



# Progress Report

## OCS-A 0545: TotalEnergies Carolina Long Bay, LLC

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## Executive Summary

TotalEnergies Carolina Long Bay, LLC (“TotalEnergies”), has developed this Progress Report (“Report”) to comply with lease Addendum C Section 3.1 and is organized by audience-specific and activity-related sections: Section 2.0, Tribal Engagement, Section 3.0, Engagement with Potentially Affected Parties, and Section 4.0, Survey Plan Activities. The progress reports document ongoing engagement activities from the early stages of project development and foster transparency in the process.

TotalEnergies and Cinergy Corp, a direct affiliate of Duke Energy (Duke Energy)<sup>1</sup>, owner of the adjacent Lease Area OCS-A 0546, have agreed to hold joint outreach meetings when possible as the projects advance per lease stipulation 3.1.3.

Overview of actions since last Progress Report:

- TotalEnergies and Duke Energy held several interagency meetings and several individual agency discussions for project updates and to share information on surveys.
- TotalEnergies and Duke Energy carried out joint high resolution geophysical surveys at proposed buoy deployment locations in compliance with the BOEM approved SAP Buoy Survey Plan.
- TotalEnergies engaged with various industry groups including American Clean Power Association, Business Network for Offshore Wind, Southeastern Wind Coalition, and the North Carolina Sustainable Energy Association.
- TotalEnergies and Duke Energy shared an updated joint Native American Tribes Engagement Plan (NATCP) in November based on meetings and feedback received from BOEM and Tribes.
- TotalEnergies requested a transfer in April 2023 for Lease Area OCS-A 0545 to a new entity - TotalEnergies Carolina Long Bay, LLC. The legal, technical and commercial qualifications were met, and final confirmation of the transfer was received in November 2023.
- TotalEnergies has a new Fisheries Liaison, Albie Solana, who started in October 2023.
- TotalEnergies and Duke Energy have strengthened their collaboration – executing joint buoy deployment surveys and submitting a joint Site Assessment Plan (SAP) to BOEM on November 15, 2023.

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<sup>1</sup> Lease area OCS-A-0546 Duke Energy Renewables Wind, LLC, was reassigned to Cinergy Corp. on July 12, 2023.

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## Acronyms and Abbreviations

Acronym/abbreviation	Definition
ACP	Agency Communications Plan
BOEM	Bureau of Ocean Energy Management
CC	Coastal Community
CFish	Commercial Fishery Industry
CSSF	Coastal States Stewardship Foundation
DER	Duke Energy Renewables Wind, LLC
ERI	Educational and Research Institutions
FAA	Federal Aviation Administration
FCP	Fisheries Communications Plan
FA	Federal Agency
fishing communities	commercial and recreational fishing industries; tribal subsistence fishers
HDD	horizontal directional drilling
HVAC	high voltage alternating current
HVDC	High voltage direct current
Lease Area	Lease Area OCS-A 0545
LA	Local Agency
M	Maritime Industry/Mariners
MARCO	Mid-Atlantic Regional Council on the Ocean
NAGPRA	Native American Graves Protection and Repatriation Act
NATCP	Native American Tribes Communications Plan
NCDEQ	North Carolina Department of Environmental Quality
NCDHHS	North Carolina Department of Health and Human Services,
NCDOA	North Carolina Department of Administration
NCDOC	North Carolina Department of Commerce
NCDOL	North Carolina Department of Labor
NC TOWERS	North Carolina Taskforce for Offshore Wind Economic Resource Strategies
NFRTribe	Non-Federally Recognized Tribe
NGO	Environmental and Public Interest Non-Governmental Organizations
NOAA	National Oceanic and Atmospheric Administration
NOAA Fisheries	National Marine Fisheries Service

Acronym/abbreviation	Definition
NPS	National Park Service
NROC	Northeast Regional Ocean Council
OCS	Outer Continental Shelf
OREP	BOEM Office of Renewable Energy Programs
OU	Other Ocean Users
Project	TotalEnergies Carolina Long Bay (TE-CLBay)
RFish	Recreational Fishery Industry
RWSC	Regional Wildlife Science Collaborative for Offshore Wind
SA	State Agency
SCO	Submarine Cable Operators
SEARCH	SEARCH, Inc
STEM	Science, technology, engineering and mathematics
TES	Tribal Engagement Survey
Tribes	Native American Tribes, Tribal Nations, and Tribal Organizations
UC	Underserved Community, as defined in Section 2 of Executive Order 13985
USCG	United States Coast Guard
USFWS	United States Fish and Wildlife Service
UTNC	United Tribes of North Carolina
WG	Tribal, State, Federal, or Other Working Group or Forum

## **1.0 PURPOSE AND BACKGROUND**

### **1.1 Progress Report Purpose**

TotalEnergies Carolina Long Bay, LLC (“TotalEnergies”), has developed this Progress Report (“Report”) to comply with lease Addendum C Section 3.1, which requires a progress report every six months (or as Bureau of Ocean Energy Management [“BOEM”] otherwise directs) through the site assessment term that includes a brief narrative of engagement since the last progress report, which was submitted July 1, 2023.

The progress reports document ongoing engagement activities from the early stages of project development and foster transparency in the process. At this early stage of the project, many discussions are introductory in nature and are designed as a starting point to establish relationships with a wide array of stakeholders. As these relationships progress, TotalEnergies will have ongoing opportunities to seek advanced input on specific project elements and will take that feedback into consideration for project planning and design. If BOEM provides comments on the progress report (within 60 calendar days from receipt), TotalEnergies will address comments and modify the progress report.

### **1.2 Lessee Information**

TotalEnergies is the leaseholder of the Lease Area OCS-A 0545 (“OCS-A 0545 – TotalEnergies Carolina Long Bay, LLC”), where TotalEnergies proposes to construct and operate a wind energy generation facility called TotalEnergies Carolina Long Bay (“TE-CLBay” or “Project”). TotalEnergies is part of a global multi-energy company, TotalEnergies SE, that produces and markets energy. TotalEnergies SE has a 15-gigawatt (“GW”) offshore wind development portfolio globally and made its debut into the U.S. offshore wind market via BOEM’s New York Bight (“NYB”) 2022 lease auction, where rights were obtained for developing the Attentive Energy Project. TotalEnergies subsequently participated in the BOEM Carolina Long Bay lease auction in May 2022 and obtained rights for Lease Area OCS-A 0545 – TotalEnergies Carolina Long Bay, LLC.

### **1.3 Lease Description**

Lease Area OCS-A 0545 – TotalEnergies Carolina Long Bay, LLC, is a 54,937-acre area located on the outer continental shelf (OCS) approximately 22 statute miles from the coast of North Carolina. The adjacent Lease Area OCS-A 0546 (OCS-A 0546 – Cinergy Corp) is owned by Cinergy Corp, a direct affiliate of Duke Energy (Duke Energy)<sup>2</sup>. A map of the Lease Areas is shown in Figure 1-1.

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<sup>2</sup> Lease area OCS-A-0546 Duke Energy Renewables Wind, LLC, was reassigned to Cinergy Corp. on July 12, 2023.

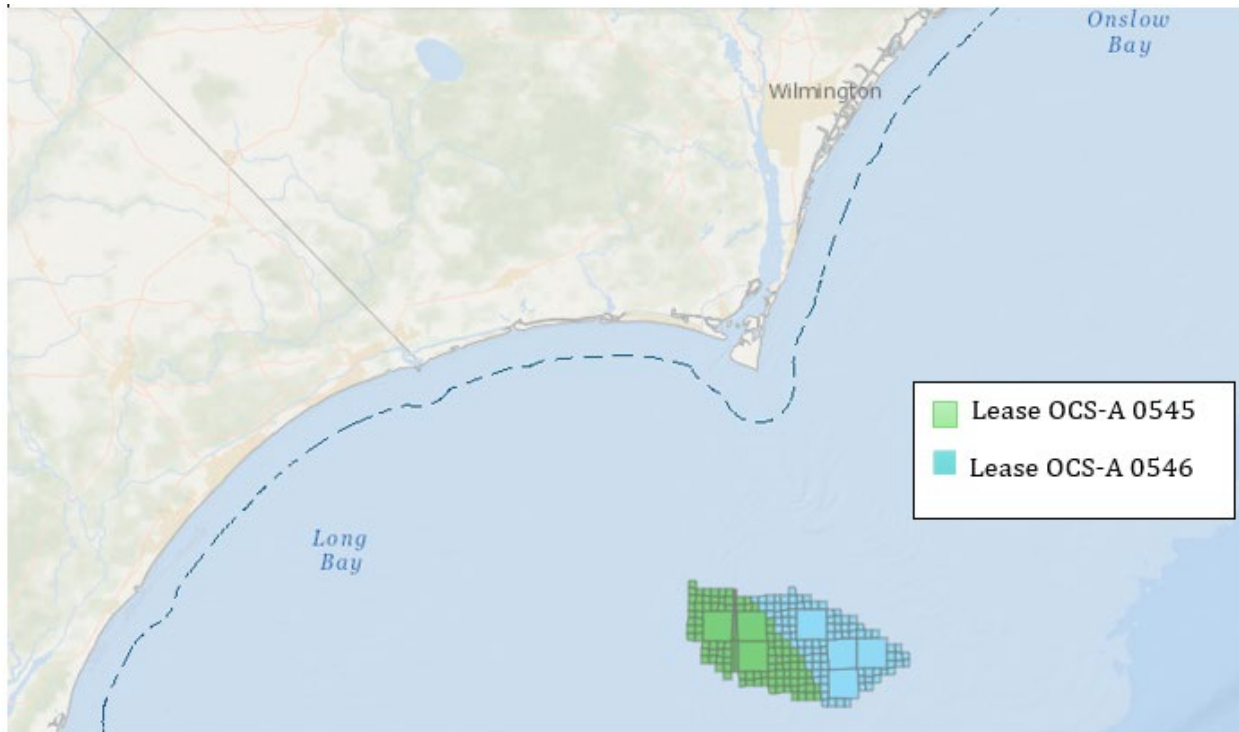


Figure 1-1. Lease Area OCS-A 0545 - TotalEnergies Carolina Long Bay, LLC, and Lease Area OCS-A 0546 – Cinergy Corp

## 2.0 TRIBAL ENGAGEMENT

### 2.1 Overall Tribal Engagement Progress Since Last Report

BOEM’s lease stipulations 3.1.1 and 3.1.2 require TotalEnergies to engage with federally recognized Tribes that have historical and cultural ties to Lease OCS-A 0545 – TotalEnergies Carolina Long Bay, LLC, and to prepare a Native American Tribes Communication Plan (NATCP). Per BOEM’s guidance, TotalEnergies and Duke Energy are carrying out joint engagement with the Tribes – starting with a joint Tribal Engagement Survey sent in November 2022 and are developing a single NATCP covering both projects. Both TotalEnergies and Duke Energy have elected to also engage with Non-Federally Recognized Tribes, recognizing the importance of allowing all Native American peoples with historical and cultural ties to the area an opportunity to share their perspectives, opinions, concerns, and recommendations during development of the Project. TotalEnergies and Duke Energy have individually contracted with SEARCH, Inc, (SEARCH) to provide Tribal Liaisons for each project and to coordinate Tribal outreach activities.

Since the July 2023 Progress Report, TotalEnergies and Duke Energy updated the draft NATCP, with an added Post Review Discovery Plan as requested by the Tribes and provided the updated NATCP with the Federally Recognized Tribes and the Non-Federally Recognized Tribes. As a follow-up to the Tribal Pre-Survey Meeting held in April 2023, TotalEnergies and Duke Energy provided additional notice to Tribes in the weeks before the survey was carried out in August 2023.

As part of the ongoing engagement discussions, the following Tribes have declined participation in the NATCP process and general project engagement:

- Delaware Tribe of Indians
- Delaware Nation
- Chickahominy Indian Tribe Eastern Division
- Cherokee Nation
- Shawnee Tribe

TotalEnergies and Duke Energy are open to re-engaging these Tribes upon request at any point as the projects advance. However, the activities described below did not include these Tribes following the point that they declined to participate.



**Table 2-1. Tribal engagement during reporting period**

Focus of Discussion or Engagement	Tribe(s)	Follow-up Actions, Activities, Outcomes	Coordinated Engagement with Other Lessees
Survey Activity Update Letter via email	<p>Federally Recognized Tribes</p> <ul style="list-style-type: none"> <li>- Eastern Band of Cherokee Indians</li> <li>- Catawba Indian Nation</li> <li>- Tuscarora Nation</li> <li>- United Keetoowah Band of Cherokee Indians</li> <li>- Nansemond Indian Nation</li> <li>- Chickahominy Indian Tribe</li> <li>- Monacan Indian Nation</li> <li>- Upper Mattaponi Indian Tribe</li> <li>- Rappahannock Tribe</li> <li>- Pamunkey Indian Tribe</li> <li>- Seminole Tribe of Florida</li> </ul> <p>Non-Federally Recognized Tribes</p> <ul style="list-style-type: none"> <li>- Wassamasaw Tribe of Varnertown Indians</li> <li>- Eastern Cherokee, Southern Iroquois, and United Tribes of South Carolina</li> <li>- Lumbee Tribe of North Carolina</li> <li>- Edisto Natchez-Kusso Tribe of South Carolina</li> <li>- Lower Eastern Cherokee Nation of South Carolina</li> <li>- Pee Dee Indian Tribe</li> <li>- Coharie Indian Tribe</li> <li>- Haliwa-Saponi Tribe</li> <li>- Chaloklowa Chickasaw Indian People</li> <li>- Meherrin Indian Tribe</li> <li>- Natchez Tribe of South Carolina</li> <li>- Occaneechi Band of the Saponi Nation</li> <li>- Pee Dee Indian Nation of Beaver Creek</li> <li>- Pee Dee Indian Nation of Upper South Carolina</li> <li>- Sappony</li> <li>- Sumter Tribe of Cheraw Indians</li> <li>- The Santee Indian Organization</li> <li>- Waccamaw Siouan</li> <li>- Waccamaw Indian People</li> </ul>	The OCS-A 0546-Cinergy Corp and OCS-A 0545-TotalEnergies Carolina Long Bay Tribal Liaisons provided a Survey Activity Update Letter and a Survey Plan Fact Sheet to various tribal representatives from each Tribe.	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay Tribal Liaisons coordinated to provide the Survey Activities Update Letter to Native American Tribes/Tribal Nations.

Focus of Discussion or Engagement	Tribe(s)	Follow-up Actions, Activities, Outcomes	Coordinated Engagement with Other Lessees
<p>Distribution of the revised version of the Carolina Long Bay NATCP, provided links to the Project Progress Reports, and proposed the first of four quarterly meetings to occur in March of 2024 to participating Native American Tribes/Tribal Nations.</p>	<p>Federally Recognized Tribes</p> <ul style="list-style-type: none"> <li>- Eastern Band of Cherokee Indians</li> <li>- Catawba Indian Nation</li> <li>- Tuscarora Nation</li> <li>- United Keetoowah Band of Cherokee Indians</li> <li>- Nansemond Indian Nation</li> <li>- Chickahominy Indian Tribe</li> <li>- Monacan Indian Nation</li> <li>- Upper Mattaponi Indian Tribe</li> <li>- Rappahannock Tribe</li> <li>- Pamunkey Indian Tribe</li> <li>- Seminole Tribe of Florida</li> </ul> <p>Non-Federally Recognized Tribes</p> <ul style="list-style-type: none"> <li>- Wassamasaw Tribe of Varnertown Indians</li> <li>- Eastern Cherokee, Southern Iroquois, and United Tribes of South Carolina</li> <li>- Lumbee Tribe of North Carolina</li> <li>- Edisto Natchez-Kusso Tribe of South Carolina</li> <li>- Lower Eastern Cherokee Nation of South Carolina</li> <li>- Pee Dee Indian Tribe</li> <li>- Coharie Indian Tribe</li> <li>- Haliwa-Saponi Tribe</li> <li>- Chaloklowa Chickasaw Indian People</li> <li>- Meherrin Indian Tribe</li> <li>- Natchez Tribe of South Carolina</li> <li>- Occaneechi Band of the Saponi Nation</li> <li>- Pee Dee Indian Nation of Beaver Creek</li> <li>- Pee Dee Indian Nation of Upper South Carolina</li> <li>- Sappony</li> <li>- Sumter Tribe of Cheraw Indians</li> <li>- The Santee Indian Organization</li> <li>- Waccamaw Siouan</li> <li>- Waccamaw Indian People</li> </ul>	<p>The OCS-A-0546-Cinergy Corp and OCS-A-0545-TotalEnergies Carolina Long Bay Tribal Liaisons will continue to engage with Native American Tribes/Tribal Nations throughout development of the NATCP as the Project progresses.</p> <p>The OCS-A-0546-Cinergy Corp and OCS-A 0545-TotalEnergies Native American Tribal Liaisons will continue to provide Project updates to participating Native American Tribes/Tribal Nations.</p>	<p>The OCS-A-0546-Cinergy Corp and OCS-A-0545-TotalEnergies Carolina Long Bay Tribal Liaisons coordinated to provide the NATCP, links to the Progress Reports, and propose quarterly engagement meetings with Native American Tribes/Tribal Nations.</p>

Focus of Discussion or Engagement	Tribe(s)	Follow-up Actions, Activities, Outcomes	Coordinated Engagement with Other Lessees
North Carolina Commission of Indian Affairs	NC Commission on Indian Affairs includes <ul style="list-style-type: none"> <li>- 21 representatives of the American Indian community</li> <li>- Two representatives appointed by the General Assembly</li> <li>- One representative each from NC Department of Health and Human Services, NC Department of Administration, NC Department of Commerce, NC Department of Environmental Quality &amp; NC Department of Labor</li> </ul>	After sharing the updated NATCP in November 2023, TotalEnergies and Duke Energy notified the Director of the NC Commission on Indian Affairs and offered to present at future meetings.	Joint tribal engagement between TotalEnergies and Duke Energy.

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

OCS-A 0545 – TotalEnergies and OCS-A-0546-Cinergy Corp. received feedback from the Seminole Tribe of Florida after the BOEM-Tribal-Lessee Native American Tribal Communication Plan Meeting with federally recognized Tribes held during the previous reporting period. During this meeting, the Seminole Tribe of Florida requested that a Native American Graves Protection and Repatriation Act (NAGPRA) Action Plan be included in the NATCP. BOEM is responsible for developing a formal NAGPRA Plan of Action and carrying out steps for inadvertent discoveries. OCS-A 0545 – TotalEnergies and OCS-A-0546-Cinergy Corp. recognize the responsibility to notify BOEM if ancestral remains or funerary artifacts are discovered per the lease stipulations. In response to the Seminole Tribe of Florida’s request, during this reporting period OCS-A 0545 – TotalEnergies and OCS-A-0546-Cinergy Corp. drafted a Post Review Discovery Clause for Lessee activities in federal waters that identifies how the lessees will comply with Section 5.3.7 through 5.3.7.5 of Addendum “C” of the Carolina Long Bay commercial lease stipulations. As additional feedback or input is received, Table 2-2 will be updated accordingly.

**Table 2-2. Potential effects and Tribal input on project design/implementation during reporting period**

Potential Effect/Feedback	Tribe(s) that Raised Potential Effect/Feedback	Efforts to Address Potential Effect and/or How the Project Design or Implementation Has Been Informed
Potential identification of ancestral remains or funerary artifacts during project activities.	Seminole Tribe of Florida	SEARCH has drafted a Post Discovery Clause detailing Lessee compliance with Section 5.3.7 through 5.3.7.5 of Addendum “C” of the CLB commercial lease stipulations and provided it to Tribes as an attachment to the revised NATCP.
Value of individualized and in-person interactions	<ul style="list-style-type: none"> <li>- Coharie Indian Tribe</li> <li>- Lumbee Tribe of North Carolina</li> </ul>	During the last reporting period, several Non-Federally Recognized Tribes noted the importance of Tribal Liaisons reaching out individually to each Tribe and the added value of in-person interactions. NATCP was updated to reflect this feedback and provide opportunities for in-person interactions.

## **2.3 Tribal Feedback on Transmission Planning**

At this early stage of the project, many discussions are introductory in nature and are designed as a starting point to establish relationships with a wide array of stakeholders. As these relationships progress, TotalEnergies will have ongoing opportunities to seek advanced input on specific project elements and will take that feedback into consideration for project planning and design. Discussions on transmission planning have been preliminary in nature and have encompassed the following elements:

- An export cable from OCS-A 0545 – TotalEnergies Carolina Long Bay, LLC, can make landfall in North Carolina or South Carolina
- Landfall location is dependent upon many factors, including distance from project, onshore grid capabilities, and power purchase agreement/interconnection agreement
- Distance to landfall site is a determining factor for the type of cable
  - o High voltage alternating current (HVAC) are used for shorter distances
  - o High voltage direct current (HVDC) are used for longer distances over ~30 miles
- Landfall will utilize horizontal directional drilling (HDD) to bring a cable from several thousand feet offshore directly to a designated location further onshore – thus avoiding impacts to any beach or shoreline.

These preliminary discussions have not resulted in specific feedback.

## **2.4 Anticipated or Scheduled Tribal Engagement Activities**

TotalEnergies and Duke Energy will continue joint outreach and engagement with Tribal Representatives in the coming months relating to the Draft NATCP and upcoming survey activities. The Tribal Liaisons will continue to discuss the NATCP with Tribes and incorporate any feedback received as appropriate. Discussions on any proposed survey activities for 2024 will be carried out, as well as sharing information on the buoy deployment following SAP approval. The Tribal Liaisons maintain a list of potential events held by Tribes (and other groups) that will provide an opportunity for in-person discussions and relationship building. TotalEnergies and Duke Energy will also seek input from Tribes on any subsistence fishing activities that may be carried out near the project areas.

**Table 2-3. Anticipated Tribal engagement for next reporting period**

Potential Effect/Feedback	Affected Tribe(s)	Anticipated Tribal Engagement for Next Reporting Period
<p>Provide continued updates to Native American Tribes concerning the anticipated met buoy deployment and site assessment activities for 2024.</p>	<p>Federally Recognized Tribes</p> <ul style="list-style-type: none"> <li>- Eastern Band of Cherokee Indians</li> <li>- Catawba Indian Nation</li> <li>- Tuscarora Nation</li> <li>- United Keetoowah Band of Cherokee Indians</li> <li>- Nansemond Indian Nation</li> <li>- Chickahominy Indian Tribe</li> <li>- Monacan Indian Nation</li> <li>- Upper Mattaponi Indian Tribe</li> <li>- Rappahannock Tribe</li> <li>- Pamunkey Indian Tribe</li> <li>- Seminole Tribe of Florida</li> </ul> <p>Non-Federally Recognized Tribes</p> <ul style="list-style-type: none"> <li>- Wassamasaw Tribe of Varnertown Indians</li> <li>- Eastern Cherokee, Southern Iroquois, and United Tribes of South Carolina</li> <li>- Lumbee Tribe of North Carolina</li> <li>- Edisto Natchez-Kusso Tribe of South Carolina</li> <li>- Lower Eastern Cherokee Nation of South Carolina</li> <li>- Pee Dee Indian Tribe</li> <li>- Coharie Indian Tribe</li> <li>- Haliwa-Saponi Tribe</li> <li>- Chaloklowa Chickasaw Indian People</li> <li>- Meherrin Indian Tribe</li> <li>- Natchez Tribe of South Carolina</li> <li>- Occaneechi Band of the Saponi Nation</li> <li>- Pee Dee Indian Nation of Beaver Creek</li> <li>- Pee Dee Indian Nation of Upper South Carolina</li> <li>- Beaver Creek Indians</li> <li>- Piedmont American Indian Association</li> <li>- Sappony</li> <li>- Sumter Tribe of Cheraw Indians</li> <li>- The Santee Indian Organization</li> <li>- Waccamaw Siouan</li> <li>- Waccamaw Indian People</li> </ul>	<p>OCS-A-0546-Cinergy Corp. and OCS-A 0545-TotalEnergies Tribal Liaisons will coordinate joint engagement on met buoy deployment with all tribes who have not declined participation in the NATCP process.</p>

Potential Effect/Feedback	Affected Tribe(s)	Anticipated Tribal Engagement for Next Reporting Period
<p>Virtual quarterly project update meetings to receive Project feedback and recommendations from Native American Tribes/Tribal Nations.</p>	<p>Federally Recognized Tribes</p> <ul style="list-style-type: none"> <li>- Eastern Band of Cherokee Indians</li> <li>- Catawba Indian Nation</li> <li>- Tuscarora Nation</li> <li>- United Keetoowah Band of Cherokee Indians</li> <li>- Nansemond Indian Nation</li> <li>- Chickahominy Indian Tribe</li> <li>- Monacan Indian Nation</li> <li>- Upper Mattaponi Indian Tribe</li> <li>- Rappahannock Tribe</li> <li>- Pamunkey Indian Tribe</li> <li>- Seminole Tribe of Florida</li> </ul> <p>Non-Federally Recognized Tribes</p> <ul style="list-style-type: none"> <li>- Wassamasaw Tribe of Varnertown Indians</li> <li>- Eastern Cherokee, Southern Iroquois, and United Tribes of South Carolina</li> <li>- Lumbee Tribe of North Carolina</li> <li>- Edisto Natchez-Kusso Tribe of South Carolina</li> <li>- Lower Eastern Cherokee Nation of South Carolina</li> <li>- Pee Dee Indian Tribe</li> <li>- Coharie Indian Tribe</li> <li>- Haliwa-Saponi Tribe</li> <li>- Chaloklowa Chickasaw Indian People</li> <li>- Meherrin Indian Tribe</li> <li>- Natchez Tribe of South Carolina</li> <li>- Occaneechi Band of the Saponi Nation</li> <li>- Pee Dee Indian Nation of Beaver Creek</li> <li>- Pee Dee Indian Nation of Upper South Carolina</li> <li>- Beaver Creek Indians</li> <li>- Piedmont American Indian Association</li> <li>- Sappony</li> <li>- Sumter Tribe of Cheraw Indians</li> <li>- The Santee Indian Organization</li> <li>- Waccamaw Siouan</li> <li>- Waccamaw Indian People</li> </ul>	<p>OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay Tribal Liaisons will coordinate joint engagement and Project updates with all Native American Tribes/Tribal Nations who have not declined participation in the NATCP process.</p>

Potential Effect/Feedback	Affected Tribe(s)	Anticipated Tribal Engagement for Next Reporting Period
<p>Tribal Liaisons will coordinate to engage with Native American Tribes/Tribal Nations to determine whether any Tribes in the project area practice subsistence fishing.</p>	<p>Federally Recognized Tribes</p> <ul style="list-style-type: none"> <li>- Wassamasaw Tribe of Varnertown Indians</li> <li>- Eastern Band of Cherokee Indians</li> <li>- Catawba Indian Nation</li> <li>- Tuscarora Nation</li> <li>- United Keetoowah Band of Cherokee Indians</li> <li>- Nansemond Indian Nation</li> <li>- Chickahominy Indian Tribe</li> <li>- Monacan Indian Nation</li> <li>- Upper Mattaponi Indian Tribe</li> <li>- Rappahannock Tribe</li> <li>- Pamunkey Indian Tribe</li> <li>- Seminole Tribe of Florida</li> </ul> <p>Non-Federally Recognized Tribes</p> <ul style="list-style-type: none"> <li>- Eastern Cherokee, Southern Iroquois, and United Tribes of South Carolina</li> <li>- Lumbee Tribe of North Carolina</li> <li>- Edisto Natchez-Kusso Tribe of South Carolina</li> <li>- Lower Eastern Cherokee Nation of South Carolina</li> <li>- Beaver Creek Indians</li> <li>- Piedmont American Indian Association</li> <li>- Pee Dee Indian Tribe</li> <li>- Coharie Indian Tribe</li> <li>- Haliwa-Saponi Tribe</li> <li>- Chaloklowa Chickasaw Indian People</li> <li>- Meherrin Indian Tribe</li> <li>- Natchez Tribe of South Carolina</li> <li>- Occaneechi Band of the Saponi Nation</li> <li>- Pee Dee Indian Nation of Beaver Creek</li> <li>- Pee Dee Indian Nation of Upper South Carolina</li> <li>- Sappony</li> <li>- Sumter Tribe of Cheraw Indians</li> <li>- The Santee Indian Organization</li> <li>- Waccamaw Siouan</li> <li>- Waccamaw Indian People</li> </ul>	<p>The OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay Tribal Liaisons will coordinate jointly to determine whether Tribal subsistence fishers use areas within or near the Project Area.</p>



## **3.0 ENGAGEMENT WITH POTENTIALLY AFFECTED PARTIES**

### **3.1 Overall Engagement Progress Since Last Report**

Since the July 2023 Progress Report, TotalEnergies has continued to build and expand its team for the Carolina Long Bay Project, with a new Fisheries Liaison starting in October 2023. During this time, TotalEnergies and Duke Energy have successfully implemented joint outreach and survey activities. The buoy deployment surveys were executed in August 2023 in accordance with all Lease Stipulations and the BOEM approved SAP Buoy Survey Plan. The survey data was processed, analyzed, and incorporated into the joint SAP, which was submitted in November 2023.

TotalEnergies has pursued numerous engagement activities with fishing communities, agencies, and other stakeholders by attending conferences, technical and management meetings, and community events. Through these efforts, TotalEnergies has established, and is advancing relationships with federal and state agencies, members of fishing communities, universities, technical working groups, and members of the public. TotalEnergies continues to build upon and strengthen these relationships by providing Project information and updates and remaining open and flexible to pursuing different avenues for information sharing.

**Table 3-1. Engagement with parties during reporting period**

Focus of discussion or engagement	Party(ies)	Follow-up actions, activities, outcomes	Coordinated engagement with other lessees
<p>Agency Communication Plan</p> <ul style="list-style-type: none"> <li>- Carolina Long Bay Interagency Meetings Third Quarter 2023 (9/2/2023 &amp; 9/9/2023)</li> </ul>	<p>OCS-A-0546-Cinergy Corp., OCS-A-0545-TotalEnergies Carolina Long Bay, BOEM, United States Coast Guard (USCG), United States Army Corps of Engineers (USACE), United States Environmental Protection Agency (US EPA), USFWS, National Park Service, National Marine Fisheries Service (NMFS), NOAA, North Carolina Division of Environmental Quality (NCDEQ), North Carolina Department of Natural and Cultural Resources (NC DNCR), North Carolina Wildlife Resources Commission, South Carolina Department of Archives and History, South Carolina Department of Health and Environmental Control Office of Ocean and Coastal Resource Management (SC OCRM), South Carolina Department of Natural Resources (SC DNR), and Atwell</p>	<p>Duke Energy will coordinate with the selected buoy vendor. Duke Energy and TotalEnergies will jointly coordinate with the USFWS prior to installation to review MOTUS and other sensors; and with the USCG to review the proposed mooring design.</p>	<p>OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay collaborated to hold a series of interagency meetings.</p>
<p>Agency Communications Plan</p> <ul style="list-style-type: none"> <li>- Carolina Long Bay 4<sup>th</sup> Quarter Interagency Meeting</li> </ul>	<p>OCS-A-0546-Cinergy Corp., OCS-A-0545-TotalEnergies Carolina Long Bay, BOEM, USCG, US EPA, DARE Strategies, National Park Service, USFWS, NMFS, NOAA, NC DNCR, NCWRC, NC DEQ, SC OCRM, SC DNR, and Atwell</p>	<p>OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies communicated that they will schedule the first of four quarterly interagency meetings for 2024 in February or March of 2024.</p>	<p>OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies collaborated to hold a series of interagency meetings.</p>

Focus of discussion or engagement	Party(ies)	Follow-up actions, activities, outcomes	Coordinated engagement with other lessees
Agency Communications Plan - Carolina Long Bay-USFWS-MOTUS System / Buoy Sensors	OCS-A-0546-Cinergy Corp., OCS-A-0545-TotalEnergies Carolina Long Bay, USFWS, BOEM, and Atwell	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay will continue to update the USFWS on metocean buoy planning and deployment so the USFWS can ensure that members from regional USFWS field offices are available as needed for consultations.	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies coordinated engagement to consult the USFWS on MOTUS stations and other environmental or biological buoy sensors in preparation for buoy deployment within the Lease Areas.
Agency Communications Plan - Meeting to discuss PAM and other biological sensors	OCS-A-0546-Cinergy Corp., OCS-A-0545-TotalEnergies Carolina Long Bay, Atwell, and NOAA Fisheries	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay will continue to engage with NOAA Fisheries regarding PAM and other biological sensors prior to buoy deployment.	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay coordinated engagement with NOAA Fisheries.
Agency Communications Plan - Progress update meeting on BOEM’s Environmental Studies Program and NCCOS funded work occurring within the OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay Lease Areas	OCS-A-0546-Cinergy Corp., OCS-A-0545-TotalEnergies Carolina Long Bay, Atwell, BOEM and NOAA NCCOS	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay will continue to engage with BOEM’s Environmental Studies Program and NCCOS regarding lease activities.	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay coordinated engagement with BOEM’s Environmental Studies Program and NCCOS.
Agency Communications Plan Economic development and supply chain	SC/NC -CICE	TotalEnergies is partnering with Chambers for Innovation and Clean Energy (CICE) to engage chambers of commerce and economic development organizations in South Carolina and North Carolina to educate these organizations on the opportunities in the Carolinas for small businesses to be part of the offshore wind supply chain.	TotalEnergies leads engagement with CICE in NC and SC.
Agency Communications Plan - Ongoing project updates	BOEM	Monthly BOEM calls held to discuss topics including: <ul style="list-style-type: none"> <li>• Outreach updates</li> <li>• Plans for survey activities</li> <li>• Lease assignment</li> <li>• Site Assessment Plan progress/extension</li> </ul>	TotalEnergies and Duke Energy carry out joint BOEM monthly meetings.

Focus of discussion or engagement	Party(ies)	Follow-up actions, activities, outcomes	Coordinated engagement with other lessees
Agency Communications Plan - Proposed 2023 survey activities	Department of Defense (DoD)	TotalEnergies and Duke Energy provided details of survey specifics to the DoD Siting Clearinghouse prior to carrying out survey activities.	DoD outreach is being carried out jointly with Duke Energy.
Agency Communications Plan - Carolina Long Bay Offshore Benthic Survey Activities Summary Memorandum	OCS-A-0546-Cinergy Corp., OCS-A-0545-TotalEnergies Carolina Long Bay, and USACE Wilmington District and Raleigh Division Office	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay will continue to provide project updates to USACE on a routine basis.	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay prepared the memorandum for USACE to summarize the benthic survey activities to support buoy deployment.
Agency Communications Plan - 2023 survey activities	United States Coast Guard & Local Mariners	TotalEnergies and Duke Energy provided a notice to fishers, mariners, and other marine users through the USCG District 5 and District 7 publications of the Local Notice to Mariners (LNM) 2 weeks prior to starting survey activities in August 2023	TotalEnergies and Duke Energy created a joint notice.
Agency Communications Plan - BOEM discussion on conceptual strategies for bid credits	Carolina Long Bay Lessees and BOEM	TotalEnergies and Duke Energy participated in a call with BOEM representatives to review BOEM feedback on conceptual strategies provided by the lessees prior to lease auction. All parties agreed that these investment strategies and decisions will not be made for several years.	TotalEnergies and Duke Energy participated in this meeting.
Agency Communications Plan - Ongoing project updates - Economic development and supply chain - Outreach strategies - Outreach to underserved Communities	North Carolina Taskforce for Offshore Wind Economic Resource Strategies (NC TOWERS)	TotalEnergies continues to provide representation as a taskforce member and serves on the infrastructure subcommittee and the Outreach/Engagement subcommittee.  TotalEnergies presented at a TOWERS meeting to provide an overview of the 2023 survey activities carried out jointly with Duke Energy.  TotalEnergies provided wind turbine kits to an underserved and underrepresented Fayetteville middle school prior to a TOWERS meeting to support science, technology, engineering and mathematics (STEM) education and offshore wind educational opportunities for NC.	TotalEnergies and Duke Energy participate in the NC TOWERS taskforce.

Focus of discussion or engagement	Party(ies)	Follow-up actions, activities, outcomes	Coordinated engagement with other lessees
<p>Agency Communications Plan</p> <ul style="list-style-type: none"> <li>- Ongoing project updates</li> <li>- Economic development and supply chain opportunities</li> <li>- Educational outreach</li> </ul>	<p>North Carolina Energy Policy Council</p>	<p>TotalEnergies serves on the NC Energy Policy Council and attends the quarterly meetings of the council. The council discusses and provides recommendations to the NC General Assembly regarding all forms of energy generation to meet the state’s energy demand.</p> <p>TotalEnergies coordinated a presentation on OSW for the council featuring updates from Dominion’s Coastal Virginia Offshore Wind project and UNC-EPIC on the potential and performance of OSW in NC.</p>	<p>TotalEnergies carries out this engagement.</p>
<p>Agency Communications Plan</p> <ul style="list-style-type: none"> <li>- Ongoing project updates</li> <li>- Economic development and supply chain</li> </ul>	<p>NC Governor’s Office of Clean Energy</p>	<p>Monthly meeting with Governor Cooper’s Director of Clean Energy - includes updates from the Governor and updates from TotalEnergies on Carolina Long Bay activities.</p>	<p>TotalEnergies carries out this engagement with the Governor’s Office of Clean Energy.</p>
<p>Agency Communications Plan</p> <ul style="list-style-type: none"> <li>- Ongoing project updates</li> <li>- Economic development and supply chain</li> </ul>	<p>Economic Development Partnership of North Carolina (EDPNC)</p>	<p>Continuing to partner with EDPNC to provide updates on the project and discuss opportunities for collaboration to support offshore wind development in the state.</p>	<p>TotalEnergies carries out this engagement with the EDPNC.</p>
<p>Agency Communications Plan</p> <ul style="list-style-type: none"> <li>- Ongoing project updates</li> <li>- Economic development and supply chain</li> </ul>	<p>North Carolina Chamber of Commerce</p>	<p>Participated in the NC Chamber’s Workforce and Educational Conference to support OSW development in the state.</p>	<p>TotalEnergies carries out this engagement with the NC Chamber.</p>
<p>Agency Communications Plan</p> <ul style="list-style-type: none"> <li>- Project survey and other updates</li> </ul>	<p>New Hanover County commissioners and mayors  Brunswick County commissioners and mayors</p>	<p>Targeted outreach continues with these stakeholders including:</p> <ul style="list-style-type: none"> <li>• email updates</li> <li>• in-person meetings.</li> <li>• Specific communications include project survey updates, fact sheets, TotalEnergies project website and the Duke Energy project webpage.</li> </ul>	<p>TotalEnergies carried out this outreach on behalf of the Carolina Long Bay Lessees.</p>

Focus of discussion or engagement	Party(ies)	Follow-up actions, activities, outcomes	Coordinated engagement with other lessees
Agency Communications Plan - Updates regarding anticipated marine monitoring	OCS-A-0546-Cinergy Corp., OCS-A-0545-TotalEnergies Carolina Long Bay, the Center for Marine Acoustics at BOEM, and RWSC	TotalEnergies and Duke Energy will continue to provide project updates as applicable.	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay coordinated to hold a meeting with the Center for Marine Acoustics at BOEM and the RWSC.
Community Engagement - Residential Stakeholders outreach and education - Ongoing project updates	Project area resident stakeholders	In person meetings or emails as needed to provide information and answer questions about the project often dealing with misinformation and opposition talking points.	TotalEnergies is coordinating this outreach and partners with Duke Energy as schedule permits.
Community Engagement - Outreach and education	Project area outreach and stakeholder engagement	Attend area public events and festivals to gauge potential future sponsorships and engagement opportunities. Events include the Big Rock Fishing tournament, U.S. Open King Mackerel tournament, NC Oyster Festival, Coastal Federation Gala and Holden Beach Festival By the Sea.	TotalEnergies and Duke Energy coordinated this outreach.
Community Engagement - Public interest - Project updates	Brunswick Shoreline Protection Consortium	Attend quarterly meetings and be available to engage consortium members to discuss and answer questions about the project  TotalEnergies and Duke Energy provided a project update at the 3 <sup>rd</sup> quarter 2023 meeting.	TotalEnergies coordinates this outreach and Duke Energy participates schedule permitting.
Community Engagement - Local media - Public Interest - Project updates	Project area media: State Port Pilot, Brunswick Beacon, Wilmington Star News, and Port City Daily	Outreach includes: - Connect with and educate State Port Pilot's new offshore wind reporter and other project area media on August survey activities resulting in accurate, positive coverage for the project. - Additional outreach to update local media contacts on upcoming public meetings where the project may be discussed. - Regularly communicate updates such as TotalEnergies new website and Duke Energy's webpage, updated fact sheets and timelines	TotalEnergies carried out this outreach on behalf of the Carolina Long Bay Lessees.

Focus of discussion or engagement	Party(ies)	Follow-up actions, activities, outcomes	Coordinated engagement with other lessees
<p>Community Outreach</p> <ul style="list-style-type: none"> <li>- Outreach to underserved, diverse communities</li> <li>- Ongoing project updates</li> <li>- Economic development and supply chain</li> <li>- Outreach strategies</li> </ul>	<ul style="list-style-type: none"> <li>- Genesis Block: inclusive entrepreneur and small business incubator</li> <li>- TOWERS middle school educational outreach</li> <li>- Community colleges-diverse workforce development</li> </ul>	<ul style="list-style-type: none"> <li>- TotalEnergies and Duke Energy met with Genesis Block co-CEOs to share information about the project and to learn about their engagement and support of diverse and inclusive economic and workforce development.</li> <li>- TotalEnergies assisted TOWERS for educational outreach to a middle school in Fayetteville with underrepresented students providing wind turbine kits to learn more about wind energy.</li> <li>- TotalEnergies met with Cape Fear Community College to discuss outreach and workforce training opportunities for underserved and underrepresented students and adults</li> </ul>	<p>TotalEnergies coordinated this engagement and Duke Energy participated as they were available.</p>
<p>Educational and Research Institutions</p> <ul style="list-style-type: none"> <li>- Collaboration and information flow with the UNCW CMS</li> </ul>	<p>OCS-A-0546-Cinergy Corp., OCS-A-0545-TotalEnergies Carolina Long Bay, and the Executive Director and Associate Director for Research and Innovation at UNCW CMS</p>	<p>TotalEnergies and Duke Energy will continue to collaborate and provide project updates to UNCW CMS as appropriate.</p>	<p>OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay coordinated to open lines of communication and provide project updates to UNCW CMS.</p>
<p>Educational and Research Institutions</p> <ul style="list-style-type: none"> <li>- Collaboration and information flow with Duke University Marine Lab</li> </ul>	<p>OCS-A-0546-Cinergy Corp., OCS-A-0545-TotalEnergies Carolina Long Bay, and Dr. Douglas Nowacek</p>	<p>TotalEnergies and Duke Energy will continue to collaborate and provide project updates to Duke University Marine Lab as appropriate.</p>	<p>OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay coordinated to open lines of communication and provide project updates to Duke University Marine Lab.</p>
<p>Educational and Research Institutions</p> <ul style="list-style-type: none"> <li>- Economic development and supply chain</li> <li>- Outreach strategies</li> </ul>	<p>University of North Carolina – Charlotte (UNC-C) Energy Production &amp; Infrastructure Center (EPIC)</p>	<p>In discussions with UNC-C for potential grant proposal to fund the Center for Offshore Wind Data Science and Digital Technologies study in support of the offshore wind energy industry. This initiative will:</p> <ul style="list-style-type: none"> <li>- Create a vibrant ecosystem in North Carolina focused on preparing undergraduate and graduate students, entrepreneurs, and local workforce and community organizations to significantly and positively impact wind energy projects.</li> <li>- Advance research of data science and digital technologies and innovations in the applied area of offshore wind.</li> <li>- Implement technologies to support the successful deployment, design, and operation of these systems.</li> <li>- The initiative will support a pervasive culture of community engagement and inclusiveness to achieve outcomes intended to ensure local communities benefit from the harvesting of offshore wind energy</li> </ul>	<p>TotalEnergies and Duke Energy are coordinating potential support of this grant submission.</p>

Focus of discussion or engagement	Party(ies)	Follow-up actions, activities, outcomes	Coordinated engagement with other lessees
<p>Educational and Research Institutions</p> <ul style="list-style-type: none"> <li>- Ongoing project updates</li> <li>- Economic development and supply chain</li> <li>- Outreach strategies</li> <li>- Outreach to underserved Communities</li> </ul>	<p>Cape Fear Community College, Brunswick Community College, Carteret Community College, UNC-W, New Hanover Schools</p>	<p>TotalEnergies has participated in tours and meetings to educate these educational partners about the project, provide updates and discuss the workforce and educational opportunities with offshore wind.</p> <p>Additional discussions about opportunities to reach out to underserved and underrepresented communities for workforce development opportunities</p> <p>Attended first-ever UNCW Ocean Innovation Conference. Will consider sponsoring next year’s conference and encourage offshore wind panel discussions.</p>	<p>TotalEnergies coordinates this engagement and Duke Energy participates as available.</p>
<p>Environmental and public interest non-governmental organizations</p> <ul style="list-style-type: none"> <li>- Workforce development</li> <li>- Offshore wind research and education</li> </ul>	<p>Center for Energy Education (C4EE)</p>	<p>TotalEnergies is engaging with C4EE to discuss providing offshore wind educational programming to Carolina Long Bay project area youth and connecting C4EE with key state stakeholders, so they can learn more about NC OSW and offer their support to the industry.</p>	<p>TotalEnergies is coordinating this engagement</p>
<p>Fisheries Communication Plan</p> <ul style="list-style-type: none"> <li>- Engagement with Fishers and Attendees of the Big Rock Fishing Tournament</li> </ul>	<p>OCS-A-0546-Cinergy Corp. FLO, OCS-A-0545-TotalEnergies Carolina Long Bay FLO, and tournament attendees</p>	<p>OCS-A-0546-Cinergy Corp. FLO will continue to engage with commercial and recreational fishers and other marine users in fisheries tournaments as applicable.</p>	<p>The OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay FLOs collaborated to attend the Big Rock Fishing Tournament.</p>
<p>Fisheries Communication Plan</p> <ul style="list-style-type: none"> <li>- Collaboration and information flow with the North Carolina Fisheries Association</li> </ul>	<p>OCS-A-0546-Cinergy Corp. FLO and the Executive Director of the North Carolina Fisheries Association</p>	<p>NC Fisheries Association has requested continued project development updates as applicable.</p>	<p>This engagement was carried out by OCS-A-0546-Cinergy Corp on behalf of the Carolina Long Bay Lessees. FLOs for OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay will continue to coordinate on updates to the North Carolina Fisheries Association where appropriate.</p>



Focus of discussion or engagement	Party(ies)	Follow-up actions, activities, outcomes	Coordinated engagement with other lessees
Fisheries Communication Plan - Collaboration and information flow with the North Carolina For-Hire Captains Association	OCS-A-0546-Cinergy Corp. FLO, OCS-A-0545-TotalEnergies Carolina Long Bay, and the Executive Director and Social Media Manager for the NC For-Hire Captains Association	The NC For-Hire Captains Association has requested continued project development updates as applicable.	The OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay FLOs collaborated to engage the Executive Director and Social Media Manager of the NC For-Hire Captains Association.
Fisheries Communication Plan - Collaboration and information flow with North Carolina Watermen’s United	OCS-A-0546-Cinergy Corp. FLO and the President of North Carolina Watermen’s United	The North Carolina Watermen’s United has requested continued project development updates as applicable.	This engagement was carried out by OCS-A-0546-Cinergy Corp on behalf of the Carolina Long Bay Lessees. FLOs for OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay will coordinate updates to North Carolina Watermen’s United as appropriate.
Fisheries Communication Plan - Regional coordination on fisheries engagement	OCS-A-0546-Cinergy Corp, OCS-A-0545-TotalEnergies Carolina Long Bay, OCS-A-0508-Kitty Hawk, and OCS-A-0483-Dominion Energy	OCS-A-0546-Cinergy Corp. will continue to meet with other regional FLOs to share information and coordinate engagement with other fisheries groups.	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay coordinated on joint engagements with the regional FLOs.
Fisheries Communication Plan - Collaboration and information flow with the SAFMC Snapper Grouper AP	OCS-A-0546-Cinergy Corp OCS-A-0545-TotalEnergies Carolina Long Bay, OCS-A-0508- Avangrid, SAFMC Snapper Group AP	OCS-A-0546-Cinergy Corp. will continue to provide continued project development updates as applicable.	OCS-A-0546-Cinergy Corp, OCS-A-0545-TotalEnergies Carolina Long Bay, and OCS-A-0508-Avangrid coordinated to provide project updates.
Fisheries Communication Plan - Collaboration and information flow with the SAFMC Habitat AP	OCS-A-0546-Cinergy Corp, OCS-A-0545-TotalEnergies Carolina Long Bay, and SAFMC Habitat AP	OCS-A-0546-Cinergy Corp. will continue to provide continued project development updates as applicable.	OCS-A-0546-Cinergy Corp., and OCS-A-0545-TotalEnergies Carolina Long Bay coordinated to provide project updates.

Focus of discussion or engagement	Party(ies)	Follow-up actions, activities, outcomes	Coordinated engagement with other lessees
Fisheries Communication Plan - Collaboration and information flow with the SAFMC Cobia Mackerel AP	OCS-A-0546-Cinergy Corp, OCS-A-0545-TotalEnergies Carolina Long Bay, and SAFMC Cobia Mackerel AP	OCS-A-0546-Cinergy Corp. will continue to provide continued project development updates as applicable.	OCS-A-0546-Cinergy Corp., and OCS-A-0545-TotalEnergies Carolina Long Bay coordinated to provide project updates.
Fisheries Communication Plan - Collaboration and information flow with recreational and commercial fishers during survey activities	OCS-A-0546-Cinergy Corp. FLO and twenty-four individual fisheries stakeholders representing boat-for-hire, commercial fishers and seafood distributors.	OCS-A-0546-Cinergy Corp. will continue to meet with regional commercial and recreational fishers to provide project updates as appropriate.	These engagements were carried out by OCS-A-0546-Cinergy Corp on behalf of the Carolina Long Bay Lessees. TotalEnergies and Duke Energy will continue to coordinate updates to individual fishers in the region as appropriate.
Industry and Trade Associations	<ul style="list-style-type: none"> <li>- American Clean Power</li> <li>- Business Network for Offshore Wind</li> <li>- NC Sustainable Energy Association</li> <li>- Southeastern Wind Coalition</li> </ul>	TotalEnergies is a member of several industry associations at the national and state level to follow state and federal policy actions. <ul style="list-style-type: none"> <li>- Southeastern Wind Coalition – TotalEnergies is on the Board of Directors</li> <li>- American Clean Power – TotalEnergies participates on the Environmental Health and Safety Subcommittee, the Tribal Working Group, the Offshore Wind Council, the Maritime Subcommittee, Offshore Permitting and Environment Subcommittee, the Fisheries subcommittee, and the Offshore Regulatory and Legislative Advocacy Committee and is joining the Workforce Development and Education Committee</li> <li>- Business Network for Offshore Wind</li> <li>- North Carolina Sustainable Energy Association (NCSEA)</li> </ul>	TotalEnergies and Duke Energy are both engaged with many industry groups and coordinate this engagement as necessary.
Industry Coordination	Representatives from the following developers <ul style="list-style-type: none"> <li>- Avangrid</li> <li>- TotalEnergies</li> <li>- Duke Energy</li> <li>- Dominion</li> <li>- Equinor</li> <li>- Orsted</li> <li>- Shell</li> <li>- Atlantic Shores</li> </ul>	Monthly discussions with permitting reps from multiple developers to share updates and lessons learned.	TotalEnergies and Duke Energy participate in these meetings with several other lessees.

Focus of discussion or engagement	Party(ies)	Follow-up actions, activities, outcomes	Coordinated engagement with other lessees
Industry Events	2023 Making Energy Work Conference	<p>TotalEnergies sponsored the NC Sustainable Energy Association’s (NCSEA) Making Energy Work Conference in Raleigh, NC, in November. As part of our sponsorship, we were able to secure a keynote spot for Damian Bednarz, President of Attentive Energy, to speak about the economic and operational benefits that the Northeast is realizing through offshore wind and the value for the Carolinas as well.</p> <p>As part of the pre-conference activities, TotalEnergies also participated in a workforce development panel.</p>	TotalEnergies carried out this engagement with NCSEA.
Industry Events	ACP Offshore WINDPOWER Conference	<p>TotalEnergies attended the ACP conference in October, including meetings with</p> <ul style="list-style-type: none"> <li>- Karen Baker, Chief of BOEM’s Office of Renewable Energy Programs (OREP) – included both TotalEnergies and Duke Energy providing project and survey updates</li> <li>- MRV Group: TotalEnergies had initial meeting with MRV Group- a Diverse Supplier and Development consultant</li> </ul>	TotalEnergies and Duke Energy both attended the conference.
Industry Events	SC Energy Summit	TotalEnergies attended the South Carolina Energy Summit in Columbia, SC, in June, which was hosted by SC Governor Henry McMaster. The summit focused on addressing the state’s growing need for additional generation capacity, while continuing to attract jobs and support affordable and reliable power for customers. TotalEnergies was able to speak with a number of stakeholders at the conference on the benefits of wind energy as a part of diverse energy portfolio.	TotalEnergies carried out this engagement at the SC Energy Summit.
Legislative Leadership	North Carolina and SC Legislative Leadership	<p>Beginning in the summer, TotalEnergies has had touchpoints with legislative staff and members of the North Carolina and South Carolina legislature. The intent of the meetings was to educate about the project and answer questions. As legislators represent their constituents who live and work in the states, TotalEnergies wants to ensure that they have the information they need to address questions and can consider us a resource for additional project information as needed.</p> <p>In October, several team members presented to the Economic Development and Utility Modernization Ad Hoc Committee, which was formed by the Speaker of the House in 2022 to support economic advancement of new industries supported by reliable and cost-effective energy.</p>	TotalEnergies carried out this engagement.

Focus of discussion or engagement	Party(ies)	Follow-up actions, activities, outcomes	Coordinated engagement with other lessees
Regulatory	Parties to the Regulatory processes	<p>Offshore wind is included in a number of proposed generation portfolios in Duke Energy’s Integrated Resource Plans filed this past August in both South Carolina and North Carolina.</p> <p>As such, TotalEnergies has filed as an intervenor (interested party) in both proceedings and has been engaging in conversations that will aid in the development of the regulatory process. For example, in November, TotalEnergies met with the North Carolina Public Staff, which represents the considerations for the customer (ratepayers) and addressed questions they had about the offshore wind project. TotalEnergies will plan to continue to engage with parties as needed, including responding to any data requests.</p>	TotalEnergies carried out this engagement.
Environmental and public interest non-governmental organizations - Project updates - Mitigation discussions	<ul style="list-style-type: none"> <li>- Natural Resources Defense Council</li> <li>- Southern Environmental Law Center</li> </ul>	<p>TotalEnergies and Duke Energy continued discussions on proposed survey activities and mitigation measures to minimize impacts to marine life.</p> <p>As a result of these discussions, TotalEnergies and Duke Energy voluntarily committed to a 10-knot speed restriction for the entirety of the 2023 survey activities to further protect marine mammals.</p>	TotalEnergies and Duke Energy are coordinating on engagement with NGOs.
Provide project updates regarding anticipated marine monitoring	OCS-A-0546-Cinergy Corp., OCS-A-0545-TotalEnergies Carolina Long Bay, the Center for Marine Acoustics at BOEM, and RWSC	OCS-A 0545 TotalEnergies and OCS-A-0546-Cinergy Corp. will continue to provide project updates as applicable.	Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay coordinated to hold a meeting with the Center for Marine Acoustics at BOEM and the RWSC.

### 3.2 Identification of Potential Project Effects Related to Parties

Table 3-2. Potential effects and input from parties on project design or implementation

Potential Effect/Feedback	Affected Party(ies)	Efforts to Address Potential Effect and/or How the Project Design or Implementation Has Been Informed
Effects on marine mammals during 2023 survey activities	SELC and NRDC	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay voluntarily instituted a 10-knot speed restriction for the survey activities that were carried out August 16-21, 2023, to minimize and avoid potential impacts on marine mammals, specifically the North Atlantic Right Whale.
Effects on various resources, including the following wildlife impacts: <ul style="list-style-type: none"> <li>- Birds</li> <li>- Turtles</li> <li>- Whales</li> <li>- Bats</li> </ul>	Feedback from various fisheries and mariner stakeholders	<p>OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay will adhere to BOEM’s requirement to prepare an analysis of potential impacts to bird and bat species as a part of their COP and require the use of the MOTUS Wildlife Tracking System to help inform these analyses. This will allow OCS-A-0546-Cinergy Corp. to propose measures to avoid, reduce, and mitigate impacts to birds and bats.</p> <p>OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay will adhere to BOEM’s requirement to prepare an analysis of potential impacts to be completed for the Project’s COP, in consultation with the NMFS and the USFWS, to reduce, avoid, or eliminate impacts to sea turtles.</p> <p>OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay will adhere to BOEM’s November 2021 Project Design Criteria (PDC) and Best Management Practices (BMPS) and NMFS’s September 2021 PDC and BMPs during survey activities and will consider other measures to minimize and avoid effects on marine mammals.</p>
Biological monitoring during site assessment activities	NFMS Southeast Regional Office (SERO), USFWS, and NOAA	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay plan to install PAMs on all three buoys as requested by NMFS SERO and will engage USFWS to provide input on the biological monitoring equipment.
Metocean buoy deployment	USCG and USACE	OCS-A-0546-Cinergy Corp. and OCS-A-0545-TotalEnergies Carolina Long Bay plan to request a review of the mooring system by the USCG and plan to submit a joint request for approvals by the USACE and USCG.

### 3.3 Feedback from Parties on Transmission Planning

At this early stage of the project, many discussions are introductory in nature and are designed as a starting point to establish relationships with a wide array of stakeholders. As these relationships progress, TotalEnergies will have ongoing opportunities to seek advanced input on specific project elements and will take that feedback into consideration for project planning and design. Discussions on transmission planning have been preliminary in nature and have encompassed the following elements:

- An export cable from OCS-A 0545 – TotalEnergies Carolina Long Bay, LLC, can make landfall in North Carolina or South Carolina
- Landfall location is dependent upon many factors, including distance from project, onshore grid capabilities, and power purchase agreement/interconnection agreement
- Distance to landfall site is a determining factor for the type of cable
  - o High voltage alternating current (HVAC) are used for shorter distances
  - o High voltage direct current (HVDC) are used for longer distances over ~30 miles
- Landfall will utilize horizontal directional drilling (HDD) to bring a cable from several thousand feet offshore directly to a designated location further onshore – thus avoiding impacts to any beach or shoreline.

These preliminary discussions have not resulted in specific feedback.

### 3.4 Anticipated or Scheduled Engagement Activities

TotalEnergies and Duke Energy will continue engagement with interested parties as the Projects progress. The table below provides an overview of activities planned within the next six months.

**Table 3-3. Anticipated engagement with parties for the next reporting period**

Anticipated Focus of Discussion or Engagement	Party(ies)	Anticipated Coordinated Engagement with Other Lessees
Agency Communication Plan & Fisheries Communications Plan - Project updates	Federal, state and local agencies Local elected officials Commercial and recreational fishermen Ocean users NGOs	TotalEnergies and Duke Energy will continue to provide project updates on applicable survey activities, timelines and outcomes.
Agency Communication Plan - Survey Activities	USCG and DoD	TotalEnergies and Duke Energy will coordinate and collaborate with the DoD virtually on conflict avoidance with military operations and electromagnetic emissions as appropriate.
Agency Communication Plan & Fisheries Communications Plan - Survey Activities - Notice to Mariners	USCG, Mariners, Ocean Users	TotalEnergies and will draft and issue a Local Notice to Mariners ahead of any offshore activities planned in 2024.
Agency Communication Plan - Survey Permitting	Relevant federal agencies (BOEM, USCG, USACE, etc)	TotalEnergies and Duke Energy will continue coordination on permit requirements for the eventual deployment of buoys.
Agency Engagement Plan - Survey Design	Relevant state and federal agencies	TotalEnergies and Duke Energy will coordinate and collaborate virtually to design and conduct future biological site characterization surveys.
Project Introductions	Various	TotalEnergies and Duke Energy will continue outreach to key stakeholder groups to introduce the projects, project teams, and any planned offshore activities.

Anticipated Focus of Discussion or Engagement	Party(ies)	Anticipated Coordinated Engagement with Other Lessees
Fisheries Communications Plan	Fisheries stakeholders	TotalEnergies and Duke Energy will continue to coordinate on outreach to fisheries stakeholders – identifying stakeholder groups and meeting with representatives.
Project Introductions & Listening Sessions	Environmental Justice/Underserved Communities	TotalEnergies and Duke Energy will coordinate on the identification of Environmental Justice Communities and Underserved Communities in the project area, with a focus on economic opportunities and project benefits

## 4.0 SURVEY PLAN ACTIVITIES

TotalEnergies and Duke Energy executed joint survey activities in 2023 to support the deployment of meteorological buoys within OCS-A 0545 – TotalEnergies Carolina Long Bay, LLC, and OCS-A 0546 – Cinergy Corp. A joint TotalEnergies and Duke Energy SAP Buoy Survey Plan was created with input from state/federal agencies and submitted to BOEM in April 2023. The SAP Buoy Survey Plan includes high resolution geophysical (HRG) and benthic data collection for deployment of three buoys –

- Floating Light Detection and Ranging (LiDAR) buoy centrally located in OCS-A 0545 – TotalEnergies Carolina Long Bay, LLC, and
- Floating LiDAR buoy centrally located in OCS-A 0546 – Cinergy Corp, and
- Environmental monitoring buoy centrally located along the shared lease border.

The SAP Buoy Survey Plan was approved by BOEM in June 2023 and survey activities were carried out in August 2023 in accordance with this plan. No modifications were made to the SAP Buoy Survey Plan.

Geodynamics conducted the 2023 SAP Buoy Survey on the RV Shackleford from 15th August – 24th August 2023. The geophysical survey utilized four geophysical sensors, Multibeam Echosounder (MBES), Side Scan Sonar (SSS), Transverse Gradiometer (TVG), and Interferometric Sub-Bottom Profiler (SBP). The equipment used did not emit frequencies that would be considered as potentially harassing to marine mammals by the NMFS. Therefore, vessel strike avoidance (VSA) procedures were the appropriate mitigation support measures for this survey in accordance with the Project Design Criteria (PDC) and Best Management Practices (BMPs) for Protected Species Associated with Offshore Wind Data Collection (Latest revision: 11/22/2021) (PDCs and BMPs) set forth by BOEM.

**Table 4-1. Survey Plan activities carried out during reporting period**

Type of Survey	Date	Purpose	Location Description
<b>HRG</b>	August 18-21, 2023	<ul style="list-style-type: none"> <li>- Archaeological clearance</li> <li>- General characterization of the geological conditions within the surveyed plots</li> </ul>	300-meter squares centered on the proposed buoy deployment sites <ul style="list-style-type: none"> <li>- Location A (Aliquot 6538L)</li> <li>- Location B (Aliquot 6555K)</li> <li>- Location C (Aliquot 6553C)</li> </ul>
<b>Benthic</b>	August 18-21, 2023	Locations and extents of benthic resources within the surveyed plots	300-meter squares centered on the proposed buoy deployment sites <ul style="list-style-type: none"> <li>- Location A (Aliquot 6538L)</li> <li>- Location B (Aliquot 6555K)</li> <li>- Location C (Aliquot 6553C)</li> </ul>

TotalEnergies does not anticipate submitting a Survey Plan to BOEM in the next reporting period.



## **Appendix A**

### **TRIBES AND OTHER PARTIES RELEVANT TO THE PROJECT**

**Table A-1. Federally recognized Tribes relevant to the project**

<b>Federally Recognized Tribes/Tribal Nations</b>
Catawba Indian Nation
Chickahominy Indian Tribe
Eastern Band of Cherokee Indians
Monacan Indian Nation
Nansemond Indian Nation
Pamunkey Indian Tribe
Rappahannock Tribe
Seminole Tribe of Florida
Tuscarora Nation of New York
United Keetoowah Band of Cherokee Indians in Oklahoma
Upper Mattaponi Indian Tribe

The following table includes many of the parties contacted or engaged during the reporting period – it will be updated for each Progress Report and is not intended to be an exhaustive list.

**Table A-2. Parties relevant to the project**

<b>Name of party</b>	<b>Party types</b>
Bureau of Ocean Energy Management (BOEM)	Federal Agency (FA)
Department of Defense (DoD)	FA
Environmental Protection Agency (EPA)	FA
Federal Aviation Administration (FAA)	FA
National Ocean and Atmospheric Administration (NOAA)	FA
National Park Service (NPS)	FA
United States Army Corps of Engineers (USACE)	FA
United States Coast Guard (USCG)	FA
United States Fish & Wildlife Service (USFWS)	FA
NC Department of Commerce (NCDOC)	State Agency (SA)
NC Department of Environmental Quality (NCDEQ)	SA
North Carolina Department of Labor (NCDOL)	SA
NC Division of Marine Fisheries (NCDMF)	SA
NC Governor’s Office of Clean Energy	SA
North Carolina Department of Administration (NCDOA)	SA
North Carolina Department of Health and Human Services (NCDHHS)	SA
South Carolina Department of Commerce (SC-DOC)	SA

Name of party	Party types
South Carolina Department of Natural Resources (SC-DNR)	SA
SC Ocean & Coastal Resource Management (SC-OCRM)	SA
Economic Development Partnership of North Carolina (EDPNC)	SA, Other
North Carolina Taskforce for Offshore Wind Economic Resource Strategies (NC TOWERS)	Tribal, State, Federal, or Other Working Group or Forum (WG)
Coharie Indian Tribe	Non-federally recognized Tribe (NFRTribe)
Haliwa-Saponi Tribe	NFRTribe
Lumbee Tribe of North Carolina	NFRTribe
Meherrin Indian Tribe	NFRTribe
Occaneechi Band of the Saponi Nation	NFRTribe
Sappony	NFRTribe
Waccamaw Siouan	NFRTribe
Edisto Natchez-Kusso Tribe of South Carolina	NFRTribe
Pee Dee Indian Nation of Upper South Carolina	NFRTribe
Pee Dee Indian Tribe	NFRTribe
Pee Dee Indian Nation of Beaver Creek	NFRTribe
Piedmont American Indian Association	NFRTribe
Lower Eastern Cherokee Nation of South Carolina	NFRTribe
Beaver Creek Indians	NFRTribe
Piedmont American Indian Association	NFRTribe
The Santee Indian Organization	NFRTribe
Sumter Tribe of Cheraw Indians	NFRTribe
Waccamaw Indian People	NFRTribe
Wassamasaw Tribe of Varnertown Indians	NFRTribe
Chaloklowa Chickasaw Indian People	NFRTribe
Eastern Cherokee, Southern Iroquois, and United Tribes of South Carolina	NFRTribe
Natchez Tribe of South Carolina	NFRTribe
Brunswick County, NC & towns within	Coastal Community (CC)
Horry County, SC & towns within	CC
New Hanover County, NC & towns within	CC
Brunswick County Community College	Educational and Research Institutions (ERI)
Center for Energy Education (C4EE)	ERI
Duke University Project Wildlife and Offshore Wind	ERI
NC Clean Energy Technology Center	ERI
NC Sea Grant	ERI
University of North Carolina – Charlotte (UNC-C) Energy Production & Infrastructure Center (EPIC)	ERI
Clean Air Task Force	Environmental and Public Interest Non-Governmental Organizations (NGO)
Coastal States Stewardship Foundation (CSSF)	NGO
Mid-Atlantic Regional Council on the Ocean (MARCO)	NGO
National Resources Defense Council	NGO
NC Coastal Federation	NGO
Northeast Regional Ocean Council (NROC)	NGO
Regional Wildlife Science Collaborative for Offshore Wind	NGO
Southern Environmental Law Center	NGO
Sustain SC	NGO
Chambers for Innovation and Clean Energy	NGO
NC Fisheries Association	Commercial Fishery Industry (CFish)
Southport seafood retailers	CFish

Name of party	Party types
NC For-Hire Captains Association	Recreational Fishery Industry (RFish)
South Atlantic Fisheries Management Council (SAFMC)	CFish, RFish, FA, SA
American Clean Power	Industry Group (IG)
Business Network for Offshore Wind	IG
E4 Carolinas	IG
Mid-Atlantic Renewable Energy Coalition (MAREC)	IG
NC Sustainable Energy Association	IG
Southeastern Wind Coalition	IG
Carolina Small Business Development Fund (CSBDF)	Underserved Community, as defined in Section 2 of Executive Order 13985 (UC)

## ***Appendix B***

### ***LESSEE AND LIAISON CONTACT INFORMATION***

**Table B-1. TotalEnergies contact information**

<b>Contact Type</b>	<b>Name and Title</b>	<b>Contact Information</b>
<b>Agency Liaison</b>	Jen Banks Permitting and Development Director	info.clbay@totalenergies.com
<b>Tribal Liaison</b>	Lauren Cleeland Tribal Liaison	lauren.cleland@searchinc.com
<b>Fisheries Liaison</b>	Albie Solana Fisheries Liaison	fisheries.clbay@totalenergies.com
<b>Community Liaison</b>	Susan Munroe Community Engagement Manager	info.clbay@totalenergies.com

## ***Appendix C***

### ***COMMUNICATIONS PLANS***

TotalEnergies has created the following plans in compliance with Lease Stipulation 3 - Reporting:

- Native American Tribes Communications Plan
- Fisheries Communications Plan
- Agency Communication Plan

These plans are posted on the TotalEnergies website <https://carolinalongbay.com/>.