

# Community Offshore Wind

*Local Clean Energy for All*

Mid-Atlantic Fishery Management Council

February 7, 2024



# Meet



**February 2022:** Community Offshore Wind acquired Lease Area OCS-A 0539, the largest lease area in the New York Bight.



**October 2023:** Awarded a provisional offtake contract to develop 1.3 GW of new offshore wind capacity – enough to power more than 500,000 New York homes.



**Our joint venture brings together two global leaders in renewable energy and transmission:**

## RWE

- #2 offshore wind company globally
- 19 offshore wind projects successfully completed globally
- 6 GW of offshore wind projects in development in the US
- 8 GW of onshore wind, solar, and storage in the US
- Net zero goal by 2040
- Commitment to Biodiversity Net Positive new projects by 2030

## nationalgrid ventures

- Serving 20 million people throughout NY and MA
- More than 5,000 employees in New York
- Growing portfolio of onshore wind, solar, battery storage and transmission modernization projects in the US
- National Grid and its legacy companies have operated in NY for over 125 years

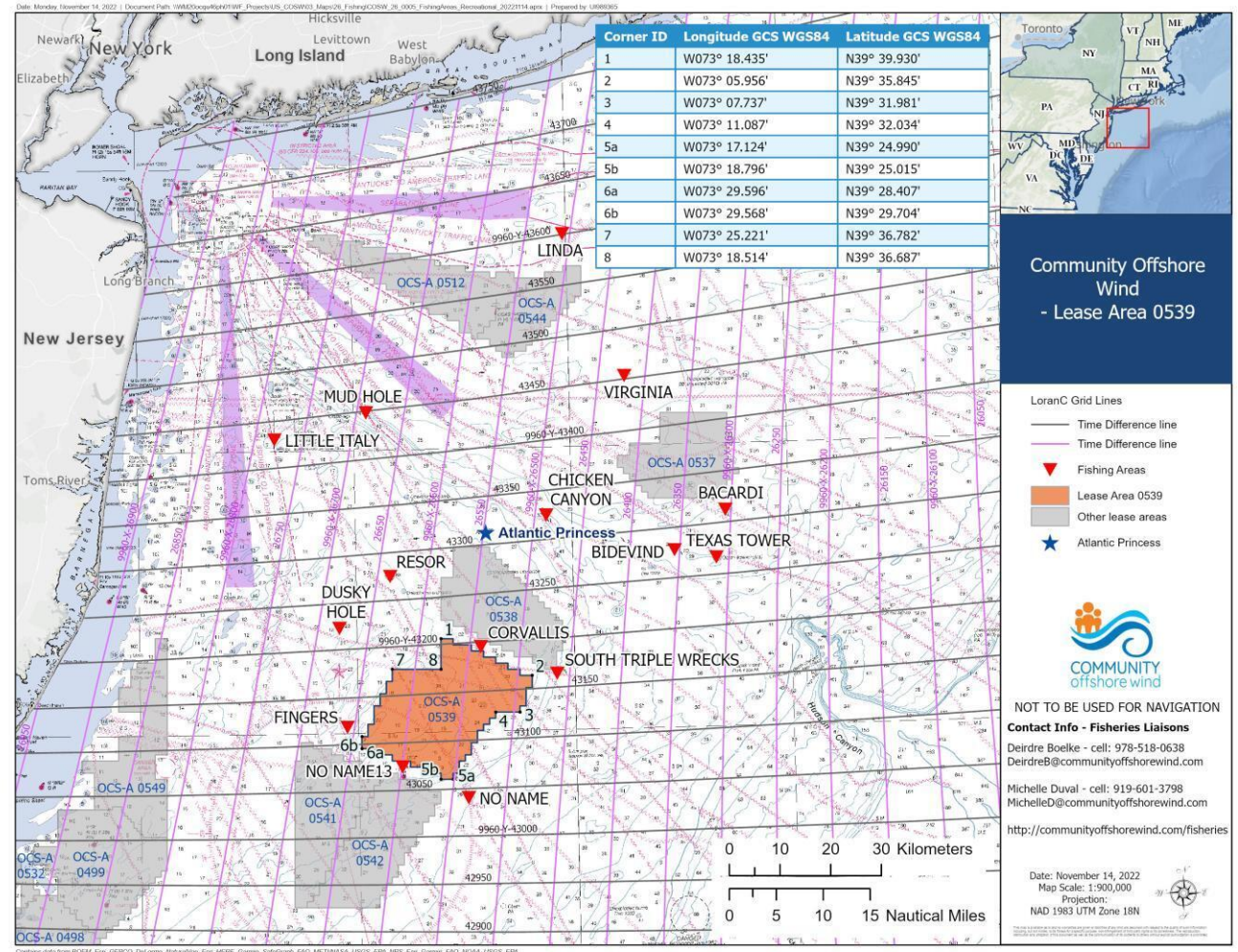
# Lease Area OCS-A 0539



- Up to three electrically isolated projects are anticipated to be constructed within the lease area, with interconnection into New York and potentially New Jersey.
- The projects may be permitted through one or more COPs.

## KEY FACTS

Lease Size	125,964 acres/197 sq. mi.
Estimated Capacity	3 GW
Estimated Homes Served	1.1 million
Distance to New York	56 nm/64 mi/104 km
Distance to New Jersey	32 nm/37 mi/59 km



# Our Fisheries Team

We are working with two Fisheries Technical Advisors/  
Fisheries Representatives (FRs)  
**Brady Lybarger – Cape May, NJ**  
**Chris Rainone – Barnegat Light, NJ**

**Sean Lucey, Fisheries Liaison**



**18 years** staff with NOAA Fisheries Northeast Fisheries Science Center

**15 years** Research Fisheries Biologist developing ecosystem approaches to management

**10 years** leading the Northeast Integrated Ecosystem Assessment Program

Lead editor of the New England SOE, NEFMC EBFM PDT member, Climate Change Scenario Planning Initiative

Ph.D. in marine science & technology, M.S. in wildlife & fisheries conservation, B.S. biology

**Deirdre Boelke, Fisheries Liaison**



**20 years** staff with New England Fishery Management Council (NEFMC)

**10 years** as Sea Scallop fishery plan coordinator and 5 years as Atlantic herring plan coordinator

Lead staff for SSC, RSA Program Review, Scallop RSA Program and core member of East Coast Climate Change Scenario Planning Initiative

Masters in marine affairs; Bachelor of Science (B.S.) in biology

**Michelle Duval, Fisheries Liaison**



**10 years** in state government, representing NC Division of Marine Fisheries on ASMFC and South Atlantic Fishery Management Council (SAFMC)

**2 years** as Chair of the SAFMC (8 fishery plans, 64 species & EFH designations, Fishery Ecosystem Plan)

**3 years** on the Mid-Atlantic Fishery Management Council (MAFMC); NEFMC Habitat, Ecosystem-Based Fishery Management, and Scallop Committees

Ph.D. in marine ecology, B.S. biology

**Rick Robins, Marine Affairs Manager**



**30 years** seafood processing, international marketing, and commercial fisheries development

**8 years** as Chair of the MAFMC (7 fishery plans, 65 species & EFH designations)

**8 years** as member of Virginia Marine Resources Commission

**3 years** as Fisheries Liaison

Extensive cooperative fisheries research experience (ICES, RSA)

MBA, B.A. in economics and history

# Community Offshore Wind | NYSERDA Award



## Delivering for New York



1.3 GW of Renewable Energy



\$3.3 Billion in Economic Benefits



Powering 500,000+ New York Homes



800+ New, Good-Paying Jobs



Connecting to the Con Edison Clean Energy Hub in Brooklyn



\$500M+ Spending Commitment for Disadvantaged Communities



\$10M Investment in Childcare for Offshore Wind Workers and Trainees



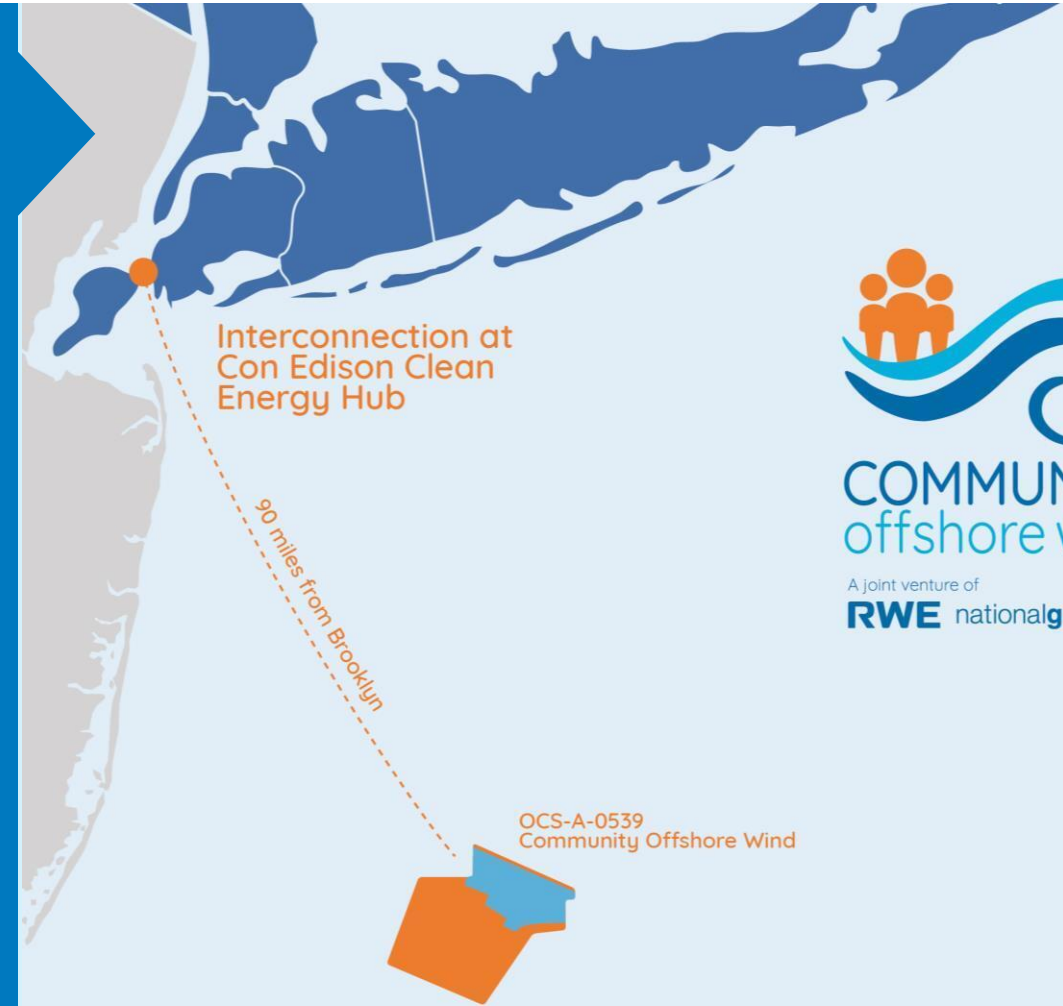
5% Emissions Reduction for New York State Power Sector



Distance to New York: 64 miles



\$41M for Workforce Development



COMMUNITY offshore wind

A joint venture of RWE nationalgrid



# Community Offshore Wind | Project Timeline

## Planning Phase (2022-2026)

Assessing environmental factors, site design, engineering, permitting and procurement contracts.

## Operation (2030-2063)

Offshore wind turbines will operate for over 20+ years. This phase involves regular maintenance to ensure they function at their best.

## Construction (2027-2030)

Building the offshore wind farm including installing and commissioning the wind turbines, while supporting transmission infrastructure and connecting to the grid.

## End of Lease Term (2063-2064)

In year 33 of the project, we will explore extending the lease or decommissioning the wind farm, reusing and recycling materials where possible.



# Engagement Update

- **Community:**
  - Childcare support
  - Swim lessons
  - Oyster restoration and beach clean-up
  - STEM education support
- **Fishery-specific:**
  - Sponsored recreational fishing trips for underserved youth
  - Donated thousands of locally-caught seafood meals to food banks
- **Regional science:**
  - ROSA Advisory Council
  - Science Center for Marine Fisheries (SCeMFis)
  - Cooperative Research and Development Agreement (CRADA) with NOAA Fisheries to support development of our monitoring plan and strategies for federal survey mitigation





# Site Investigation Planning – Avoiding and Minimizing Impacts

- **Risk assessment:** Risk-based approach starts with identifying and avoiding high seasonal areas of fixed fishing gear to avoid entanglements
- **Integrate fishermen knowledge:** Enhanced export cable routing with local fisheries knowledge to minimize fishery disruptions, gear interactions, and survey delays. Modified potential export cable survey routes using detailed fishery information regarding benthic hazards and high-use fisheries areas
- **Communications and outreach:** Daily survey vessel calls, Fisheries Notices, one-on-one outreach to fishermen from our fisheries team to facilitate coordination with fisheries and with fisheries resource surveys
- **Scout vessel:** Local commercial fisherman to scout the survey area as needed
- **Onboard Fisheries Liaisons (OFLs):** Manage on-the-water communications and coordination with fleet

		Seasonality/Intensity of Fisheries Operating in Potential Export Cable Corridors											
		January	February	March	April	May	June	July	August	September	October	November	December
Fishery	Closures												
Lobster (pot/trap)	Apr 30 - May 31												
Monkfish (gillnet)	Apr 1 - 20 (all waters); Feb 15 - Mar 15 (Manasquan north)												
Spiny Dogfish (gillnet)	Dec 16 - Feb 11 (state waters)												
Skates (gillnet)	Dec 16 - Feb 11 (state waters)												
Skates (gillnet, nearshore > 3miles)	n/a												
Black Sea Bass (pot)	n/a												
Surf Clam (dredge)	n/a												





# Onboard Fisheries Liaisons

## Coordination and Maritime Safety



“A dragger was transiting northwest inbound to Point Pleasant N.J. showing us a .2 NM CPA as we were making our turn on the eastern end. I hailed the F/V on VHF 16 the master answered and we switched up to VHF 17. I asked the master if he could either give us a few spokes to the east or west to give us a better CPA and that we were engaging in a starboard turn back to the west. The master said no problem and said he would give us a few spokes to the west and pass in front of us and we passed at .65 NM. The master said they picked up their Jersey fluke and C-bass quota and were heading in for the blow. I thanked him for giving us a few spokes and wished him a safe trip in and good prices.”

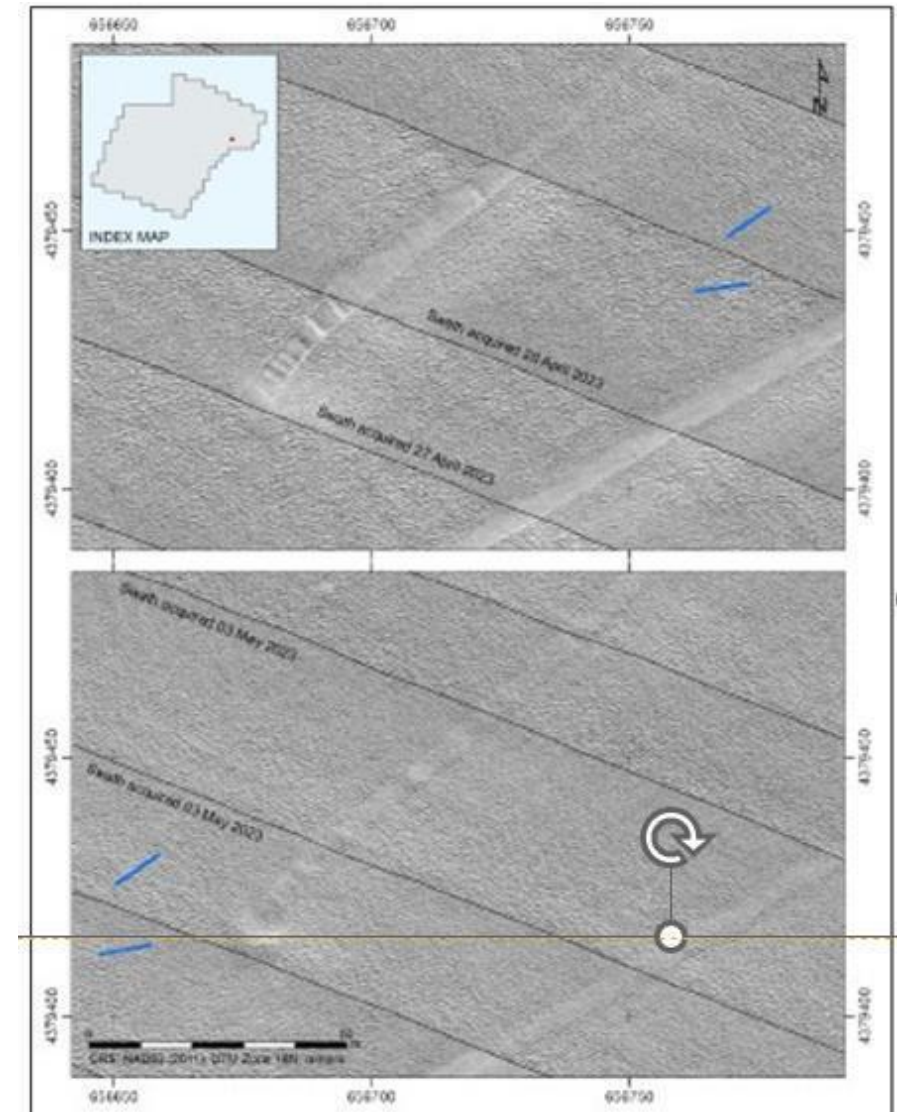
“Once we finished up in the ECR and were transiting back to the lease, we had a less than .3 NM CPA with a clam boat. Since we were transiting to the next line, I hailed the captain on VHF 16 and then switched up to 17 to offer to take his stern or move more to the west to give him more room. He informed me he would be turning soon, and we could hold our course.”

“At 6:55 we had a sailboat 1 NM off our starboard bow that was transiting north at 2 knots while we were transiting west at 5.2 knots. We had a projected CPA of less than 100 meters. I hailed the S/V on channel 16 and switched up to 18 and spoke with the captain. I informed her we would be on our course for another 1.5 miles and requested she alter to starboard for safe passage. She informed me that she was unable to steer the vessel while her husband was sleeping. She also volunteered to wake him up to get the engines going. I informed her that would not be necessary, and we would turn around and give way to her vessel. She was appreciative of that, and we were able to turn around and allow her to continue on her course.”



# Site Investigation Update

- **Geophysical:** Initial offshore geophysical survey campaign completed August 2023. Nearshore geophysical expected completion April 2024. Seismic survey expected completion May 2024.
- **Benthic:** Offshore benthic survey completed November 2023. Nearshore benthic mid-February through March 2024.
- **Geotechnical:** Offshore geotechnical survey expected completion March 2024. Nearshore geotechnical through February 2024.





# Potential UXO

## Reported location

Latitude: 39° 28.15868' N

Longitude: 73° 23.68847' W

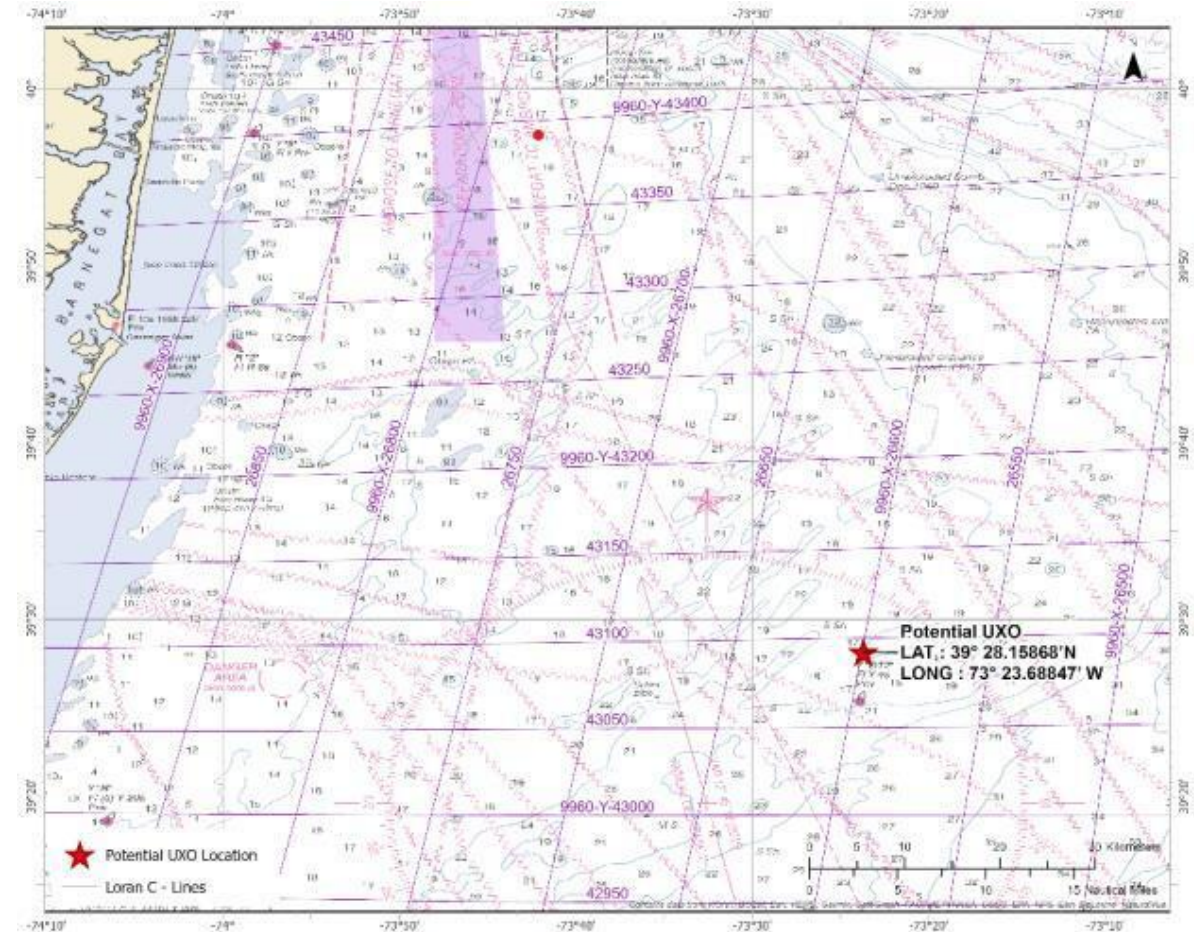
Datum: NAD83(2011)

Water depth: ~121 feet

For Additional Information

[communityoffshorewind.com/fisheries](https://communityoffshorewind.com/fisheries)

COSW Fisheries Notice 2023-03





# Engagement outlook

## Construction and Operations Plan (COP) Development

### *Engagements*

- NSRA
- Layout

### **Survey Activities**

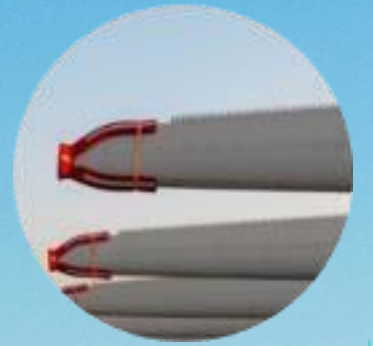
- Scallop opening April 1  
in NYB Access Area

### **Science and Monitoring**

- CRADA, Regional, NYB WG



# “For new assets we aim to achieve a net-positive impact on biodiversity by 2030”



**RWE Offshore Wind**

DRIVING INNOVATION

**COMMITMENT**  
Net-positive biodiversity impacts by 2030

**COMPETITION**  
Global innovation competition  
Biodiversity & Co-use

**COLLABORATION**  
With academic partners,  
stakeholders and government

**CREATE TARGETS**  
Develop science-based targets,  
measure, monitor



# Questions?

