EJ) Forum, and PEIS updates	Continued coordination
07/26/2023	BOEM	BOEM review of the eTrac geophysical data	Continued coordination
07/26/2023	BOEM	Fourth New York & New Jersey EJ Forum for Lessees	Continued coordination
07/27/2023	BOEM	Introduction to BOEM's Center for Excellence and underwater noise efforts	Continued coordination

Date	Federal Agency	Focus of Discussion or Engagement and Meeting Objective(s)	Follow-up Actions, Activities, Outcomes
08/03/2023	BOEM	BOEM New York Bight Section 106 consultation #2	Continued coordination
08/08/2023	BOEM, Bureau of Safety and Environmental Enforcement (BSEE)	Unexploded ordnance guidance meeting	Continued coordination
08/08/2023	BOEM, GARFO	Preliminary WTG positions meeting	Continued coordination
08/17/2023	United States Coast Guard (USCG) District 5	Monthly joint meeting with Invenergy and Atlantic Shores Offshore Wind (Lease OCS-A 0541) on layout, marking, and lighting	Continued coordination
08/17/2023	BOEM	Notice of Intent Checklist Webinar	Continued coordination
08/21/2023	BOEM	BOEM monthly meeting on OCS-A 0542	Continued coordination
08/23/2023	BOEM	BOEM side scan sonar data review of previously collected geophysical data	Continued coordination
09/05/2023	BOEM, GARFO, National Oceanic and Atmospheric Administration's National Marine Fisheries Service (NOAA Fisheries)	Spring and summer 2023 benthic campaign data request	Continued coordination
09/07/2023	BOEM	Supplementation of Lease information	Continued coordination
09/07/2023	BOEM, NOAA Fisheries	Spring and summer benthic data delivery	Continued coordination
09/07/2023	BOEM, BSEE	Project introductory meeting	Continued coordination
09/18/2023	National Park Service (NPS)	Special use permit application meeting. Provided Project status for sampling and permitting in NPS jurisdictional waters	Continued coordination
09/18/2023	BOEM, U.S. Fish and Wildlife Service (USFWS)	Avian survey introduction	Continued coordination
09/18/2023	BOEM	BOEM monthly meeting on OCS-A 0542	Continued coordination



Date	Federal Agency	Focus of Discussion or Engagement and Meeting Objective(s)	Follow-up Actions, Activities, Outcomes
10/10/2023	USACE	Freedom of Information Act submission discussion	USACE to go to storage, locate files, send for legal review, and transmit requested documents to Invenergy
10/11/2023	BOEM	BOEM monthly meeting on OCS-A 0542	Continued coordination
10/13/2023	NOAA Fisheries	Fall 2023 benthic survey plan	Continued coordination
10/19/2023	USCG District 5	Monthly joint meeting with Invenergy and Atlantic Shores Offshore Wind (Lease OCS-A 0541) on layout, marking, and lighting	Continued coordination

Note:

a/ Stakeholder engagements inclusive of both federal and state agencies are included as part of the Project's Federal Agency Engagement Activities

### 3.1.2 Summary of State Agency Engagement Activities

Invenergy has continued engagement with state agencies, primarily focused on historic resources, terrestrial routing, and submarine routing. Table 5 provides a summary of engagement activities conducted with state agencies during the reporting period.

**Table 5. Engagement Activities with State Agencies During the Reporting Period**

Date	State Agency	Focus of Discussion or Engagement and Meeting Objective(s)	Follow-up Actions, Activities, Outcomes
05/04/2023	New York State Historic Preservation Office (NYSHPO)	Project introduction and discussed NYSHPO review and submittal process	Received clarity on Phase IA questions. Phase IA to be submitted following NYSHPO's guidance
05/05/2023	New York State Department of Transportation (NYSDOT)	Discussed the potential for highway crossing as it pertains to permitting requirements	NYSDOT requested further discussion regarding next steps
05/10/2023	NJDEP, New Jersey Board of Public Utilities	Pre-bid call, discussed the submarine constraints for potential cable routes and landfalls, preliminary results of routing alternatives review	Continued coordination
05/16/2023	New Jersey Legislature (Senator)	Project introduction. Discussed New Jersey specific economic benefits derived from the Project	Continued coordination

Date	State Agency	Focus of Discussion or Engagement and Meeting Objective(s)	Follow-up Actions, Activities, Outcomes
05/17/2023	New Jersey Legislature (Senator)	Project introduction. Discussed opportunities and benefits of OSW industry	Continued coordination
05/17/2023	New Jersey Turnpike Authority	Discussion of terrestrial cable crossing and interconnection	Continued coordination
05/22/2023	New York State Energy Research and Development Authority's (NYSERDA) Maritime Technical Working Group (M-TWG)	Project and maritime work updates	Continued coordination
05/24/2023	NJDEP	Review of terrestrial routes for NJ3 solicitation	Continued coordination
06/15/2023	New York State Senate	Project introduction. Discussed the Project and introduced team members	Continued coordination
06/15/2023	New Jersey Legislature (Assembly)	Project introduction. Discussed the Project and introduced team members	Continued coordination
06/29/2023	New Jersey Legislature (Assembly)	Project introduction. Discussed the Project and introduced team members	Continued coordination
07/11/2023	Port Authority of New York and New Jersey	Project introduction. Discussed the Project and introduced team members	Continued coordination
07/26/2023	New Jersey Legislature (Senator)	Project introduction. Discussed the Project and introduced team members	Continued coordination
07/27/2023	New Jersey Legislature (Assembly)	Project introduction. Discussed the Project and introduced team members	Continued coordination
08/03/2023	New York State Assembly	Project introduction. Discussed the Project and introduced team members	Continued coordination
08/08/2023	New York State Assembly	Project introduction. Discussed the Project and introduced team members	Continued coordination

Date	State Agency	Focus of Discussion or Engagement and Meeting Objective(s)	Follow-up Actions, Activities, Outcomes
08/14/2023	New Jersey Legislature	Project introduction. Discussed the Project and introduced team members	Continued coordination
08/15/2023	NYSERDA Environmental Justice Technical Working Group (EJ-TWG)	EJ-TWG meeting. Discussion of NYSERDA's broader climate justice and energy equity strategy	Continued coordination
08/23/2023	NYSERDA M-TWG	Project updates	Continued coordination
09/05/2023	NJDEP	Discussion of submarine cable routes to Sea Girt, New Jersey	Continued coordination
09/11/2023	NYSERDA Environmental Technical Working Group (E-TWG)	Updates on state of the science, protected species, regional synthesis, Master Plan 2.0	Continued coordination. Members to provide inputs to the Master Plan
10/10/2023	New Jersey Economic Development Authority	Discussed NJ3 bid and introduced Invenergy background	Continued coordination
10/10/2023	Office of New Jersey Governor	Project introduction. Discussed OSW in New Jersey	Continued coordination

### 3.1.3 Summary of Local Agency Engagement Activities

Invenergy has continued engagement with local agencies, primarily focused on terrestrial routing and potential landfall options. Table 6 provides a summary of engagement activities conducted with local agencies during the reporting period.

**Table 6. Engagement Activities with Local Agencies During the Reporting Period**

Date	Local Agency	Focus of Discussion or Engagement and Meeting Objective(s)	Follow-up Actions, Activities, Outcomes
05/11/2023	Monmouth County, New Jersey Administration	Discussed outreach practices on cable routing	Continued coordination
05/17/2023	Mayor's Office of New York City	Project introduction to Deputy Mayor of Operations staff	Continued coordination
05/24/2023	Borough of Manasquan, New Jersey Administration	Project introduction	Continued coordination

### 3.1.4 Summary of Fisheries Engagement Activities

During the reporting period, Invenergy has continued conversations with the fishing community to garner feedback on fisheries-related questions and concerns pertaining to OSW development. The Fisheries Communication Team provides regular Mariner Updates to fisheries stakeholders notifying them of ongoing and planned development activities. The Fisheries Liaison Officer conducts regular dock visits to disseminate information on development activities and garner feedback. These conversations have resulted in decreasing the potential for conflicts between fishing activities and survey operations. Additionally, Invenergy has contracted regional fishing industry members as Offshore Fisheries Liaison Representatives and/or to provide scout vessel services, ensuring timely and effective communication with fisheries users proximal to survey activities. Invenergy continues to pursue partnership opportunities with fishing industry members and associations, as well as research and academic institutions to advance fisheries-related research and fishing community enhancement opportunities. Invenergy will continue to prioritize sourcing support from regional fishing community members for future Project activities. Table 7 provides a summary of fishing community engagement activities conducted during the reporting period.

**Table 7. Fisheries Engagement Activities During Reporting Period**

Date	Stakeholder(s)	Engagement Objective	Outcome
05/03/2023	Monmouth University	Discussed opportunities for expanding ongoing fisheries monitoring and research	Further discussion of potential commitments regarding the New Jersey solicitation and next steps for continued coordination
05/05/2023	Rutgers Haskin Shellfish Research Laboratory	Discussed potential partnership opportunities to support ongoing research in technological advancements, alternative mitigation strategies, fisheries population modeling, and regional data synthesis	Continued coordination
05/05/2023	Virginia Institute of Marine Science	Reviewed and discussed research partnership opportunities for program development and fisheries research	Virginia Institute of Marine Science to define next steps in build out for the marine and fisheries research program
05/12/2023	American Littoral Society	Continued developing potential partnerships with fisheries stakeholders; scheduled follow-up communication on partnership and funding opportunities for fisheries-related research and monitoring	Continued coordination
05/25/2023	Mid-Atlantic Fisheries Management Council	Provided updates on development activities, including ongoing and planned survey activities	Continued coordination

Date	Stakeholder(s)	Engagement Objective	Outcome
06/02/2023	Rutgers OSW Collaborative	Continued collaborative efforts with research institutions and other fisheries stakeholders to better understand and address fisheries challenges related to OSW development	Continued coordination
06/07/2023	Mid-Atlantic Fisheries Management Council, American Clean Power (ACP)	Introduced ACP New York Bight Fisheries Technical Working Group (F-TWG); shared plans for coordinated fisheries engagement with other Lessees and expanded outreach efforts to the recreational fishing community	Continued coordination
06/15/2023	Massachusetts Lobstermen's Association	Discussed opportunities for Fishing Industry Representative services representing the fixed gear industry	Continued collaboration to define responsibilities and roles within Fishing Industry Representative contract
06/27/2023	NJDEP OSW Working Group	Introduced ACP New York Bight F-TWG and their ongoing projects and initiatives to enhance fisheries engagement and coordination between Lessees	Obtained input on fisheries concerns and priority initiatives of the F-TWG; continued coordination
06/27/2023	Commercial Fishers, For-Hire Fishers	Shared information on ongoing and upcoming surveys; garnered feedback on current fisheries concerns regarding OSW and potential opportunities for involvement	Utilized feedback to inform survey timing and activity; continued coordination
07/13/2023	Recreational Fishers	Answered questions about development activities and potential opportunities for fishers' participation	Continued coordination
07/20/2023	Commercial Fishers (clam)	Collected feedback on concerns from commercial clam industry regarding OSW development; discussed potential fisheries innovation ideas for mitigating fisheries conflicts	Continued coordination; planned follow-up to further discuss cooperative research opportunities between the fishing industry and OSW
07/20/2023	Recreational Fishers	Discussed recreational fishing concerns related to OSW	Continued coordination

Date	Stakeholder(s)	Engagement Objective	Outcome
07/26/2023	Commercial Fishers (pot/trap)	Disseminated information on Project development activities; garnered feedback on potential opportunities for fisheries participation in development activities	Continued coordination
08/11/2023	OSW Supply Chain	Discussed challenges and potential solutions for integrating existing local commercial and for hire vessels into emerging OSW development supply chain	Continued coordination with Rutgers WindIgnite program
08/21/2023	Commercial Fishers, Recreational Fishers, OSW Supply Chain	Addressed fisheries concerns regarding OSW development; discussed challenges and potential solutions for increasing fisheries involvement and engagement	Continued coordination
08/23/2023	American Fisheries Society	Collected information on lessons learned that can inform coexistence of OSW and fisheries; discussed challenges and potential solutions related to OSW development from a fisheries perspective	Identified challenges with onboarding fishing industry members due to nonstandard Health, Safety and Environment requirements between developers; continued coordination on developing a regional approach for fisheries monitoring
09/15/2023	Commercial Fisher (scallop)	Discussed potential roles and responsibilities of a Fishing Industry Representative	Scheduled in-person meeting for continued coordination
09/21/2023	Commercial Fishers, Recreational Fishers	Discussed involvement of commercial and recreational fishers in OSW development activities; verified historical fisheries users and target species within the Project Area; discussed recreational fishing concerns over OSW development in/around identified NJDEP Prime Fishing Grounds	Relayed information to the Project's transmissions team for consideration of routing in regard to NJDEP Prime Fishing Grounds; continued coordination
10/17/2023	Cornell Cooperative Extension of Suffolk County	Discussed partnership opportunities for ongoing and future fisheries education, innovation, and marketing initiatives.	Continued coordination on fisheries-focused partnerships that improve sustainability of fishing industry

Date	Stakeholder(s)	Engagement Objective	Outcome
10/19/2023	Commercial Fisher (clam)	Collected feedback on surfclam and ocean quahog industry concerns and cooperative research opportunities; discussed community benefits programs	Continued coordination
10/20/2023	American Clean Power, Consensus Building Institute, Lessees	Discussed challenges and potential strategies for increasing engagement and representation of recreational fisheries stakeholders	Continued coordination
10/24/2023	Science Center for Marine Fisheries	Learned about Science Center for Marine Fisheries funding process and stakeholder involvement for fisheries-related research	Continued coordination on cooperative research and monitoring

### 3.1.5 Summary of Other Engagement Activities

During this reporting period, Invenergy continued to explore research partnerships with academic institutions and non-governmental organizations to advance environmental research and monitoring in key thematic areas including commercial fisheries, biological resources (i.e., marine mammals, avian/bat, fishes), economic development, technological advancements, and education. Invenergy will continue these efforts to identify and evaluate potential partnership opportunities for furthering meaningful research, information sharing, and work force opportunities. Table 8 provides a summary of engagement activities conducted with other stakeholders.

**Table 8. Engagement Activities with Other Stakeholders During the Reporting Period**

Date	Stakeholder(s)	Engagement Objective	Outcome
05/03/2023	New Jersey Ironworkers Union Local 11	Project introduction	Continued coordination
05/08/2023	North America's Building Trades Unions	Discussed North America's Building Trades Unions' National OSW Agreement	Continued coordination
05/08/2023	Ironworkers Local 399	Project introduction	Continued coordination
05/15/2023	Jingoli	Project introduction	Continued coordination
05/15/2023	International Brotherhood of Electrical Workers New Jersey	Project introduction	Continued coordination

Date	Stakeholder(s)	Engagement Objective	Outcome
05/15/2023	Atlantic City Chamber of Commerce	Project introduction	Continued coordination
05/17/2023	International Union of Operating Engineers Local 825	Project introduction	Continued coordination
05/17/2023	Sandy Hook Pilots Association	Project introduction and discussion of transmission cables	Continued coordination
05/17/2023	New Jersey Business & Industry Association	Project introduction	Continued coordination
05/23/2023	New Jersey Institute of Technology	Project introduction	Continued coordination
05/23/2023	New Jersey Shares	Project introduction	Continued coordination
05/24/2023	Construction and General Laborer's Union Local 172 of South New Jersey	Project introduction	Continued coordination
05/24/2023	Zeem	Electrification partnership for NJ3	Continued coordination
05/31/2023	African American Chamber of Commerce of New Jersey	NJ3 partnership opportunity	Continued coordination
05/31/2023	Regional Wildlife Science Collaborative, Monmouth University	Northeast and Mid-Atlantic Data Portals	Continued discussion of opportunities for data sharing
05/31/2023	Liberty Science Center	NJ3 partnership opportunity	Continued coordination
05/31/2023	New Jersey Shares	Discussion of NJ3 bill relief	Continued coordination
06/01/2023	Hudson County Community College	NJ3 partnership opportunity	Continued coordination
06/05/2023	Rowan University	NJ3 partnership opportunity	Continued coordination
06/06/2023	Zeem	NJ3 partnership opportunity	Continued coordination



Date	Stakeholder(s)	Engagement Objective	Outcome
06/15/2023	New Jersey Council of County Colleges	NJ3 partnership opportunity	Continued coordination
06/20/2023	Southern New Jersey Development Corporation	Paulsboro economic development participation discussion	Continued coordination
06/23/2023	International Brotherhood of Electrical Workers New Jersey	Discussion to coordinate a memorandum of understanding regarding the Project's activities in New Jersey	Continued coordination
06/24/2023	Spin the Yard	Project introduction	Continued coordination
07/06/2023	Rowan University	NJ3 partnership opportunity	Continued coordination
07/06/2023	Groundwork Elizabeth	Project introduction	Continued coordination
7/10/2023	National Academy of Sciences	Standing Committee Meeting on Environmental Science and Assessment for Ocean Energy Management review of proposed studies for 2024-2025	Continued coordination
07/11/2023	Rowan College of South Jersey	Wind Turbine Technician program discussion	Continued coordination
07/13/2023	Salem County Chamber of Commerce	Workforce development board meeting	Continued coordination
07/21/2023	Zeem	NJ3 partnership opportunity	Continued coordination
08/07/2023	Responsible Offshore Science Alliance	Discussion to understand Responsible Offshore Science Alliance's mission and near-term activities; discussed continued engagement and fisheries monitoring considerations	Continued coordination
08/14/2023	Community Health Center of Richmond	Project introduction and discussed sponsorship	Continued coordination
08/16/2023	Jewish Community Center of Staten Island	Project introduction	Continued coordination
08/17/2023	MRV Group	Meeting to discuss National Supplier Diversity Institute climate week planning	Continued coordination

<b>Date</b>	<b>Stakeholder(s)</b>	<b>Engagement Objective</b>	<b>Outcome</b>
09/05/2023	Statewide Hispanic Chamber of Commerce of New Jersey	Meeting to discuss climate week	Continued coordination
09/08/2023	Brooklyn STEAM Center	Project introduction	Continued coordination
09/11/2023	New Jersey Council of Community Colleges	NJ3 submission discussion	Continued coordination
10/06/2023	International Union of Operating Engineers Local 172	Project introduction	Continued coordination
10/09/2023	WhyMaker	Project introduction	Continued coordination
10/16/2023	KidWind	Fall Advisory meeting	Continued coordination on education initiatives
10/17/2023	Ironworkers Local 399	Project introduction	Continued coordination
10/17/2023	International Brotherhood of Electrical Workers Local 351	Project updates	Continued coordination
10/17/2023	Construction and General Laborers Union Local 172	Project updates	Continued coordination
10/18/2023	Eastern Atlantic States Regional Council of Carpenters	Project updates	Continued coordination

## 3.2 Potential Effects and Input from Parties on Project Design or Implementation

Table 9 provides a summary of potential Project effects related to federal, state, and local parties and other stakeholders and their input on Project design and implementation during the reporting period.

**Table 9. Potential Effects and Input from Parties on Project Design or Implementation During the Reporting Period**

Potential Effect	Affected Party	Effort to Address Potential Effect and/or How the Project Design or Implementation has been Informed
Potential construction impact to parkland	NPS	Discussed a Special Use Permit application for conducting geotechnical borings in NPS jurisdiction. Permit application was withdrawn
Potential impacts to USACE areas of jurisdiction	USACE	Continued coordination on methods for avoidance of USACE regulated resources and information requests for federal data layers to inform routing analyses
Potential impacts to fisheries industry from gear loss and damage from survey activities	Fisheries	The Offshore Fisheries Liaison Representatives solicited information from industry members on locations of fishing gear prior to and during survey activities. This information was relayed to the survey team to mitigate potential conflicts between fishing and survey activity. The Offshore Fisheries Liaison Representative is expanding on these conversations to coordinate on future Project activities
Potential impacts to protected bird species	USFWS	Response from USFWS to planned baseline avian surveys was that they did not effectively target federally listed or protected night-time migrating species. Continued coordination is planned to address specific species concerns with USFWS and identify need for additional targeted surveys to effectively assess risks and impacts
Potential impacts to fisheries industry from preliminary WTG positions	GARFO	Continued coordination and further examination of the preliminary WTG layout as to mitigate potential conflicts with the fishing industry
Potential impacts to USCG navigational channels and anchorage areas and mariners who use them	USCG	Continued coordination and further examination of potential impacts and discussions with USCG and the mariner community

### 3.3 Anticipated or Scheduled Engagement Activities

Table 10 provides a summary of anticipated or scheduled engagement activities with federal, state, and local parties and other stakeholders.

**Table 10. Anticipated or Scheduled Engagement with Parties for the Next Reporting Period**

Anticipated Focus of Discussion or Engagement	Party	Anticipated Coordinated Engagement with Other Lessees
Interagency Coordination Meeting on the development and submittal of the Construction and Operations Plan	BOEM, relevant agencies to be determined	None. This engagement is Project-specific
Survey Strategy Meeting: Site Characterization and Pre-Construction, as applicable	BOEM, NOAA Fisheries, USACE, USFWS, other relevant agencies	None. This engagement is Project-specific
Preliminary Project Design Meeting #1: WTG Layouts, Offshore export cable routes (ECRs), and Landfalls, and Resource Concerns (anticipated ~March 2024)	BOEM (Marine Minerals Program), NOAA Fisheries, USACE, USFWS, USCG, other relevant agencies	None. This engagement is Project-specific
Monthly coordination on Construction and Operations Plan development and requisite studies	BOEM, relevant agencies as applicable	None. This engagement is Project-specific
Introductory meeting on Construction and Operations Plan development and requisite studies	BOEM, BSEE, U.S. Environmental Protection Agency, NOAA Fisheries, NPS, USACE, USCG, USFWS, New Jersey Historic Preservation Office, NYSHPO, New Jersey Department of Transportation, NYSDOT, other relevant agencies	None. This engagement is Project-specific
Sediment Transport Analysis and Hydrodynamic Modeling protocol presentation meeting	BOEM, relevant agencies as applicable	None. This engagement is Project-specific
Underwater Acoustic Assessment protocol presentation meeting	BOEM, NOAA Fisheries, relevant agencies as applicable	None. This engagement is Project-specific

Anticipated Focus of Discussion or Engagement	Party	Anticipated Coordinated Engagement with Other Lessees
Terrestrial Archaeological Resources Assessment protocol presentation meeting	BOEM, NJHPO, NYSHPO, relevant agencies as applicable	None. This engagement is Project-specific
Seascape, Landscape, and Visual Impact Assessment protocol presentation meeting	BOEM, relevant agencies as applicable	None. This engagement is Project-specific
Navigation Safety Risk Assessment protocol presentation meeting	BOEM, USCG, relevant agencies as applicable	None. This engagement is Project-specific
PEIS	BOEM, Lessees	Anticipate joint meetings with other Lessees and BOEM to discuss progress of PEIS and to share information
Section 106	BOEM, Lessees	Anticipate joint meetings with other Lessees and BOEM to discuss additional guidance on Section 106
ACP and Lessees monthly coordination with BOEM	BOEM, Lessees, ACP	Continued coordination between BOEM, Lessees, and ACP on the New York Bight
Regulatory process and cable routing	USACE	None. These engagements are Project-specific
Marine cable routing	USCG	None. These engagements are Project-specific
Terrestrial cable routing	New Jersey Department of Transportation, NYSDOT	None. These engagements are Project-specific
Coastal Zone Consistency	New Jersey Department of State, New York State Department of State	None. These engagements are Project-specific
Water Quality and regulatory processes	NJDEP, NYSDEC	None. These engagements are Project-specific
Land Use	NJDEP, New York City Department of Parks & Recreation	None. These engagements are Project-specific

Anticipated Focus of Discussion or Engagement	Party	Anticipated Coordinated Engagement with Other Lessees
Coordination on continuing G&G surveys, gathering peak fishing times and areas, port visits, stakeholder meetings, conferences, tradeshow, tournaments, fisheries mitigation solutions	Fisheries community, Offshore Fisheries Liaison Representative	Anticipate sharing port hours with other Lessees
Science partnership opportunities, cooperative research and data sharing, community outreach	Regional institutions; Regional Wildlife Science Collaborative for Offshore Wind, Responsible Offshore Science Alliance, Northeastern Regional Association of Coastal Ocean Observing Systems, Mid-Atlantic Regional Association Coastal Ocean Observing System, academia, organizations, NOAA Sea Grant OSW Energy Liaison	None. These engagements are Project-specific
OSW development and potential impacts to fish and fisheries	NYSERDA M-TWG and F-TWG, some of these engagements are jointly attended by Lessees	Anticipate continued coordination
Identification and contracting of Fisheries Industry Representatives	Commercial and recreational fisheries stakeholders, Lessees	Anticipate coordinating with Lessees on potential for shared Fisheries Industry Representatives
Coordinating on recreational fisheries engagement and representation in OSW development considerations	American Clean Power, Consensus Building Institute, Lessees, Recreational fisheries stakeholders	This initiative is being coordinated between Lessees
Continued Project information awareness and education	Local stakeholders	None. These engagements are Project-specific

## 4. Survey Plan Activities Under BOEM Review or Underway

Table 11 and Table 12 summarize Invenergy’s survey activities and coordination with BOEM. Invenergy completed two benthic surveys in April 2023 and July 2023. The non-mitigated sources geophysical survey (Phase 1) was completed in April 2023 and the mitigated sources geophysical survey (Phase 2) was completed in October 2023. The boat-based avian surveys, Benthic Survey 3, and geotechnical survey campaign are anticipated to commence in Fall 2023.

**Table 11. Survey Plan Activities Under BOEM Review or Underway**

Type of Survey	Survey Activity Date or Proposed Date	Purpose	Location Description
Geophysical Survey Phase 1 – non-mitigated sources	April 2023	Collected detailed imaging of the seabed to characterize seafloor conditions and mobility, collected backscatter imagery to better understand differing acoustic properties of the seabed, and to refine the understanding of seabed features or obstructions, areas of potential archaeological interest, subsea infrastructure, and potential unexploded ordnance in the Lease Area and potential offshore ECRs	Lease Area and potential offshore ECRs
NY Benthic Survey 2	July 2023	Using an iterative approach, informed by NY Benthic Survey 1 and coordination with BOEM and NOAA Fisheries, collected grab samples, video, and photographs to continue characterization of the benthic environment in the Lease Area and potential offshore ECRs	Lease Area and potential offshore ECRs
Geophysical Survey Phase 2 – mitigated sources	July 2023	Collected detailed imaging of the seabed to characterize seafloor conditions and mobility, collected backscatter imagery to better understand differing acoustic properties of the seabed, and to refine the understanding of seabed features or obstructions, areas of potential archaeological interest, subsea infrastructure, and potential unexploded ordnance in the Lease Area and potential offshore ECRs	Lease Area and potential ECRs
Geotechnical Survey – ECRs	October 2023	Collected geotechnical samples along the ECRs	Potential ECRs

Table 12 provides a summary of anticipated or modified survey activities.

**Table 12. Anticipated or Modified Survey Plan Activities**

Type of Survey	Survey Activity Date or Proposed Date	Purpose	Location Description
Geotechnical Survey	November 2023	Collect geotechnical samples in the Lease Area	Lease Area
Avian Boat-Based Survey	Anticipated to commence Fall (November) 2023 and occurring monthly for one year, pending agency review of the survey plan	Collect site-specific baseline avian data as to develop a baseline understanding of species presence and abundance within the Lease Area to support exposure and risk assessments of birds in the Construction and Operations Plan as well as for the Environmental Impact Assessment under the National Environmental Protection Act	Lease Area
NJ Benthic Survey 1	November 2023	Using an iterative approach, informed by Benthic Survey 2 and in coordination with BOEM and NOAA Fisheries, Invenergy will collect grab samples, video, and photographs to characterize the benthic environment in the potential NJ offshore ECRs and continue sampling in the Lease Area	Lease Area and potential offshore ECRs
NJ Benthic Survey 2	Anticipated to commence Spring 2024	Using an iterative approach, informed by Benthic Survey 3 and coordination with BOEM and NOAA Fisheries, collect grab samples, video, and photographs to continue characterization in the NJ offshore ECRs and continue sampling in the Lease Area	Lease Area and potential offshore ECRs

## 5. Coordinated Engagement

Invenergy has participated in coordinated engagement efforts with other Lessees in the New York Bight. Invenergy has worked with the larger OSW development community through the American Clean Power (ACP) Association to advocate for the OSW industry, collaborate on policy discussions, engage and collaborate on fisheries-related concerns and outreach, and coordinate with federal agencies on emerging policy guidance. Invenergy continues to actively engage with other New York Bight Lessees and BOEM on the PEIS that BOEM is undertaking for the New York Bight and Section 106 guidance.

Invenergy and the New York Bight Lessees will continue to engage with the Tribes/Tribal Nations both individually and collectively regarding Tribes/Tribal Nations interests. Based on these continued discussions, the Lessees will coordinate updates to the Joint NATCP, as necessary. With regard to state activities, Invenergy continues to be an active participant in the New York Offshore Wind Alliance, a project of the Alliance for Clean Energy New York where it works with other OSW developers and other



organizations to promote the responsible development of OSW power for New York. Invenergy is also actively involved in the New Jersey Mid-Atlantic Renewable Energy Coalition where it works with other renewable energy organizations to promote responsible renewable energy development.

As part of the Regional Wildlife Science Collaborative for OSW, Invenergy continues to participate in monthly meetings of the marine mammal, avian/bat, sea turtle, habitat/ecosystem, and industry subcommittees to provide input on the development of the organization's proposed science plan. Additionally, Invenergy participated in multiple NYSERDA TWG engagements with the Environmental Justice Technical Working Group, Maritime Technical Working Group, Jobs and Supply Chain Technical Working Group, and Environmental Technical Working Group for discussion and feedback regarding broader climate justice and energy equity strategies, Project-specific updates, workforce and supply chain activities, and the New York State Master Plan 2.0.

Invenergy continues to pursue research partnerships with academic institutions and non-governmental organizations to advance environmental research and monitoring in key thematic areas including commercial fisheries, biological resources (i.e., marine mammals, avian/bat, fishes), economic development, technological advancements, and education. Invenergy will continue these efforts to identify and evaluate potential partnership opportunities for furthering meaningful research, information sharing, and work force opportunities. Invenergy maintains regular discussions with administrators of the Northeast and Mid-Atlantic Ocean Data Portals regarding data sharing opportunities in support of their efforts to synthesize survey and monitoring data at regional scales.

## Appendix A. Tribes/Tribal Nations and Other Parties Relevant to the Project

**Table A-1. Federally Recognized Tribes/Tribal Nations Relevant to the Project**

Name of Tribe
Absentee-Shawnee Tribe of Indians of Oklahoma
Delaware Tribe of Indians
Eastern Shawnee Tribe of Oklahoma
Mashantucket Pequot Tribal Nation
Mashpee Wampanoag Tribe
Mohegan Tribe of Connecticut
Shawnee Tribe
Stockbridge-Munsee Community Band of Mohican Indians
The Delaware Nation
The Narragansett Indian Tribe
The Shinnecock Indian Nation
Wampanoag Tribe of Gay Head (Aquinnah)

**Table A-2. Parties Relevant to the Project**

Name of Party	Party Type(s)
Bureau of Ocean Energy Management	Federal Agency Federal Agency (FA)
Bureau of Safety and Environmental Enforcement	FA
Department of Defense	FA
Department of Transportation	FA
Greater Atlantic Regional Fisheries Office	FA
National Marine Fisheries Service	FA
National Oceanic and Atmospheric Administration	FA
National Park Service	FA
United States Army Corps of Engineers (New York District and Philadelphia District)	FA
United States Coast Guard	FA
United States Environmental Protection Agency	FA
United States Fish and Wildlife	FA
New Jersey Board of Public Utilities	State Agency (SA)
New Jersey Department of Environmental Protection	SA
New Jersey Economic Development Authority	SA

Name of Party	Party Type(s)
New Jersey Turnpike Authority	SA
New York City Department of Parks & Recreation	SA
New York State Department of State	SA
New York State Department of Transportation	SA
New York State Department of Environmental Conservation	SA
New York State Department of Public Service	SA
New York State Energy Research and Development Authority	SA
New York State Historic Preservation Office	SA
New York State Metropolitan Transportation Authority	SA
American Clean Power	Tribal, State, Federal, or Other Working Group or Forum (WG)
American Clean Power Fisheries Subcommittee	WG
Environmental Justice Technical Working Group	WG
Environmental Technical Working Group	WG
Fisheries Technical Working Group	WG
Maritime Technical Working Group	WG
Mid-Atlantic Fishery Management Council	WG
New York Bight Working Group	WG
New York Chapter of the American Fisheries Society	WG
New York State Department of Environmental Conservation Offshore Wind Working Group	WG
Northeast Fisheries Management Council	WG
American Littoral Society	Educational and Research Institutions (ERI)
Brooklyn STEAM Center	ERI
Cornell Cooperative Extension of Suffolk County New York	ERI
Hudson County Community College	ERI
Liberty Science Center	ERI
Mid-Atlantic Regional Association Coastal Ocean Observing System	ERI
Monmouth University	ERI
National Academy of Sciences	ERI
New Jersey Universities and Colleges	ERI
Northeastern Regional Association of Coastal Ocean Observing Systems	ERI
Regional Wildlife Science Collaborative for Offshore Wind	ERI

Name of Party	Party Type(s)
Responsible Offshore Science Alliance	ERI
Rutgers Haskin Shellfish Research Laboratory	ERI
Rutgers Offshore Wind Collaborative	ERI
Science Center for Marine Fisheries	ERI
Virginia Institute of Marine Science	ERI
Commercial and For-Hire Fishers	Commercial Fishery Industry (CFish)
Commercial Fishermen of Long Island and New York	CFish
Massachusetts Lobstermen’s Association	CFish
African American Chamber of Commerce of New Jersey	Other
American Marine Conservation Society	Other
Atlantic City New Jersey Chamber of Commerce	Other
Community Health Center of Richmond	Other
Construction and General Laborers Union	Other
Eastern Atlantic States Regional Council of Carpenters	Other
International Brotherhood of Electrical Workers	Other
International Union of Operating Engineers	Other
Iron Workers Union	Other
Jewish Community Center of Staten Island New York	Other
New Jersey Business & Industry Association	Other
New Jersey Office of the Governor	Other
New Jersey State Legislature	Other
New Jersey Transit Authority	Other
New York State Assembly	Other
New York State Building and Construction Trades	Other
New York State Senate	Other
North America’s Building Trades Unions	Other
Port Authority of New York and New Jersey	Other
Salem County New Jersey Chamber of Commerce	Other
Sandy Hook Pilots Association	Other
Southern New Jersey Development Corporation	Other
Statewide Hispanic Chamber of Commerce of New Jersey	Other

## Appendix B. Lessee and Liaison Contact Information

Name	Contact Information
Agency Liaison Officer	Carmen Bennett, PhD, ENVSP Invenergy, Leading Light Wind <a href="mailto:cbernett@invenergy.com">cbernett@invenergy.com</a> 708-883-3878
Tribal Engagement Representative	Hope Luhman, PhD, RPA Applied Cultural Heritage LLC <a href="mailto:hope@appliedculturalheritage.com">hope@appliedculturalheritage.com</a> 518-334-6035
Fisheries Liaison Officer	Sarah Hudak Sea Risk Solutions <a href="mailto:shudak@searisksolutions.com">shudak@searisksolutions.com</a> 919-302-8559

## Appendix C. Communications Plans

Communications Plans	
Agency Communication Plan	<a href="https://leadinglightwind.com/assets/img/Leading-Light-Wind_Agency-Comms-Plan_Final-rev.1_032423_2023-03-24-223010_nyis.pdf">https://leadinglightwind.com/assets/img/Leading-Light-Wind_Agency-Comms-Plan_Final-rev.1_032423_2023-03-24-223010_nyis.pdf</a>
Fisheries Communication Plan	<a href="https://leadinglightwind.com/documents">https://leadinglightwind.com/documents</a>
New York Bight Joint Native American Tribes Communication Plan	<a href="https://leadinglightwind.com/assets/pdfs/leadinglightoffshore/New-York-Bight-Joint-Native-American-Tribes-Communication-Plan-October-2023.pdf">https://leadinglightwind.com/assets/pdfs/leadinglightoffshore/New-York-Bight-Joint-Native-American-Tribes-Communication-Plan-October-2023.pdf</a>