

TotalEnergies

NC TOWERS Meeting

Jen Banks

Permitting and Development Director - NC

August 4, 2022

Becoming one of the top 5 renewable players

Constantly accelerating our pace of growth

As of end 2021

 Renewable gross capacity

> **10** GW installed

> **6,5** GW under construction

 > **870** projects in operation

> **250** projects in construction

6,8 TWh (net) generated in 2021



25 % of TotalEnergies' CAPEX dedicated to renewables & electricity

> **\$3** bn/yr

net investment in renewables and electricity

+ **\$60** bn

over the next decade to be invested in renewable projects



*TotalEnergies, Eren, Saft, SunPower.

**TotalEnergies, Eren.

Our offshore wind projects around the world

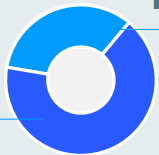
Well-positioned in leading regions for offshore wind



>12 GW

of projects in development and construction

2/3
Bottom-fixed



1/3
Floating

USA



New York Bight project
3,000 MW
In development

Carolina Long bay
1,100 MW
In development

EUROPE



Seagreen 1 + 1A
1,140 + 360 MW
In construction / Pre-FID



Erebus + Valorous
96 + 300 MW
In development



Outer Dowsing
1,500 MW
In development



West of Orkney Windfarm
2,000 MW
In development



Eolmed
30 MW
In construction



ASIA



BadaEnergy
> 2,000 MW
In development



Yunlin
640 MW
In construction

TotalEnergies USA

Building energy projects across the lower 48 since 1957



ONE
COUNTRY
23 STATES
40 SITES



MORE THAN
7,000
PEOPLE EMPLOYED



MORE THAN
\$7.5B
INVESTED BETWEEN
2015-2019

amyris

Clean Energy

CRAY VALLEY

HUTCHINSON

NOVOGY

SAFT

SUNPOWER

TELLURIAN

TOTAL
CARBON NEUTRALITY VENTURES

TOTAL



TotalEnergies Renewables USA

developing renewables in the US since 2011 – in fast ramp-up since 2021



Headquarters in Houston, TX
250+ employees across 8 states
\$23B CAPEX, 12 GW capacity

8 GW Solar, including:

- Danish 700 MW + 150 MW storage
- Myrtle 380 MW + 150 MW storage
- Cottonwood 420 MW

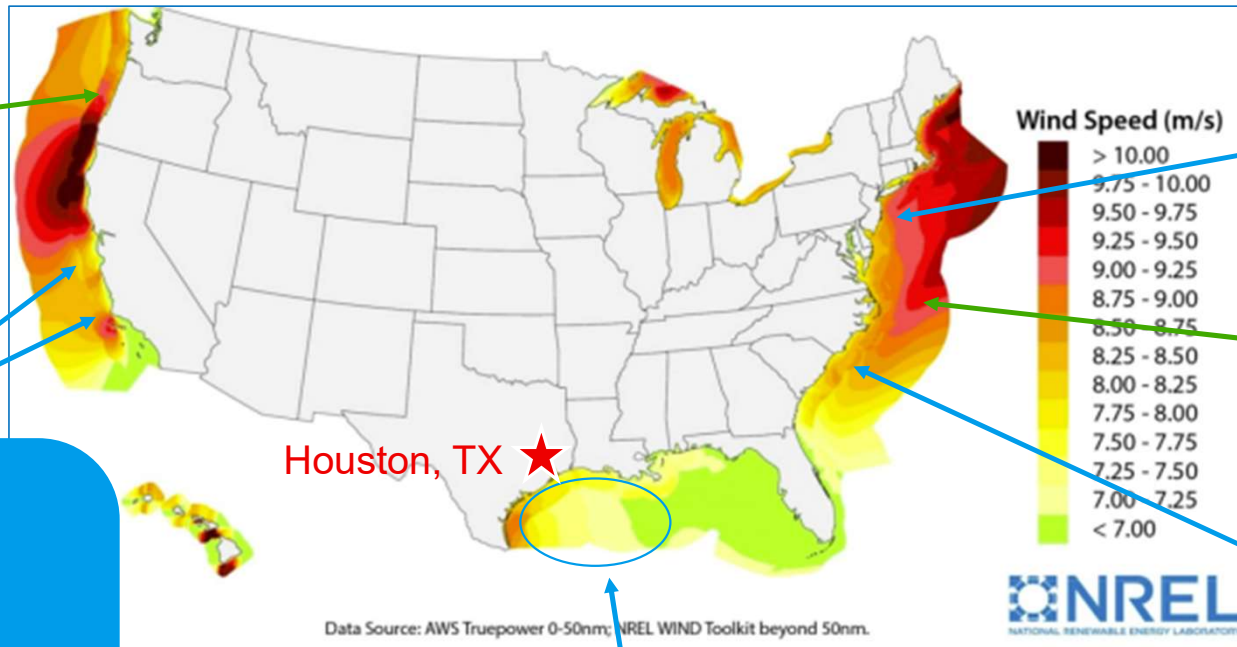
4 GW Offshore Wind:

- New York Bight 3 GW
- Carolina Long Bay 1 GW

TotalEnergies Offshore Wind US, current and future



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Oregon
Auction
2023
Floating

New York Bight
3 GW

Central Atlantic
2023
Fixed / Floating

North Carolina
1 GW

California
Auction Q3 2022
Humboldt: 132,448 acres
Morro: 241,000 acres
2000~4,000 ft depth
16 nm from shore

Gulf of Mexico
Auction end 2022 early 2023
>30M acres in planning area
100~4,000 ft depth
16 nm from shore

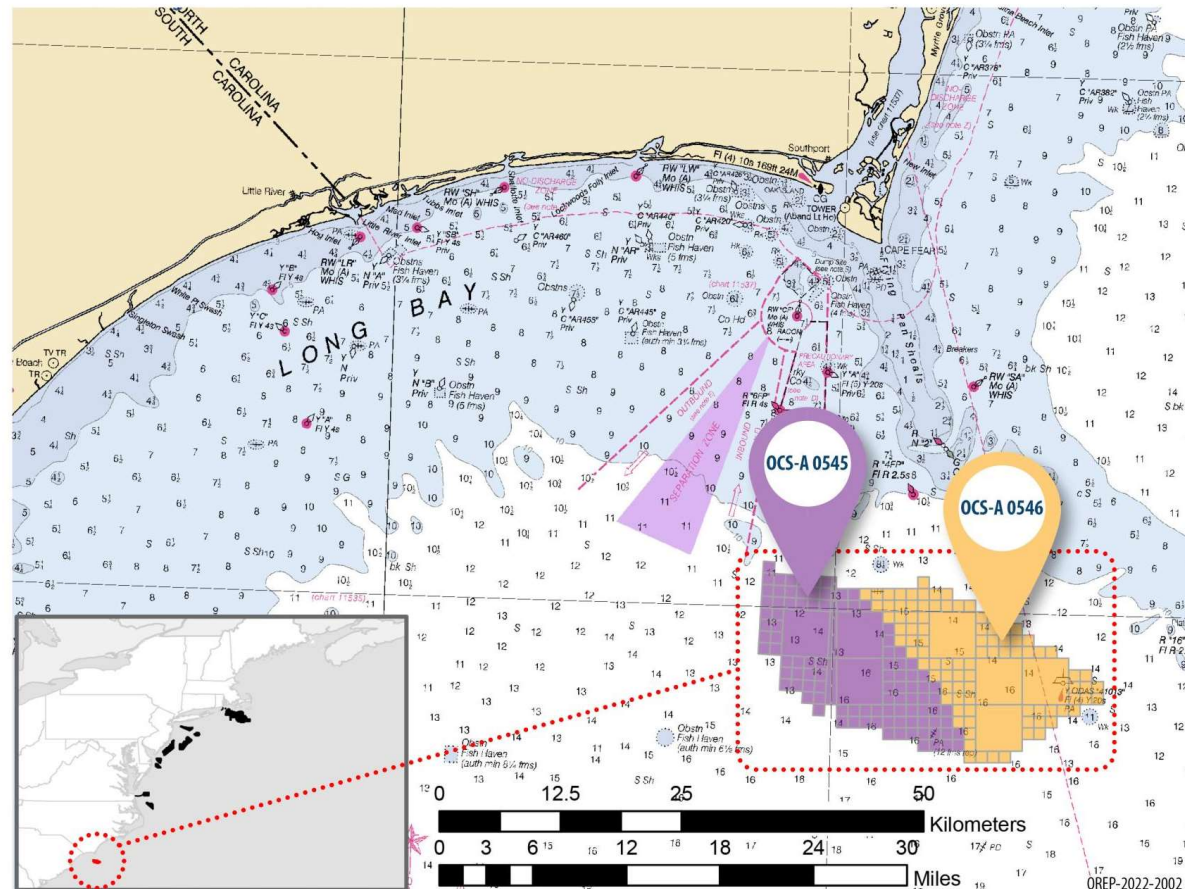
Projects

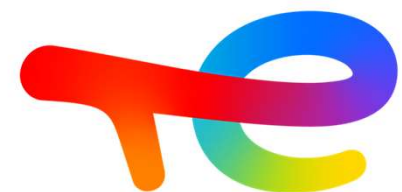
Pre-project

Carolina Long Bay



- Auction in May
- Lease OCS-A 0545 signed in June
- Near Term:
 - Communications Plans due to BOEM within 90 days:
 - Fisheries
 - Native American Tribes
 - Agency
- Mid-term:
 - Survey activities
 - Site Assessment Plan
 - Construction and Operations Plan





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Thank you