

Rhode Island Marine Fisheries Council
August 30, 2018



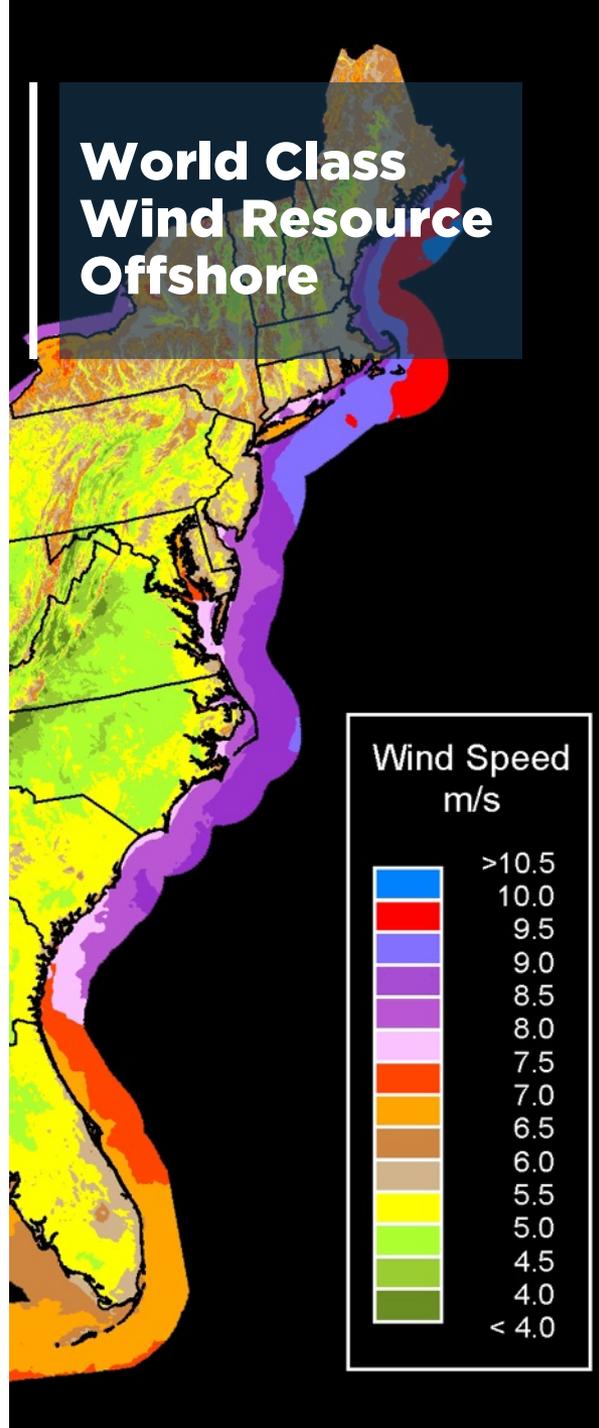
DEEPWATERWIND

Clean energy is just over the horizon.®

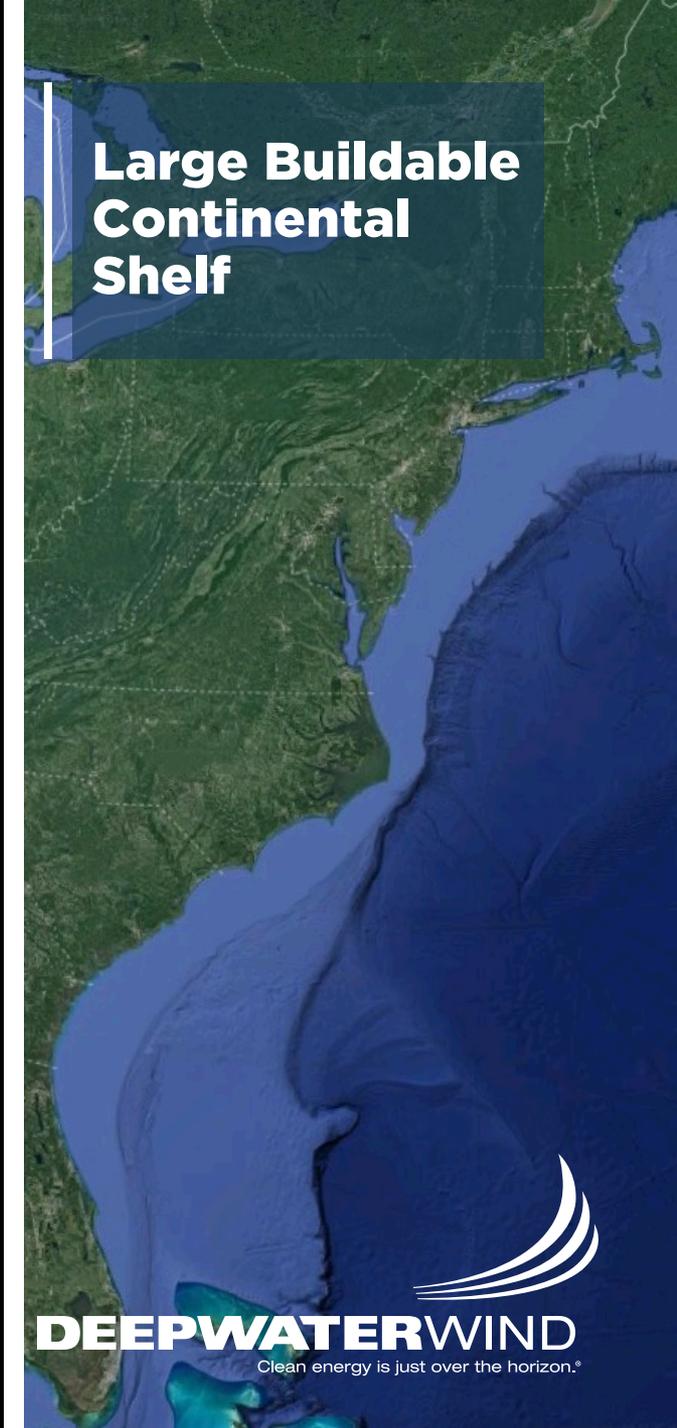
**Huge Coastal
Electricity
Demand**



**World Class
Wind Resource
Offshore**



**Large Buildable
Continental
Shelf**



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America's First Offshore Wind Farm is Now Operating

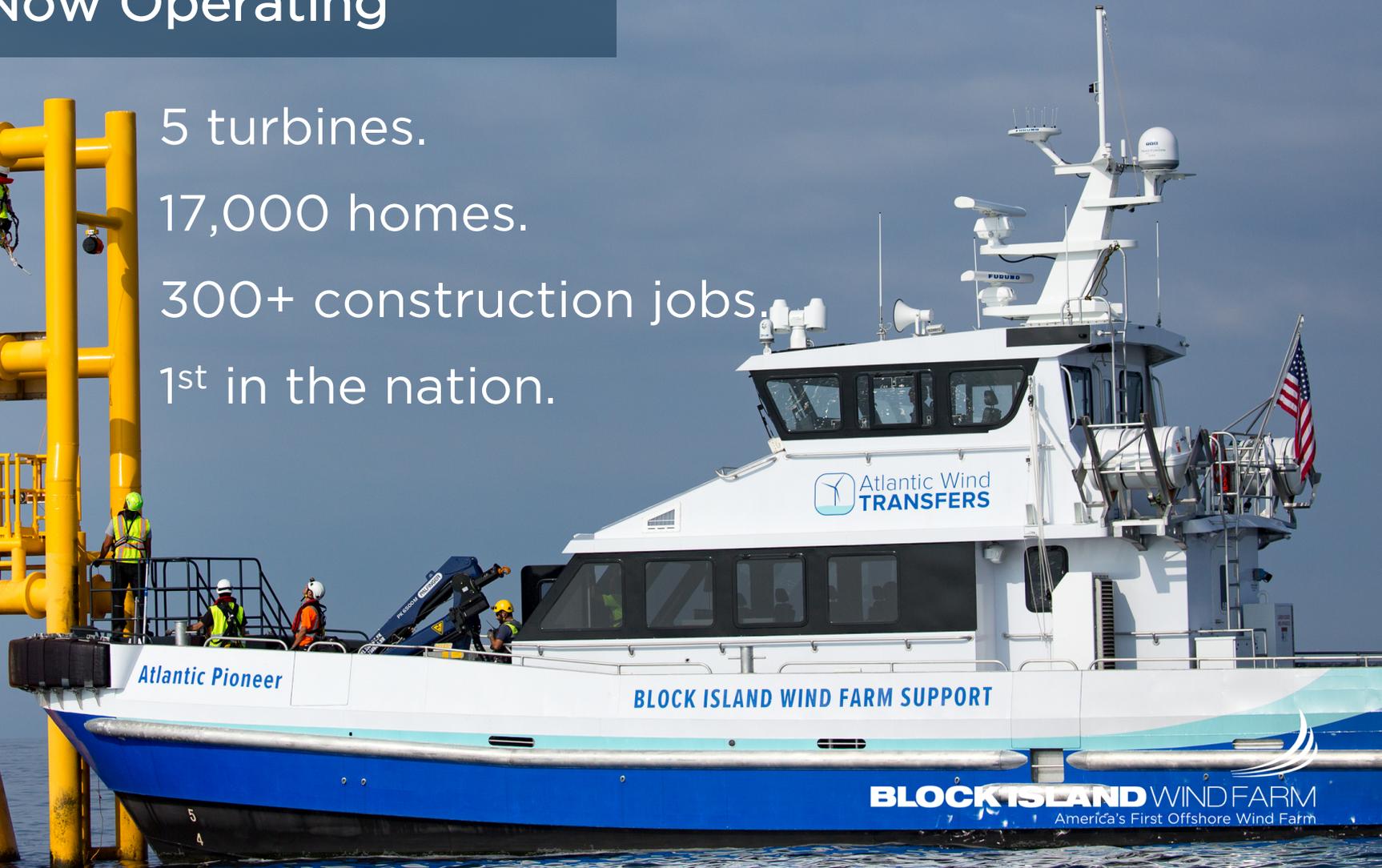
5 turbines.

17,000 homes.

300+ construction jobs

1st in the nation.

WARNING
NO MOORING
NO ANCHORING
NO TRESPASSING



BLOCK ISLAND WIND FARM
America's First Offshore Wind Farm

Major Milestones

- 2008** Project proposed to Rhode Island
- 2011** Final revenue contract approved
- 2012** Permit applications submitted
- 2014** Final permits approved
- 2015** Offshore installation begins
- 2016** Commercial operations



Fisheries Science at the Block Island Wind Farm
Trawl and Lobster Surveys: Before, during, and after
construction

South Fork Wind Farm

SFWF will be located 30 miles east of Long Island's South Fork

First phase of development in the BOEM OCS-A 0486 lease area

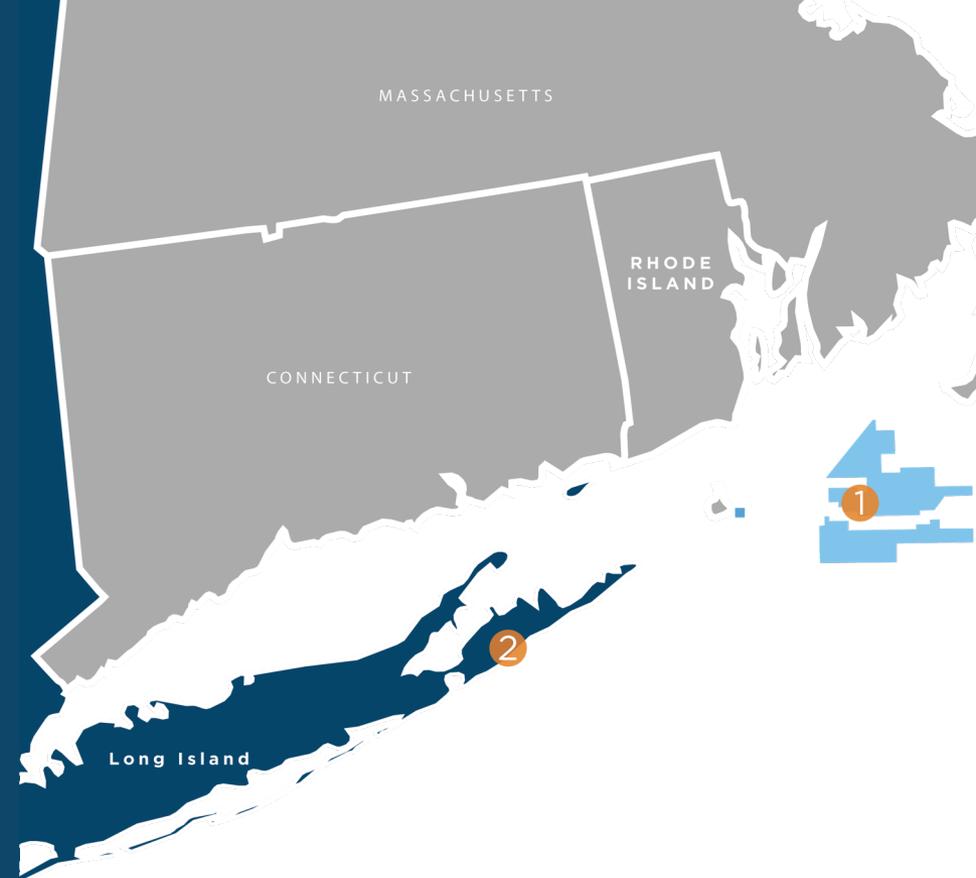
Schedule

2018 – Permit applications submitted

2018-2020 – Permit review

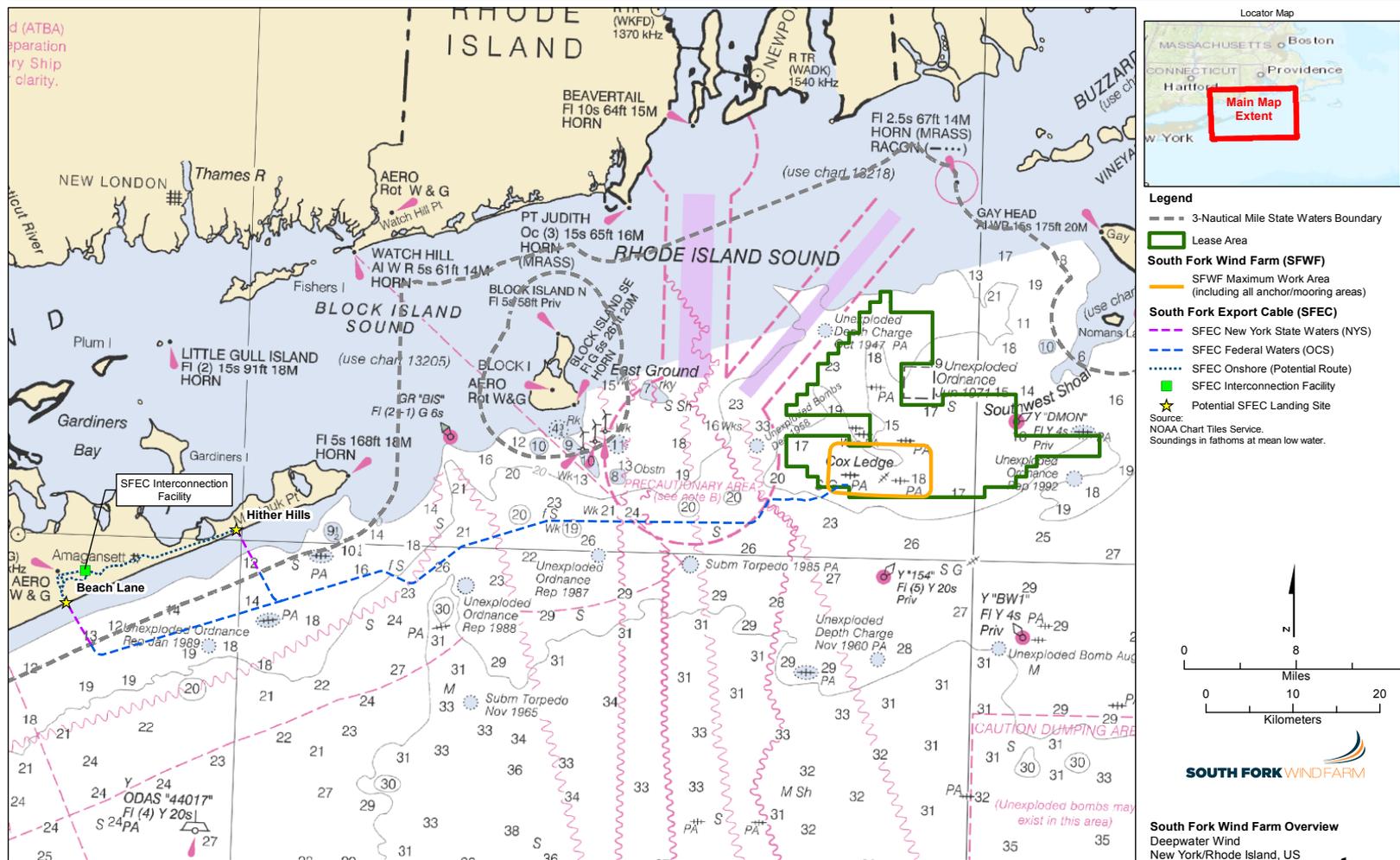
2021-2022– Offshore construction

End of 2022 –Operations begin



- ① Proposed location of SFWF
- ② Proposed location of SFWF substation

SFWF Project Location



Construction and Operations Plan (COP) Submission Schedule

June 2018 – COP Submittal to BOEM

Fall 2018 – Publishes Notice of Intent (NOI), posts COP to website.

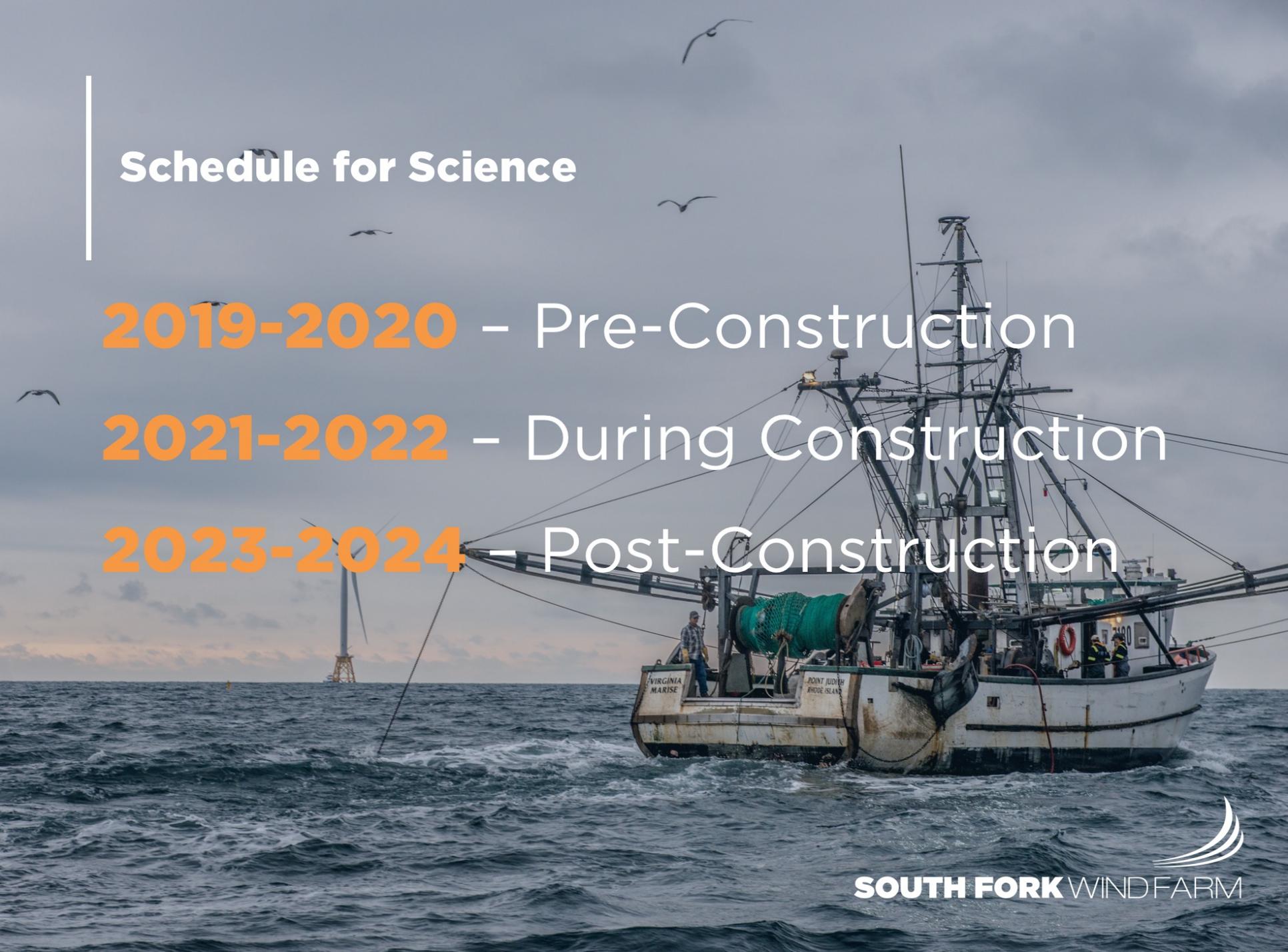
Public Scoping Meetings: MA, RI, NY.

Coastal Zone Management Act Consistency Review period begins

2018 – 2020 – Permit Review Period

2020 – Final Permit Decisions

Multiple opportunities for your input through-out permit review process



Schedule for Science

2019-2020 – Pre-Construction

2021-2022 – During Construction

2023-2024 – Post-Construction



- Archeological (Marine and Terrestrial)
- Geophysical and Geotechnical
- Visual Impact Assessment (including historic properties)
- Wetland Delineation
- Sensitive Habitat Surveys
- Avian and Bat Surveys
- Benthic Surveys
- Fish and Fisheries Surveys
- EMF modeling
- EFH Analysis
- Navigational Risk Assessment
- Air Emissions Analysis
- Underwater and In-Air Noise Modeling
- Marine Mammal Risk Assessment
- Sediment Transport Modeling
- Socio-Economic Assessment

Assessments to Support Permits

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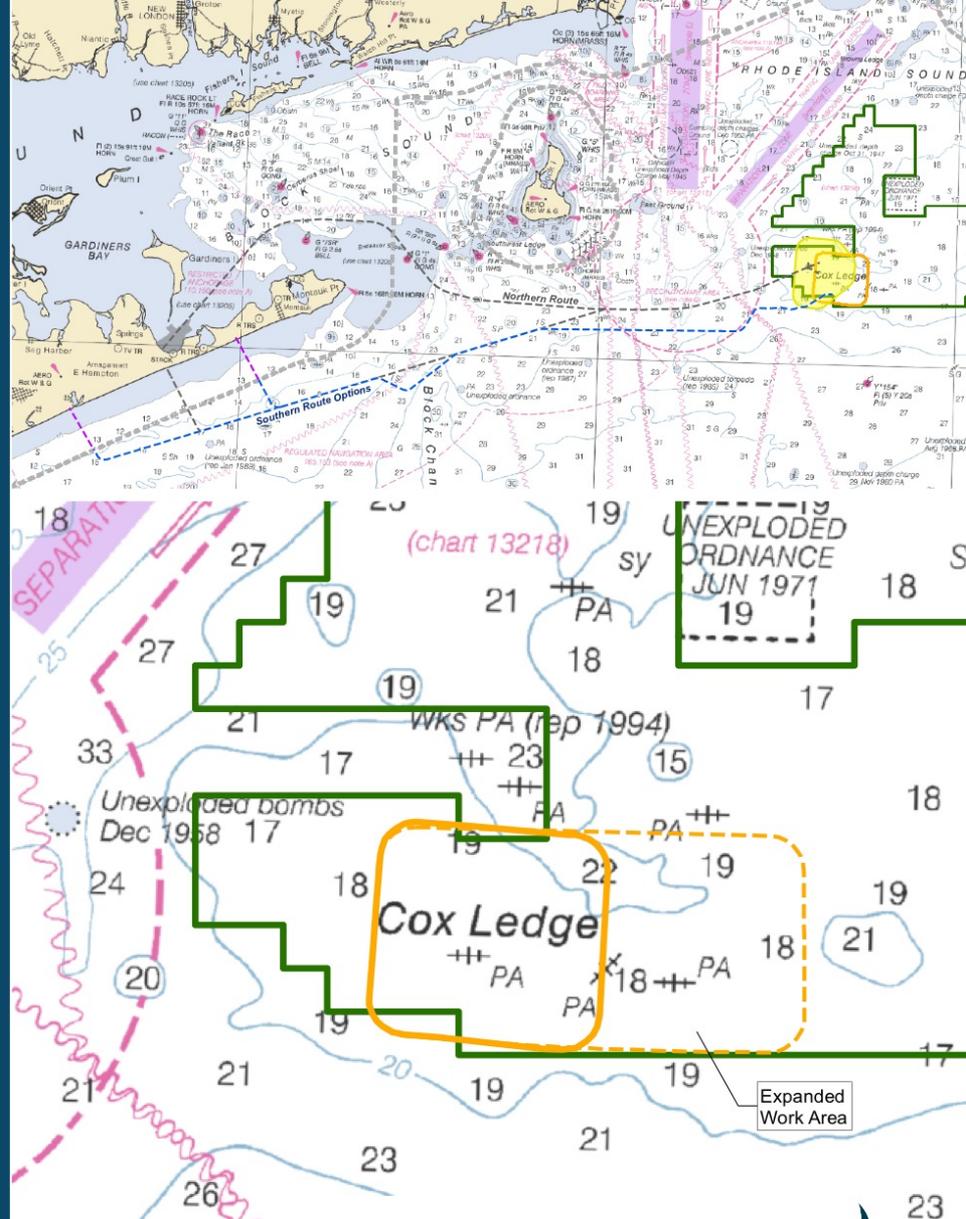
Clean energy is just over the horizon.

Changes to project layout and location in response to feedback from fishermen, local communities, and agencies

Thank you for your feedback to date

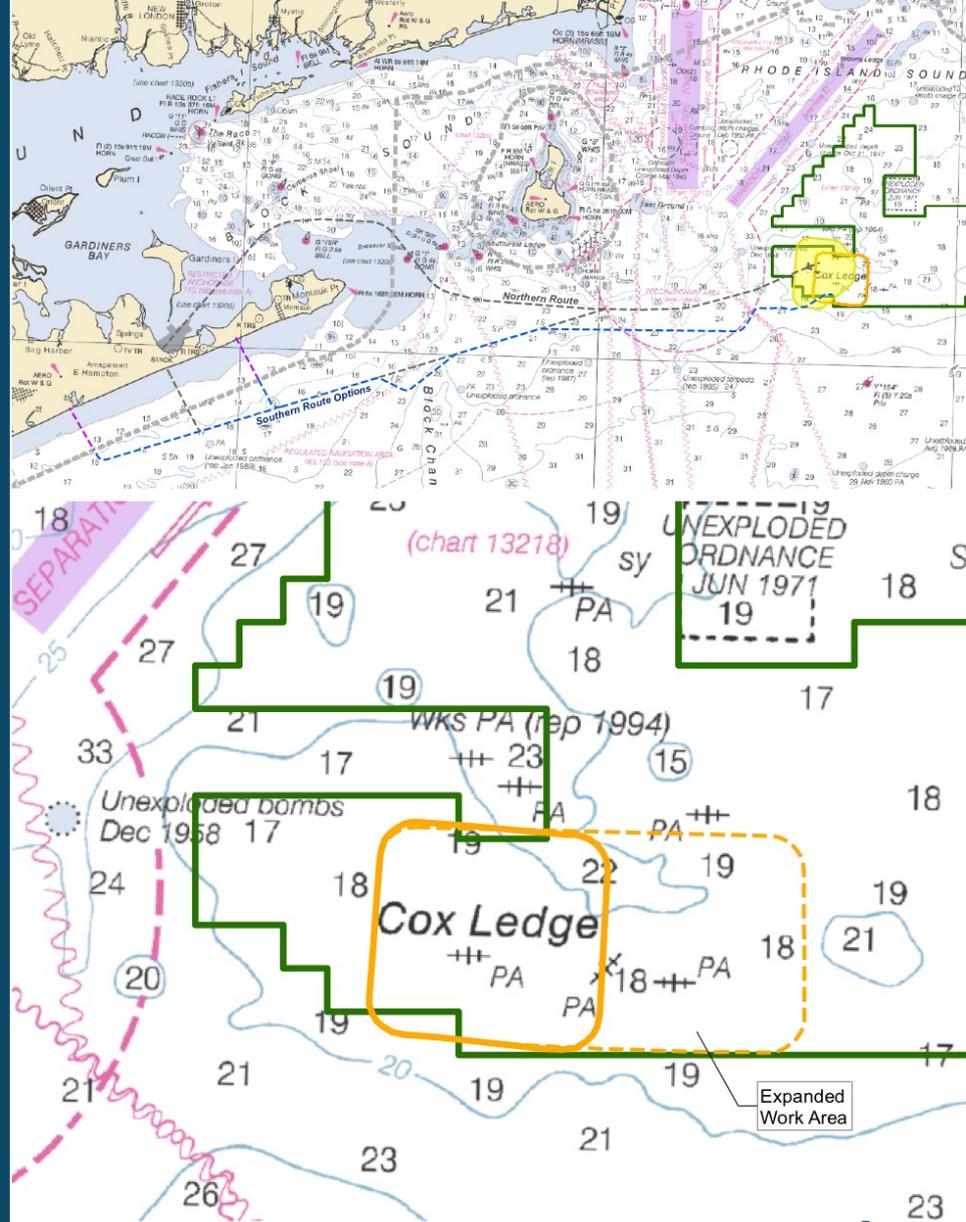
We have listened and commit to the following:

- Northern route excluded
- Cable route adjustments in response to input from mobile gear fishermen



Changes to project layout and location in response to feedback from fishermen, local communities, and agencies

- Increased turbine spacing to 1 mile
- North-South / East-West grid



Revolution Wind Overview

600 MW offshore wind farm

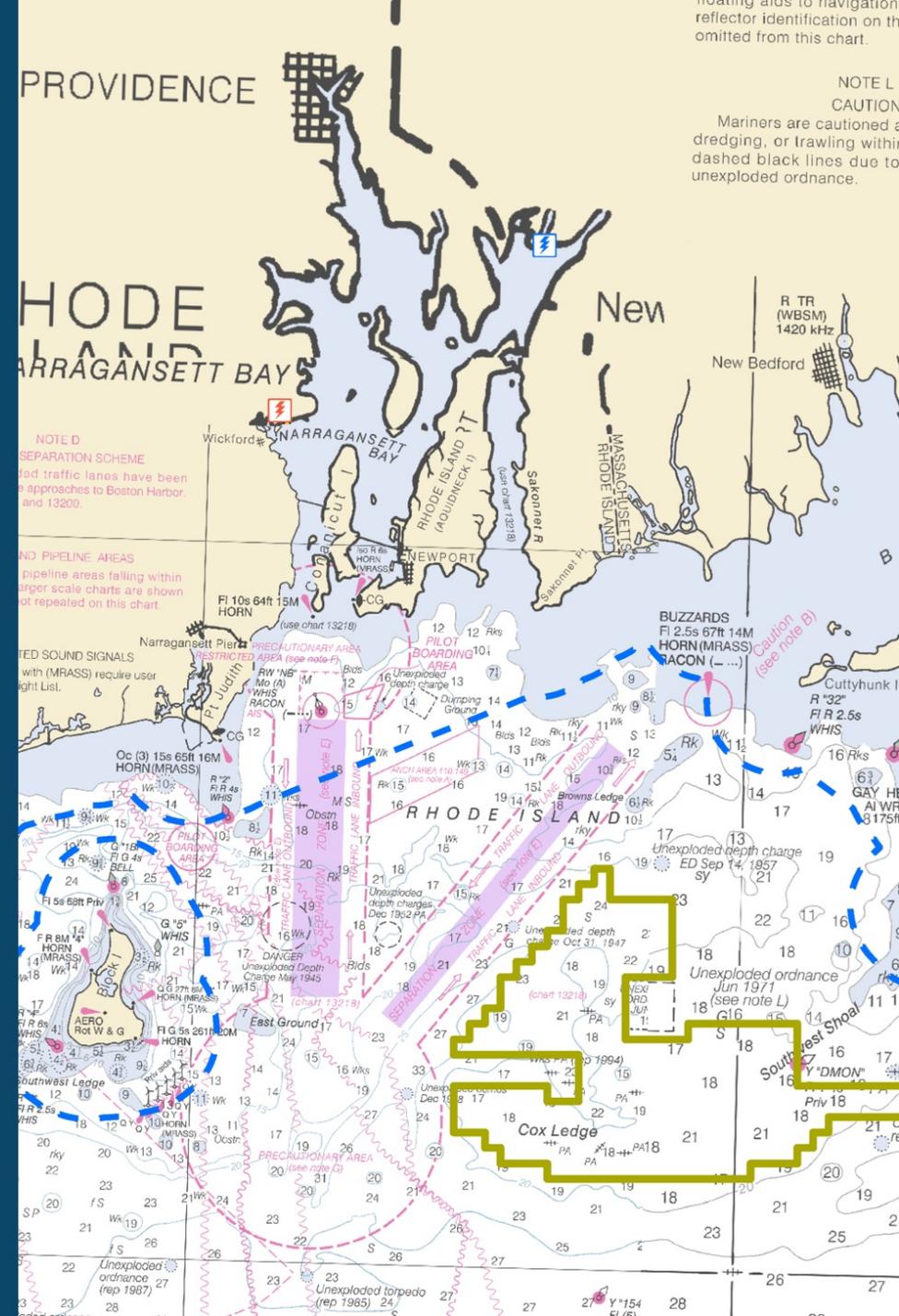
➤ 400 MW to RI

➤ 200 MW to CT

Will power more than 300,000 homes

➤ 200,000 in RI

➤ 100,000 in CT



DEVELOPMENT SCHEDULE

Ongoing

Stakeholder meetings

2019

Apply for permits

2021

Permit approvals

2021

Installation begins offshore

2023

Commercial Operations



REVOLUTIONWIND

We are Committed to Working with Rhode Island Fishermen

- We will promote the smart growth of the American offshore wind industry
- We will focus on maintaining access and navigation in and around our wind farms for all ocean users
- We will complete scientific research collaboratively with the fishing community before, during, and after construction
- We will be accessible and available
- We are the 1st offshore wind company to publish a Fishing Gear Conflict Prevention and Claim Procedure

Working Collaboratively with Fisherman

- Fisheries Liaisons
- Fisheries Representatives
- Outreach – early and often
- Input on project layout and design
- Collaborative science

Outreach with the RI Fishing Community

- Fisherman's Advisory Board
- Ongoing dockside meetings
- Continuous updates to Notice to Mariners
- Email, web, VHB, phone, dock handouts
- Mtgs with RI associations and organizations
- Cooperative planning for collaborative science
- Port Outreach meeting held in Point Judith on Jan 24, 2018



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