



BOEM

Outer Continental Shelf Wind Energy Leasing in the New York Bight

Jim Bennett, Chief, Office of Renewable Energy Programs

Luke Feinberg, New York Bight Project Coordinator

NEW YORK BIGHT INTERGOVERNMENTAL TASK FORCE MEETING | November 28, 2018

Outer Continental Shelf (OCS) Energy

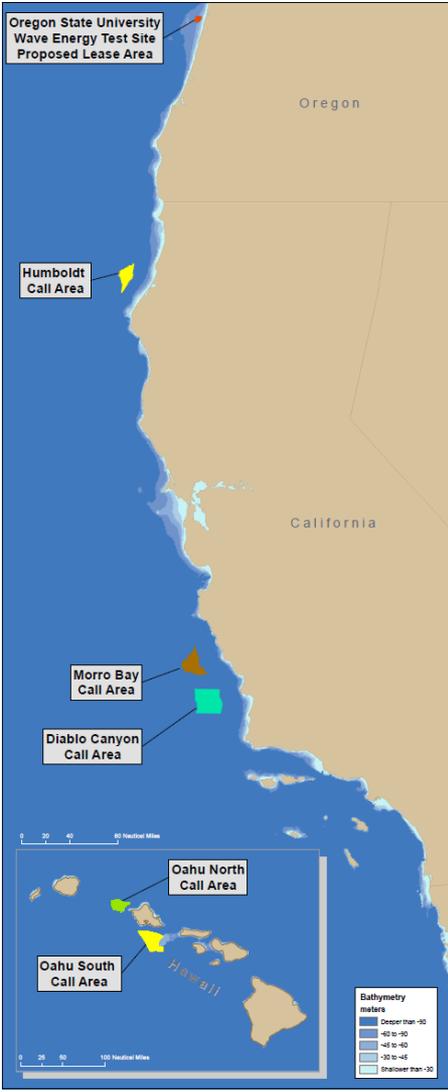
“The Outer Continental Shelf (OCS) is a **vital national resource** reserve held by the Federal Government for the public, which should be made available for **expeditious and orderly development**, subject to **environmental safeguards**, in a manner which is consistent with the maintenance of competition and other national needs.”

Outer Continental Shelf Lands Act (OCSLA) | *Sec 3(3)*

“... may grant a lease [for] energy from **sources other than oil and gas** ... in a manner that provides for safety and protection of the environment.”

Energy Policy Act of 2005 | *Sec. 388*





Office of Renewable Energy Programs

Leasing

- 12 active commercial wind energy leases in the Atlantic
- Upcoming lease sales in MA and NY Bight

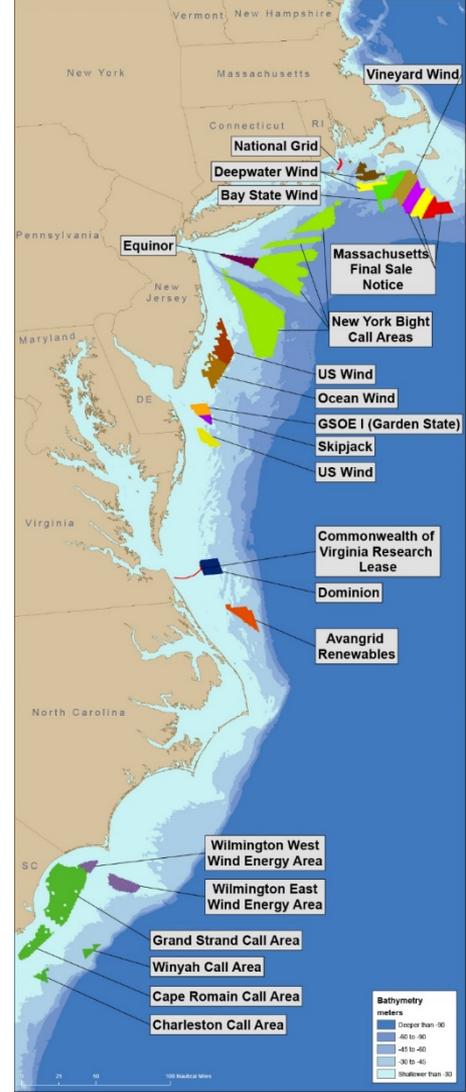
Site Assessment Plans (SAP)

- **7 approved** (MA, RI, VA, MD, MA, NJ, NY)

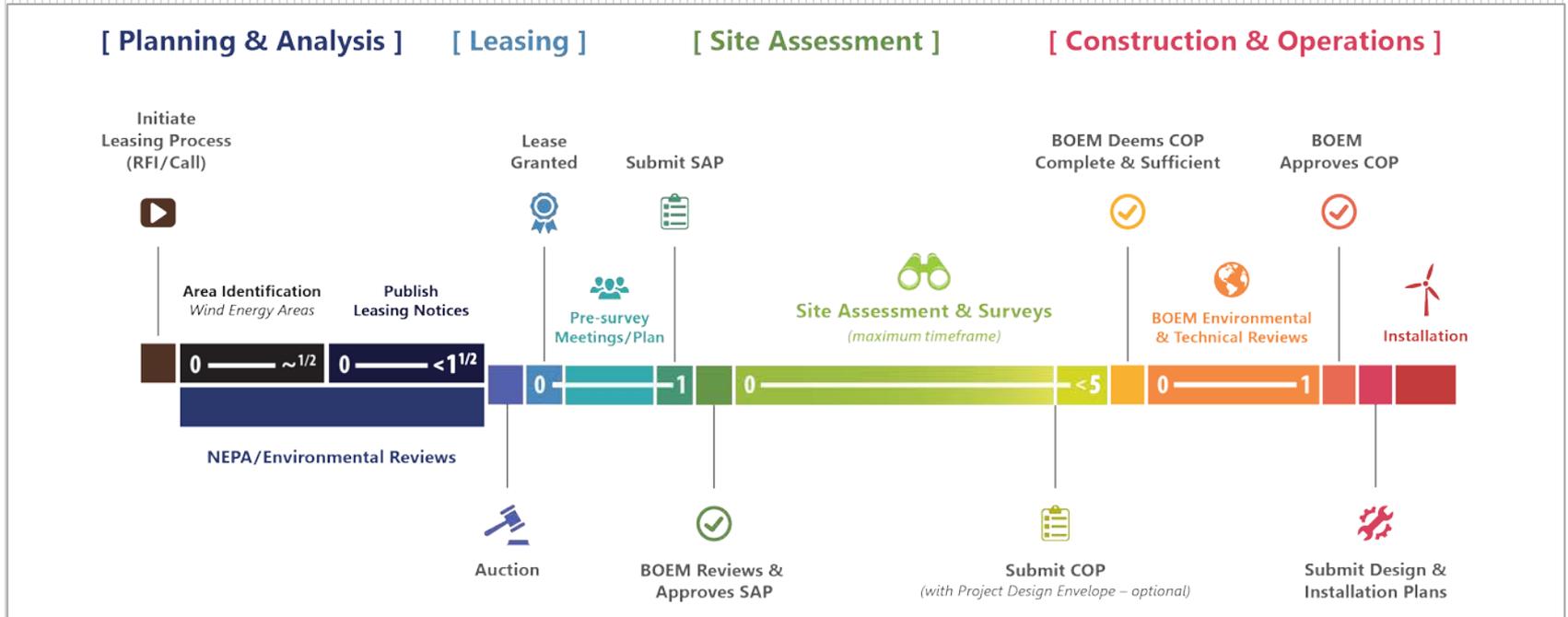
Construction and Operations Plans (COP)

- **2 processing** (Vineyard Wind & Deepwater Wind South Fork)

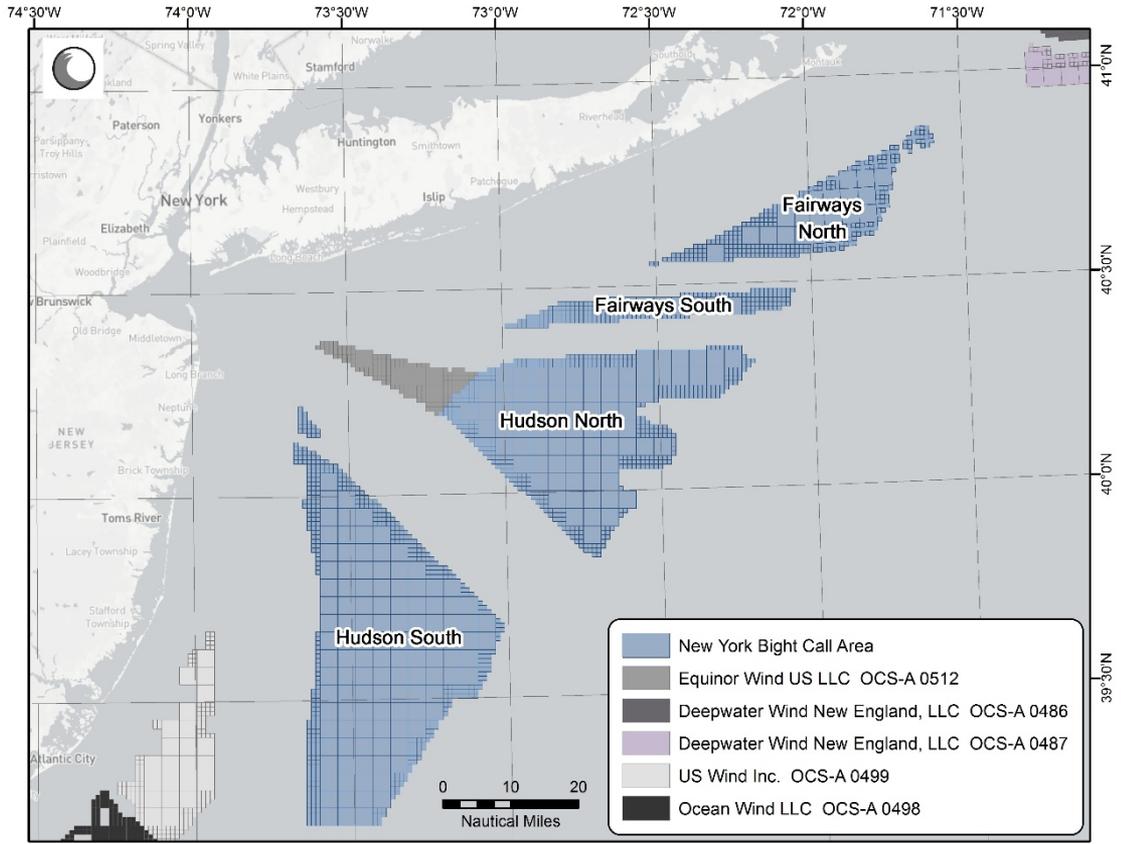
Planning activities continue off California, North Carolina and the New York Bight



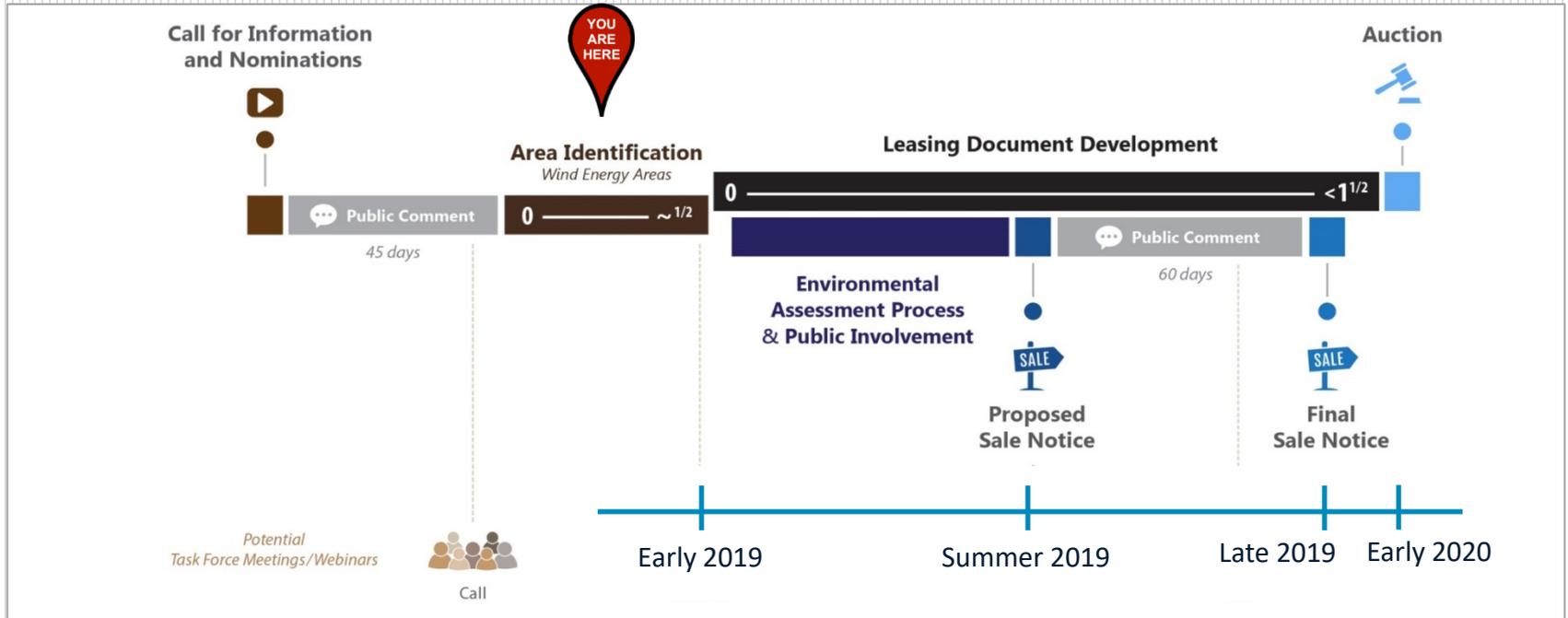
Renewable Energy Process: From Call to Operation



New York Bight Call Areas

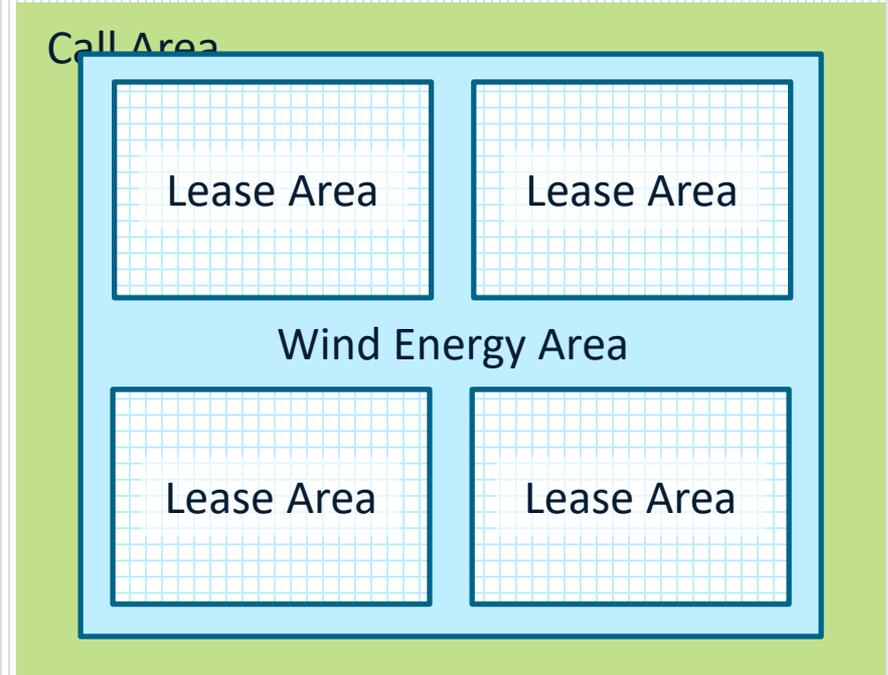


Renewable Energy Process: From Call to Auction



What is a Wind Energy Area?

- A portion of the OCS identified by BOEM for NEPA analysis (Environmental Assessment)
- The basis for a Lease Area



Response to the Call

Comment period closed **July 30, 2018**

- 132 comments received
 - General public, federal, state and local agencies, fishing industry, industry groups, developers, eNGOs, universities
- Eight nominations received from qualified companies

Factors for Wind Energy Area Consideration

- Developer Nominations
- Recreational & Commercial Fishing
- Visual
- Marine Protected Species
- Avian Species
- Cables
- Radar
- Wind Resource
- Vessel Navigation
- Department of Defense
- Cost of Development

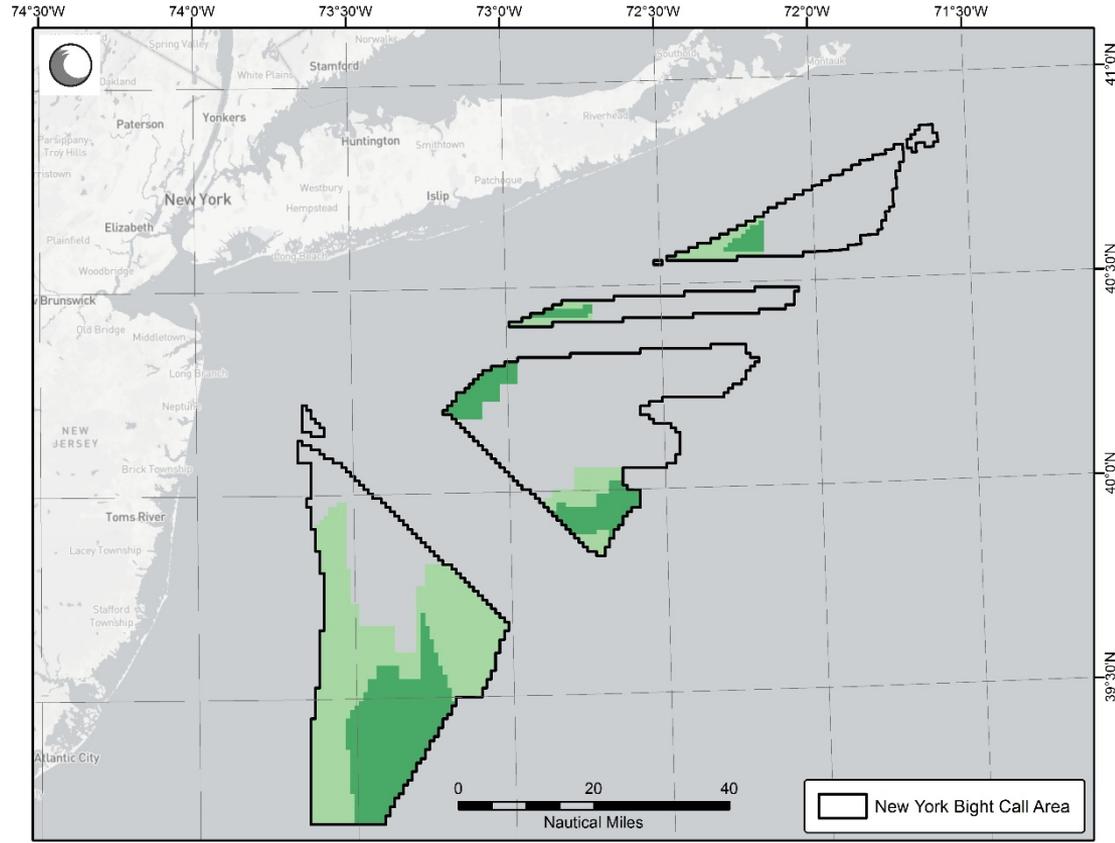
New York Bight DRAFT Wind Energy Areas

Primary Recommendation:

- 315,268 acres
- ~3.8 GW

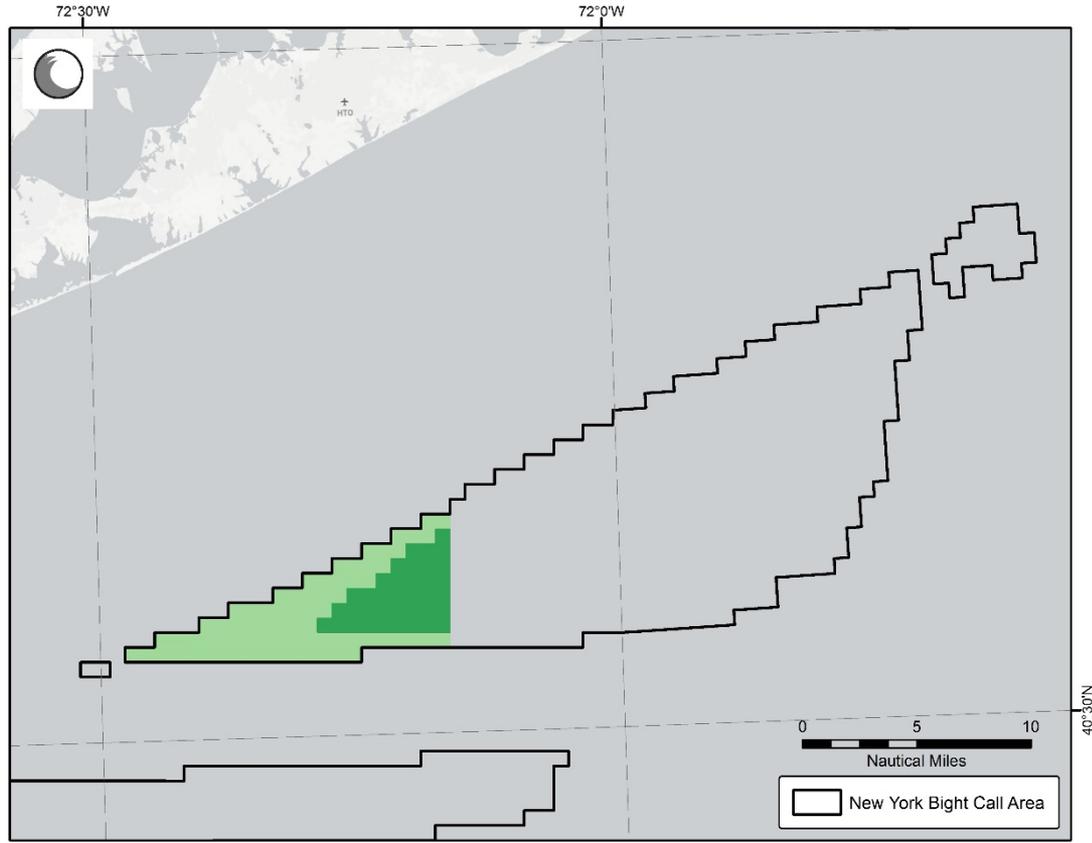
Primary & Secondary Recommendation:

- 793,862 acres
- ~9.6 GW



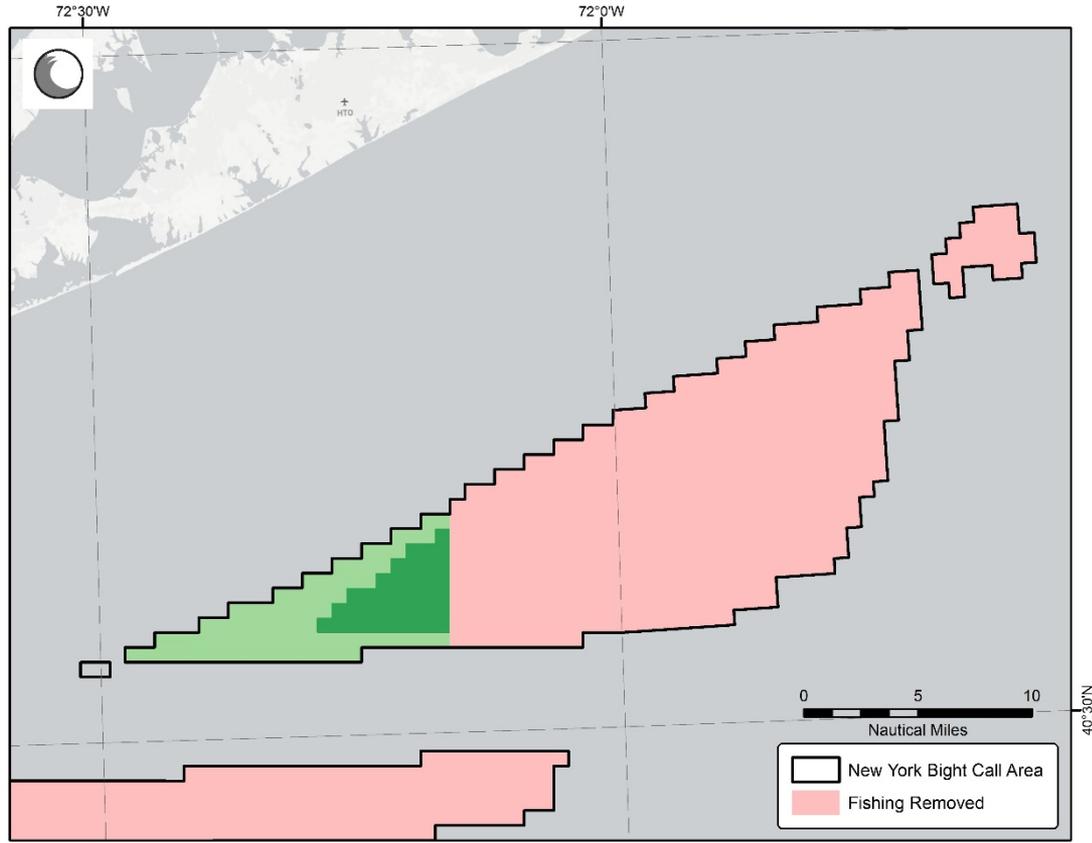
Fairways North Winnowing

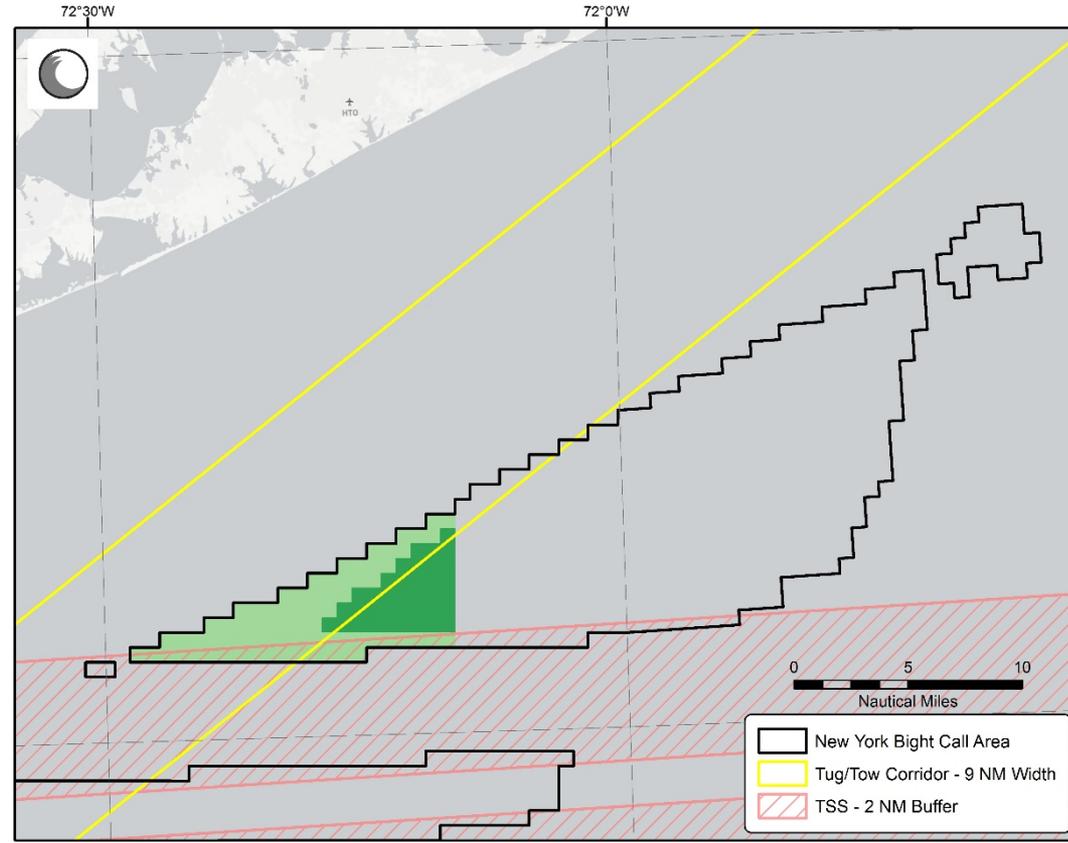
- Developer Nominations
- Visual & Historic Properties
- Marine Protected Species
- Cables
- Recreational & Commercial Fishing
- Vessel Navigation



Fairways North Winnowing

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- Visual & Historic Properties
- Marine Protected Species
- Cables
- **Recreational & Commercial Fishing**
- Vessel Navigation



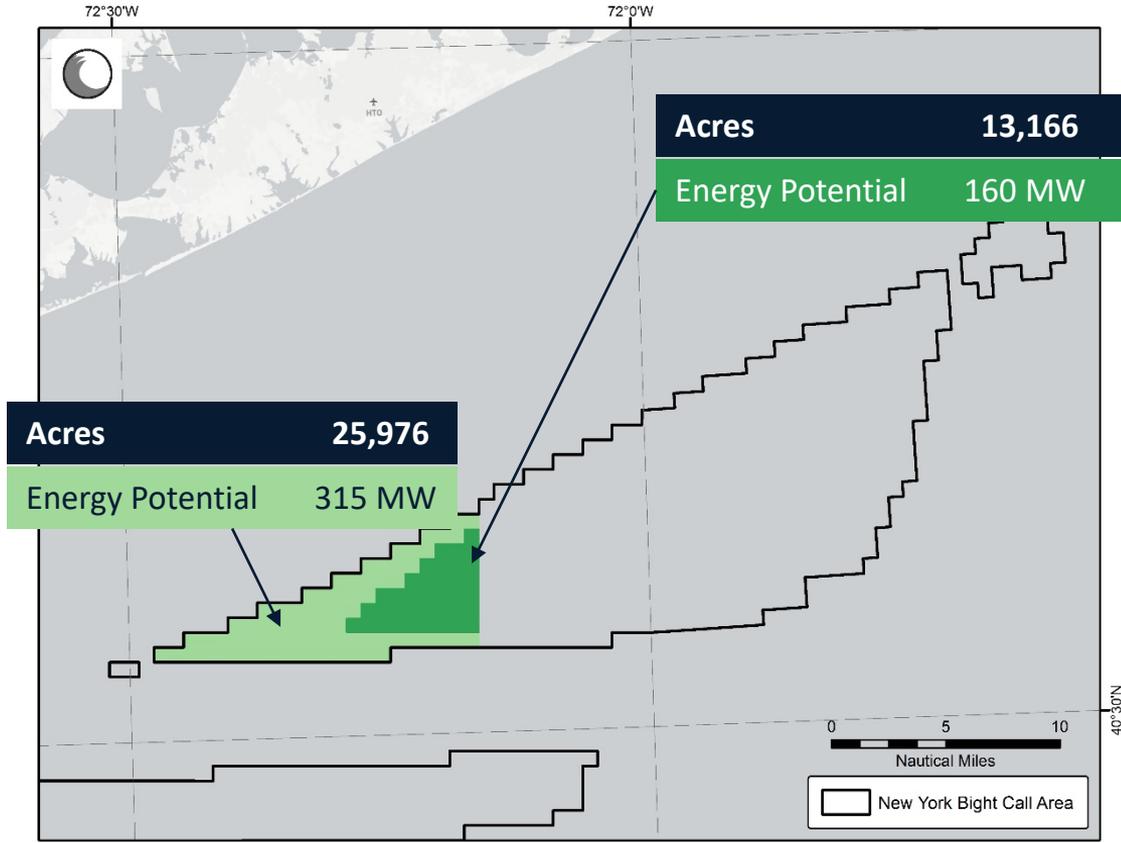


Fairways North Winoing

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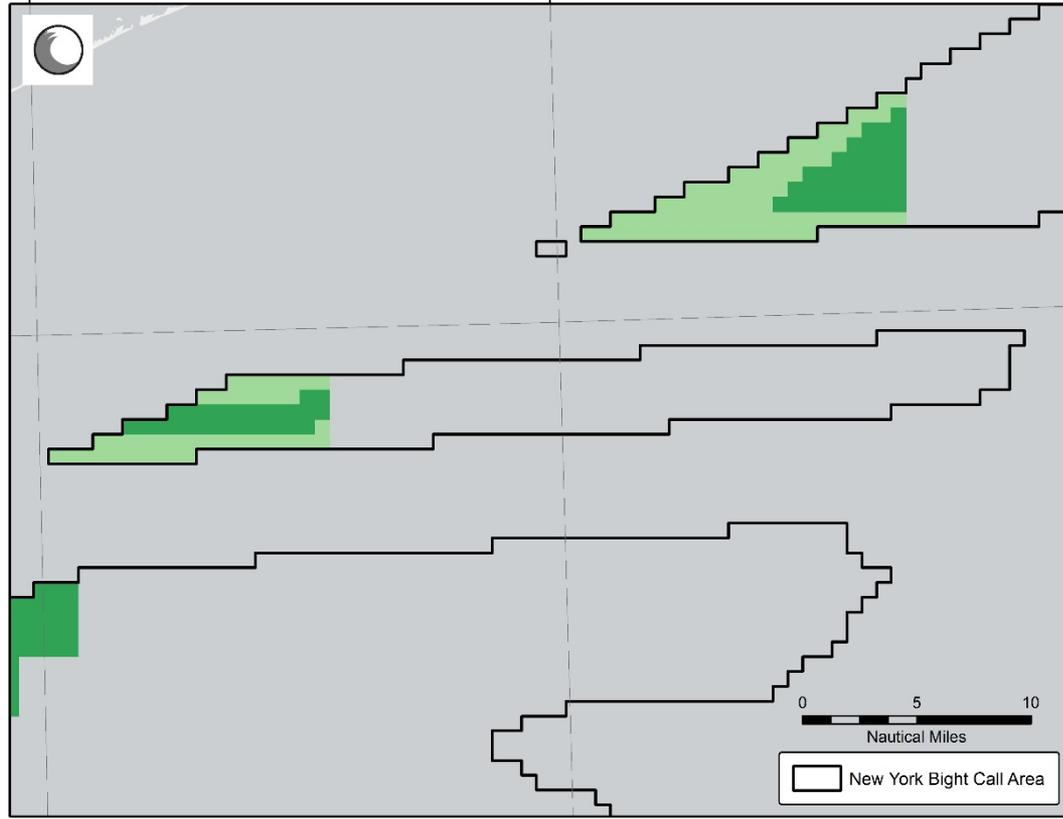
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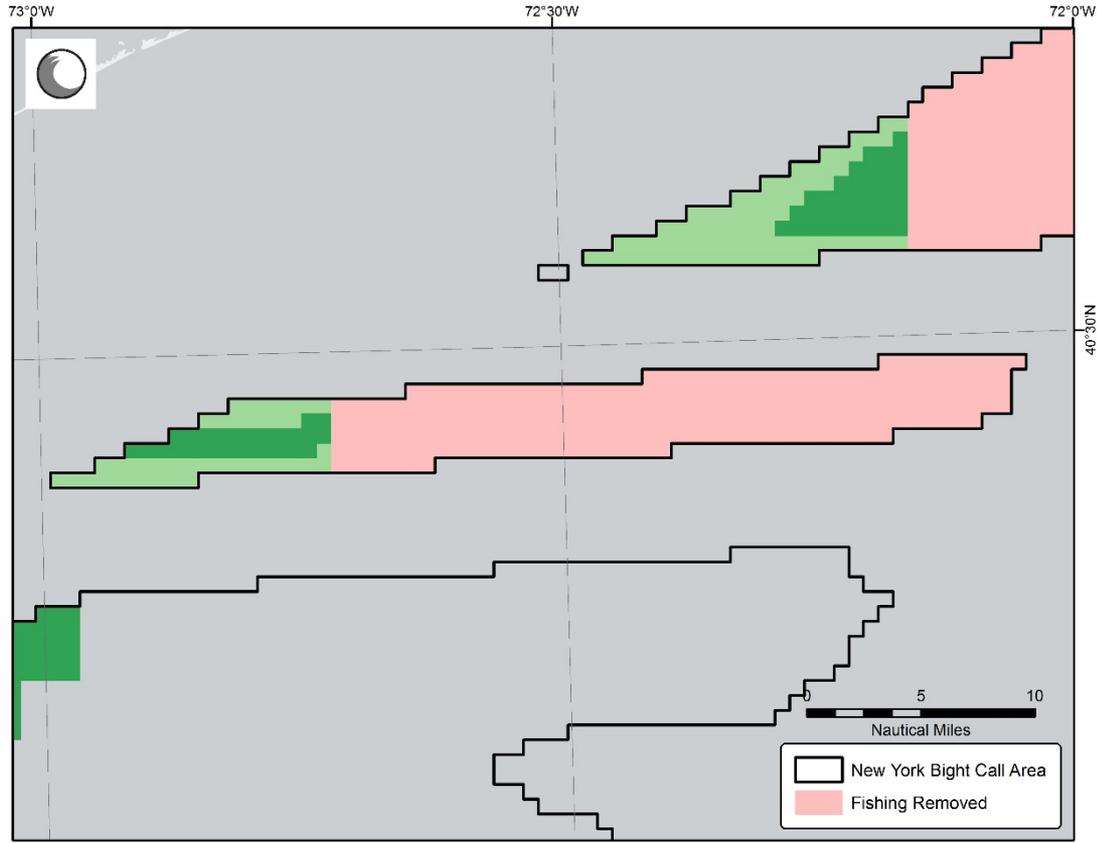
73°0'W

72°30'W



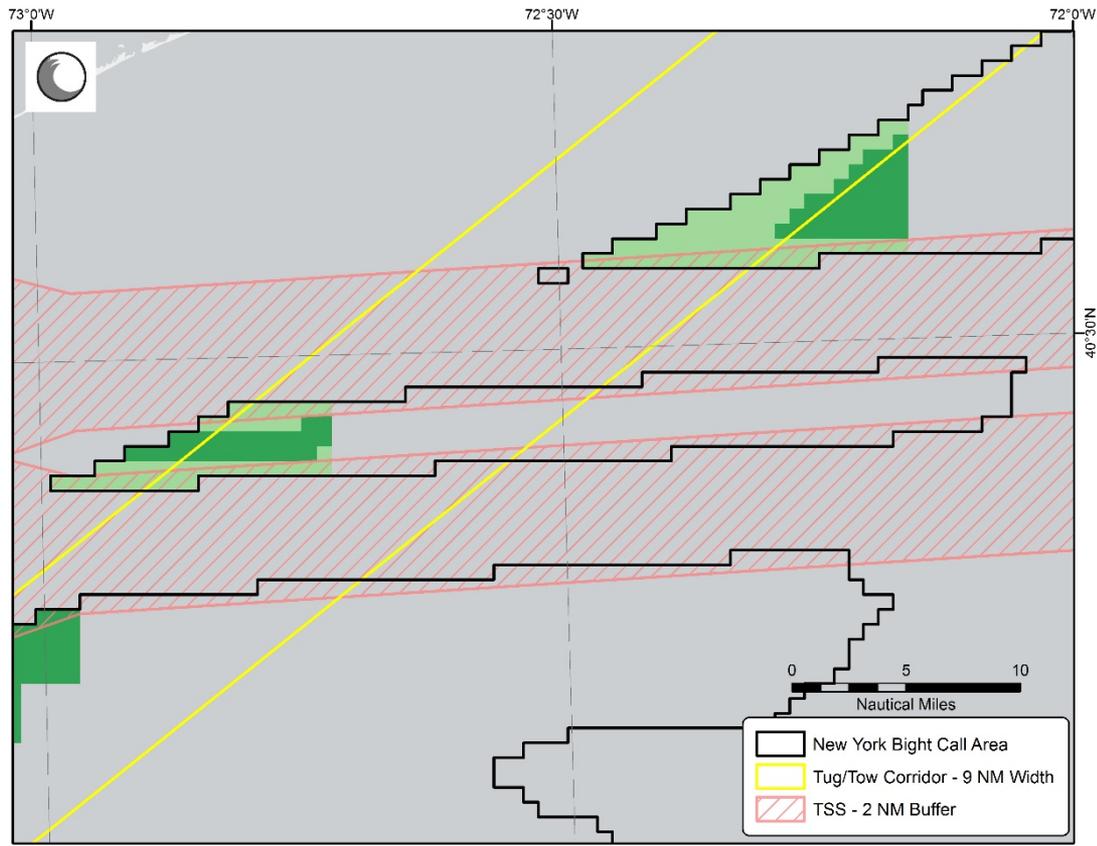
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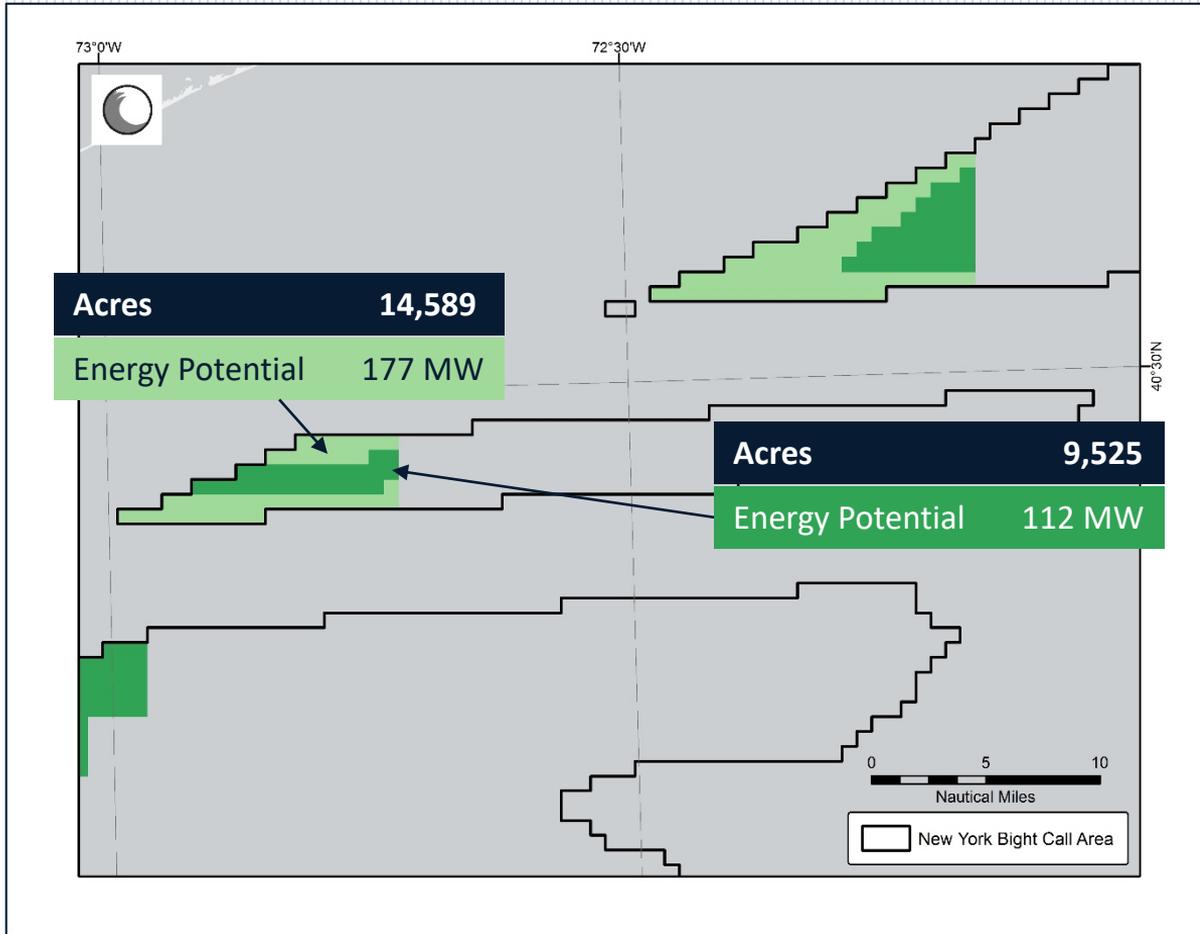


Fairways South Winoing

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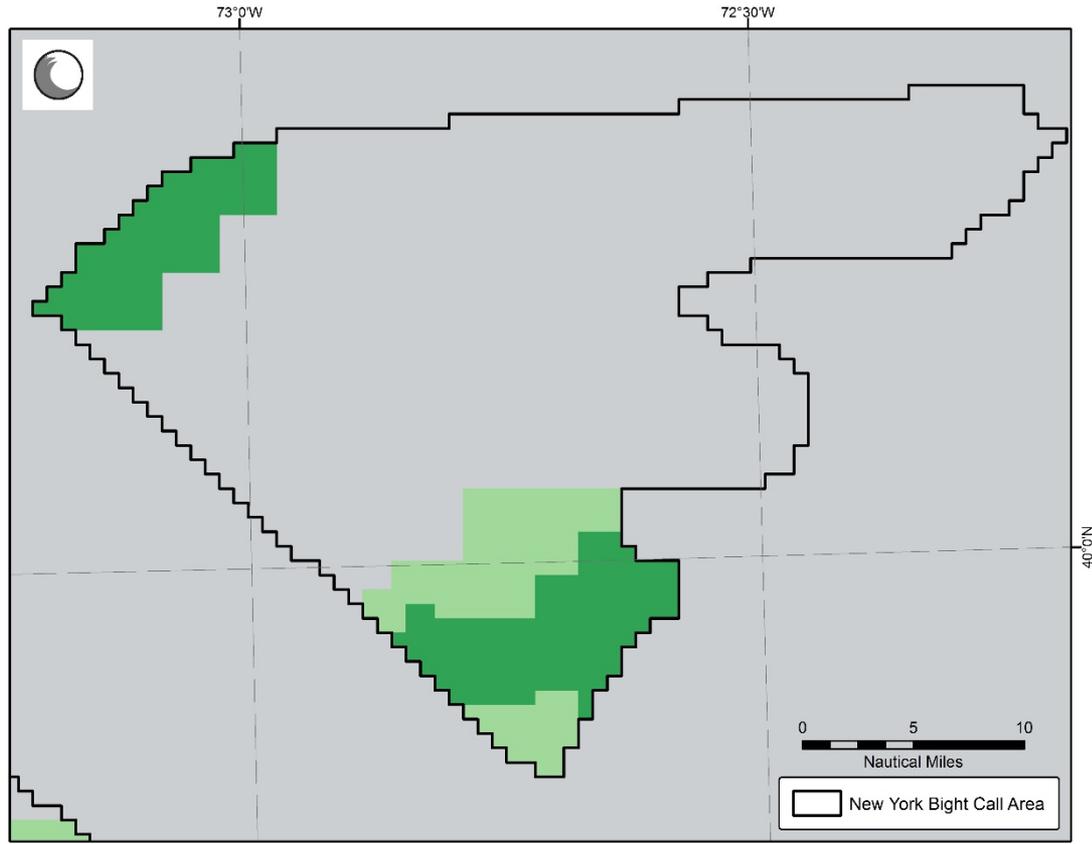
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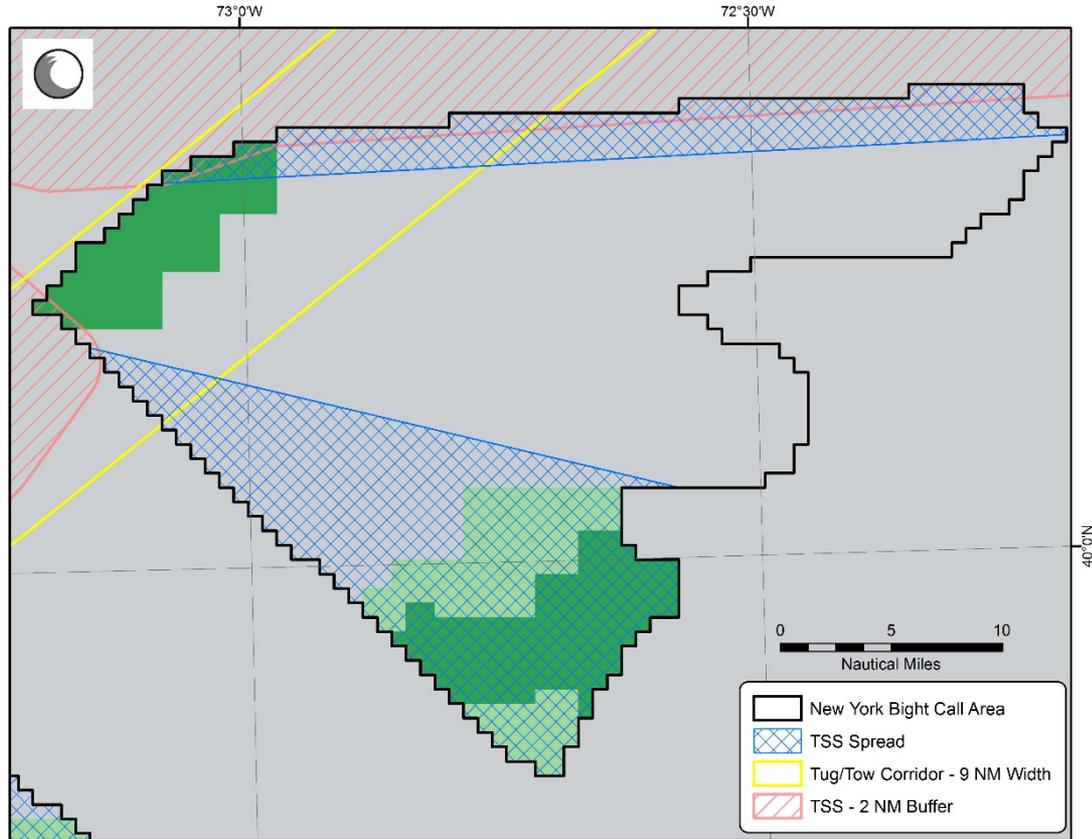
Hudson North Winnowing

- Developer Nominations
- Recreational & Commercial Fishing
- Cables
- Vessel Navigation



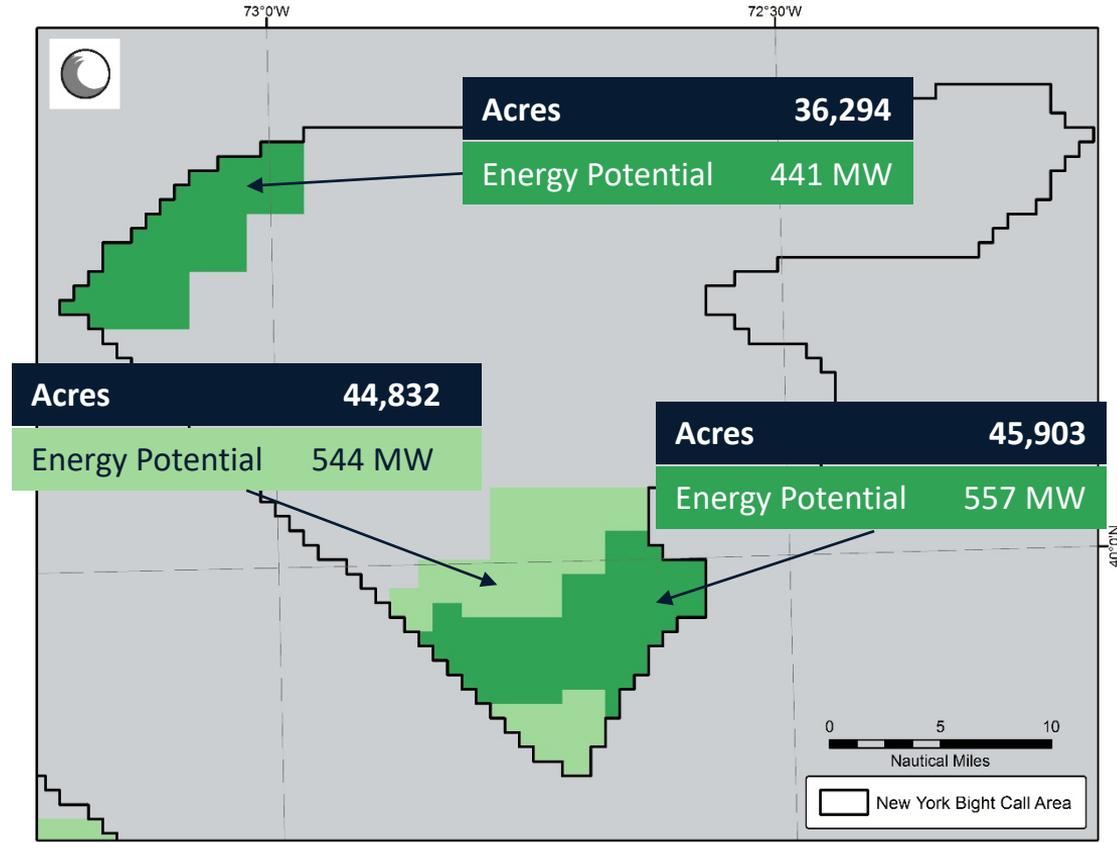
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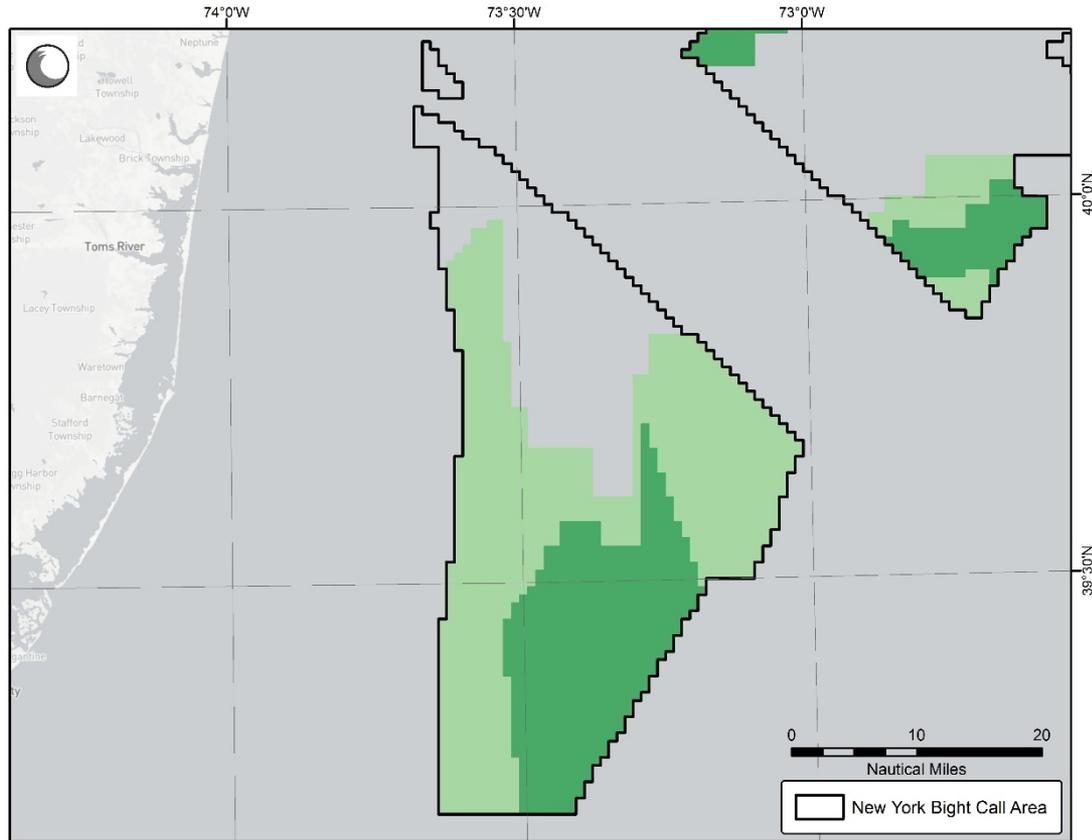
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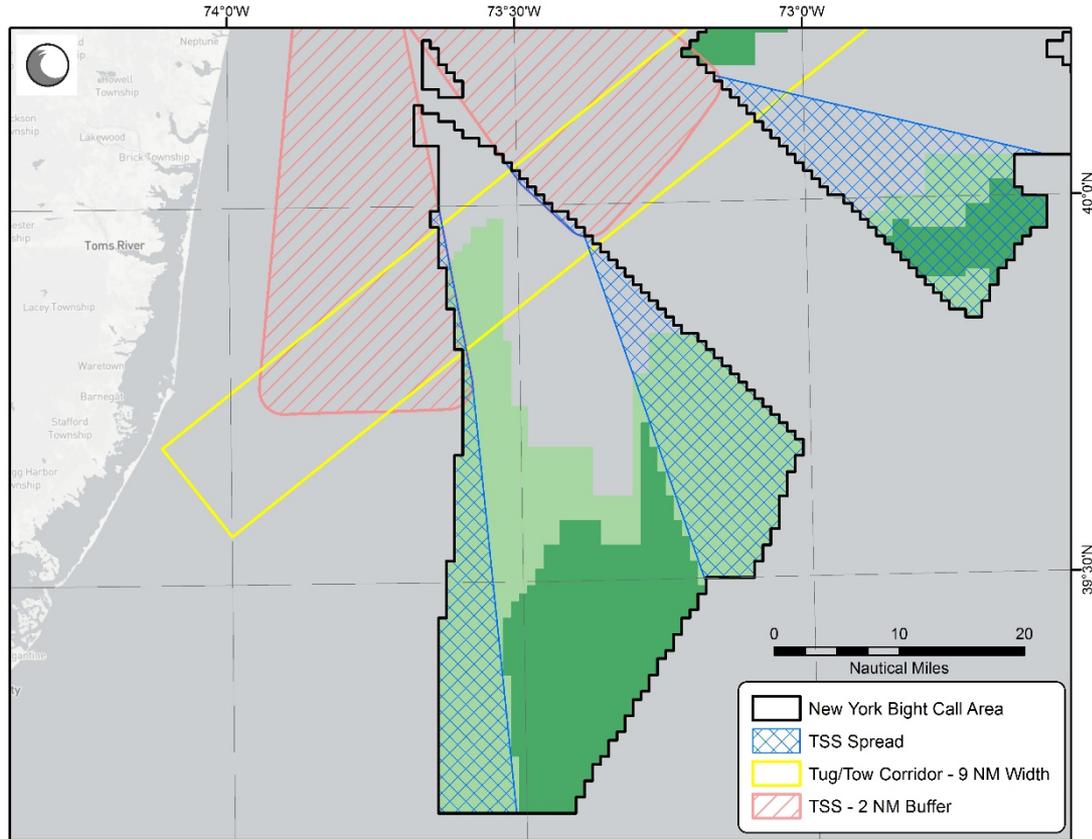
Hudson South Winnowing

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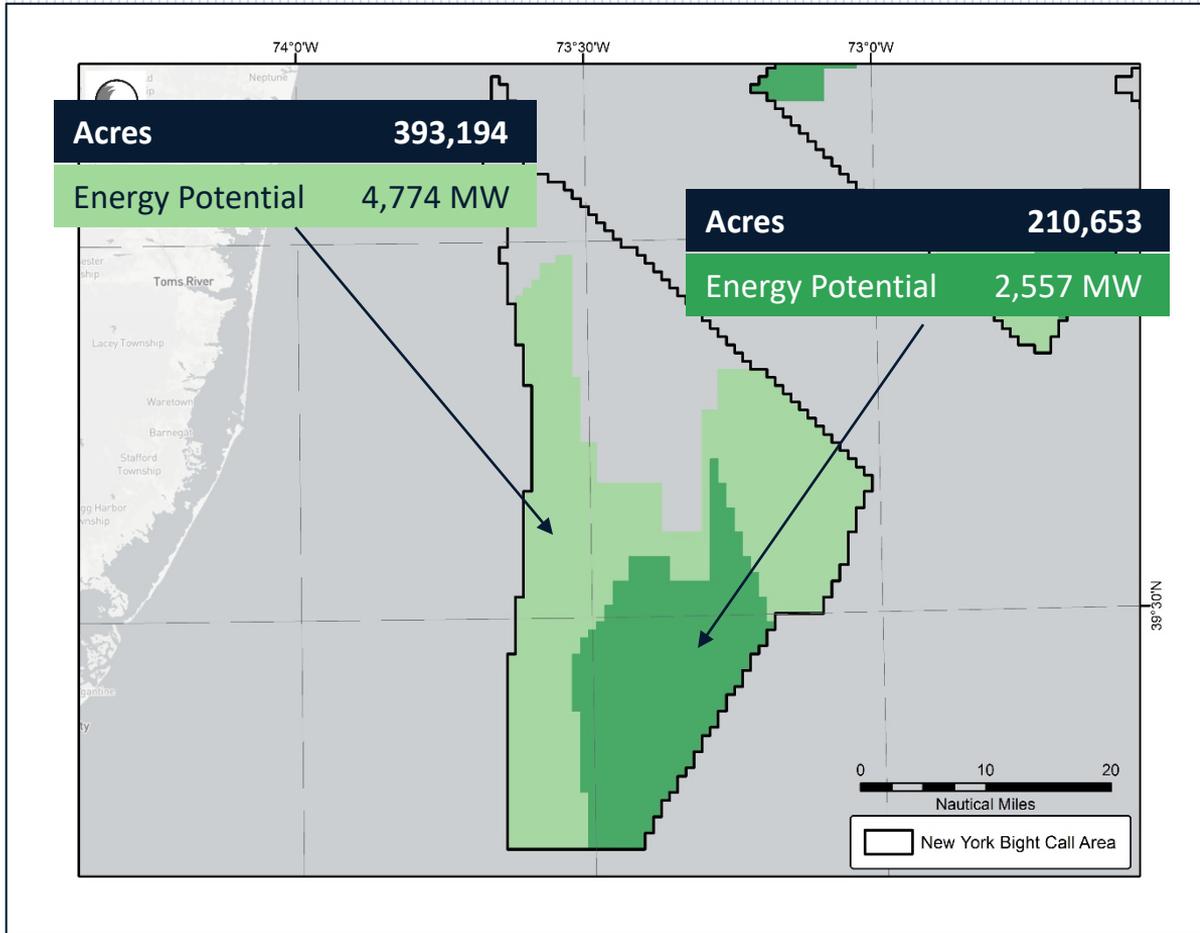
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The Road Ahead

- **Early 2019** – Announcement of **FINAL** Wind Energy Areas
- **Summer 2019** – Proposed Sale Notice
- **Late 2019** – Final Sale Notice
- **Early 2020** – Lease Sale

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Hudson North (Primary)

Acres	36,294
Energy Potential (MW)	441

Acres	45,903
Energy Potential (MW)	557

Hudson North (Secondary)

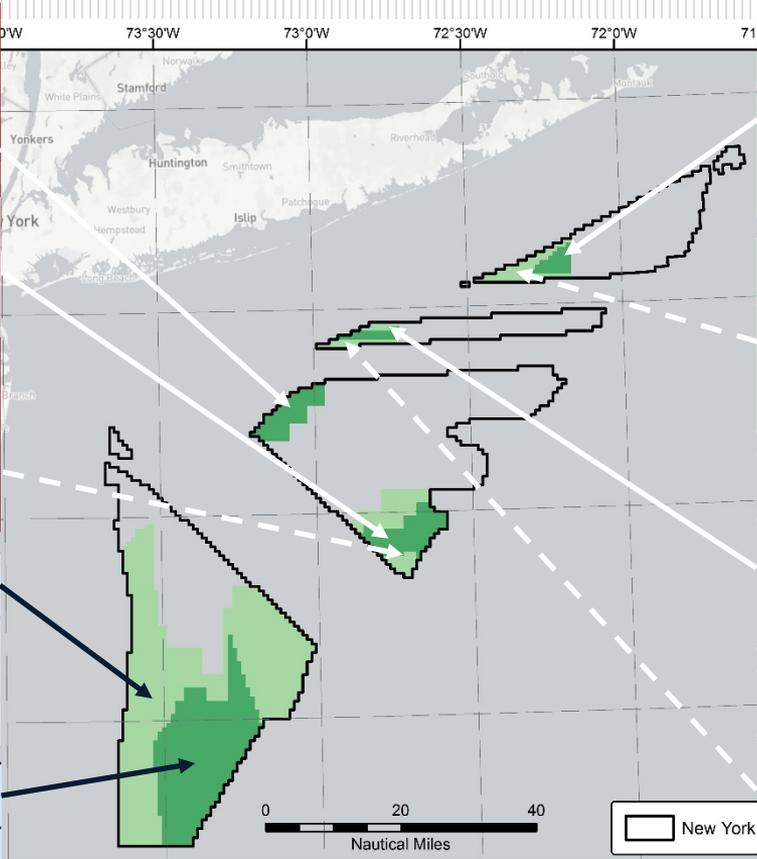
Acres	44,835
Energy Potential (MW)	544

Hudson South (Secondary)

Acres	393,194
Energy Potential (MW)	4,774

Hudson South (Primary)

Acres	210,653
Energy Potential (MW)	2,557



Fairways North (Primary)

Acres	13,166
Energy Potential (MW)	160

Fairways South (Secondary)

Acres	25,976
Energy Potential (MW)	315

Fairways South (Primary)

Acres	9,525
Energy Potential (MW)	112

Fairways South (Secondary)

Acres	14,589
Energy Potential (MW)	177