

Opportunity and Background:

The Carolinas are uniquely positioned to take advantage of the domestic and clean energy resource of offshore wind, which will attract new industries, create jobs, and build on the reliable and diversified energy mix the region has enjoyed for decades.

In May 2022, the Bureau of Ocean Energy Management conducted an offshore wind auction for two lease areas off the coast of Brunswick County, North Carolina. TotalEnergies, a global energy company, and Cinergy Corp¹, a direct non-regulated subsidiary of Duke Energy, are the holders of the two lease areas.

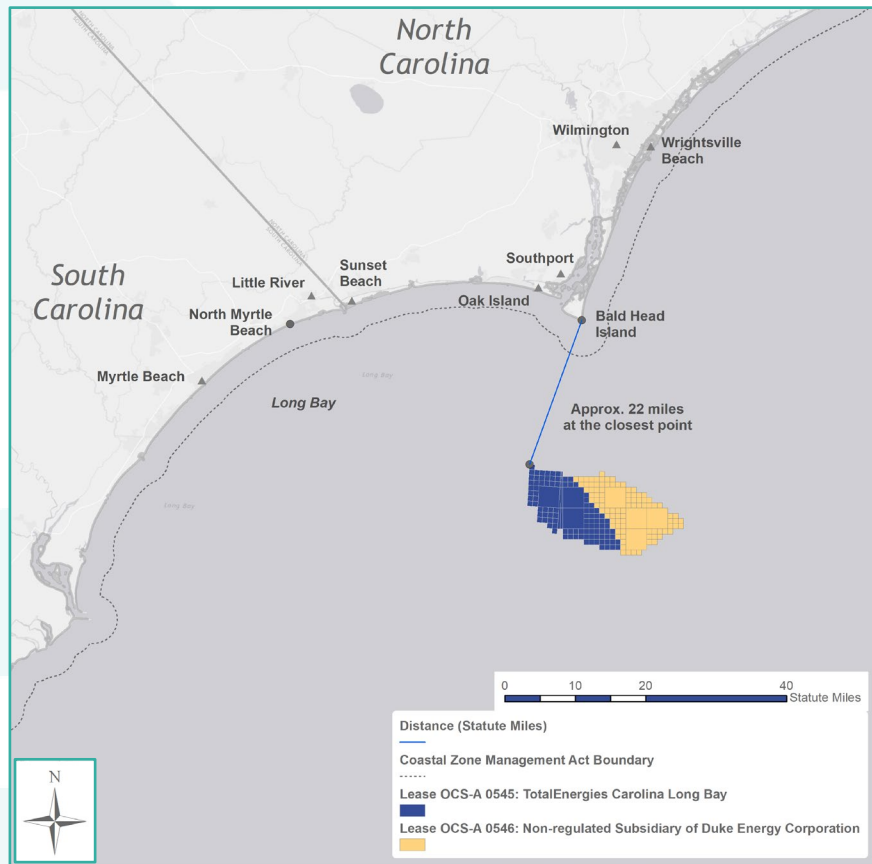
TotalEnergies brings first-hand offshore wind experience to the region, with a growing offshore wind portfolio that currently includes more than 15,000 megawatts (MW) (15 gigawatts (GW)) of projects under development globally, including a 3,000 MW (3 GW) project in the northeastern United States. As the Carolinas face unprecedented energy demand, offshore wind will play a vital role in meeting the region's escalating energy needs with reliant, and cost-effective energy around the clock.

Carolina Long Bay Lease Areas:

- 120 square nautical miles
- Approximately 22 statute miles from the closest point to shore
- Combined production of up to 2,400 MW (2.4 GW)
- Projected to provide \$4.6 billion in net economic impacts²
- Contributes to energy diversity and security

Offshore Wind Fast Facts:

- Provides “substantial output during cold winter mornings” and is complementary to other generation resources³
- In 2023, the domestic wind industry invested \$2.7 billion in ports, vessels, supply chain and transmission⁴
- The U.S. is home to approximately 500 wind industry manufacturing facilities, with over 70 of these companies already supporting the wind industry in the Carolinas.
- In the U.S., there are multiple offshore wind projects online with more than 52,000 MW (5.2 GW) of offshore wind capacity being developed.



Map of the Carolina Long Bay Lease Areas



Visit www.carolinalongbay.com for more project information, updates, and to join our mailing list.

¹ Cinergy Corp is not regulated by the North Carolina Utilities Commission

² Southeastern Wind Coalition and E2 North Carolina Offshore Wind Cost-Benefit Analysis https://e2.org/wp-content/uploads/2022/01/NC_Offshore_Wind_Cost-Benefit_Analysis_FINAL.pdf

³ Astrapé Consulting ELCC study <https://www.duke-energy.com/-/media/pdfs/our-company/carolinas-resource-plan/attachment-03-2023-wind-elcc-study.pdf?rev=808406b2c6de4d06b45cb458e5ec9961>

⁴ DOE Offshore Wind Market Report 2023 Edition <https://www.energy.gov/eere/wind/articles/offshore-wind-market-report-2023-edition>

⁵ Southeastern Wind Coalition <https://sewind.org/wp-content/uploads/2023/08/Offshore-Wind-in-North-Carolina-Fact-Sheet-1.pdf>