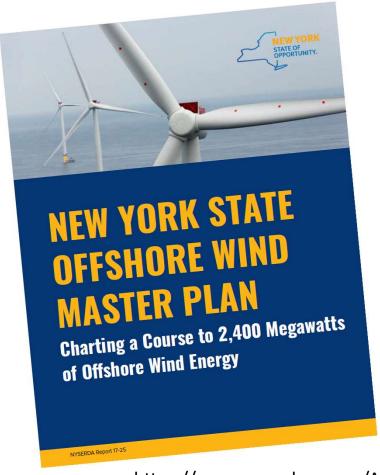
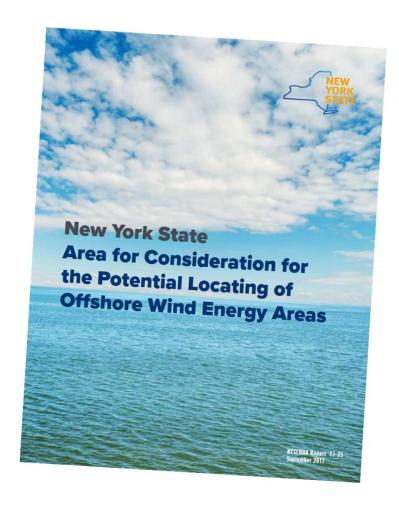


Example: New York





https://www.nyserda.ny.gov/All-Programs/Offshore-Wind/About-Offshore-Wind/Master-Plan

New York State Offshore Wind Master Plan 1.0

- Site identification, leasing strategies and timing
- Site assessment and site characterization pre-development activities
- Cost, benefit, interconnection and other studies
- Analysis and support ongoing Public Service Commission proceedings on offtake and transmission
- Stakeholder and community engagement

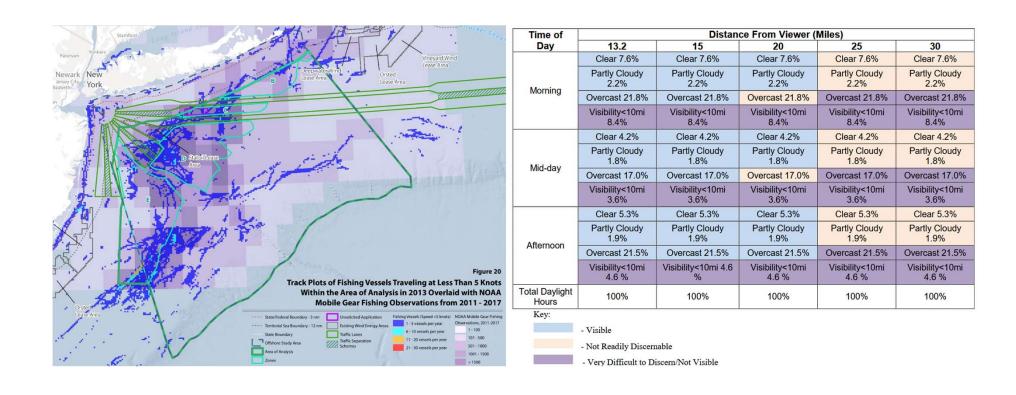
New York State Offshore Wind Master Plan Studies and Reports

- Analysis of Multibeam Echo Sounder and Benthic Survey Data
- 2. Assessment of Ports and Infrastructure
- 3. Aviation and Radar Assets Study
- 4. Birds and Bats Study
- 5. Cable Landfall Permitting Study
- 6. Cables, Pipelines and Other Infrastructure Study 19.
- 7. Consideration of Potential Cumulative Effects
- 8. Cultural Resources Study
- 9. Environmental Sensitivity Analysis
- 10. Fish and Fisheries Study
- 11. Health and Safety Study
- 12. Marine Mammals and Sea Turtles Study
- 13. Marine Recreational Uses Study

- 14. Offshore Wind Injection Assessment
- 15. Preliminary Offshore Wind Resource Assessment
- 16. Sand and Gravel Resources Study
- 17. Shipping and Navigation Study
- 18. U.S. Jones Act Compliant Offshore Wind Turbine Installation Vessel Study
- 19. Visibility Threshold Study
- 20. The Workforce Opportunity of Offshore Wind in New York
- A. Area for Consideration for the Potential Locating of Offshore Wind Energy Areas
- B. Offshore Wind Policy Options Paper
- C. Outreach and Engagement Summary
- D. Table of Permits and Approvals

Hot Issues: Fishing & Visibility

Studies and Outreach for Stakeholders

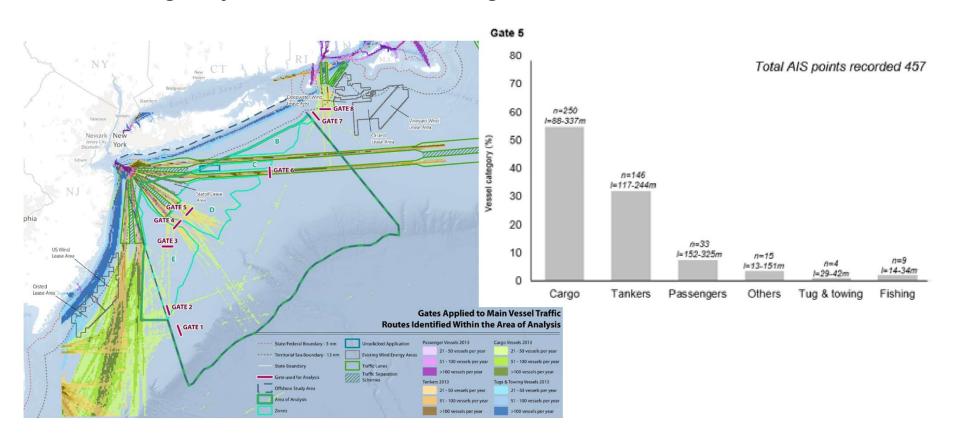


Environmental Sensitivity

Quantifiable analysis			N.J.	
Receptor	Pre-construction Weight	Construction Weight	Post-construction Weight	
Low-Frequency Cetaceans	4	5	5	
Mid-Frequency Cetaceans	4	5	4	
High-Frequency Cetaceans	5	5	4	
Pinnipeds	2	3	1	
North Atlantic Right Whales	4	5	5	
Sea Turtles (Loggerheads)	3	3	3	
Birds	1	4	4	Figure 13 Construction Annual
Corals	2	2	1	Environmental Weighting Analysis Results
Essential Fish Habitat	2	2	2	Coffshow Study Area Area of Analysis — 100 m and 000 m Depth Contour
Fish Species	3	4	1	State/Federal Boundary - 3 nm
			RESULTS	Construction Input Height N. Line - Trailestory of Locations - 11th Line - Locati

Shipping and Navigation Study

Scales, insights from new methodologies



Site Assessment & Characterization

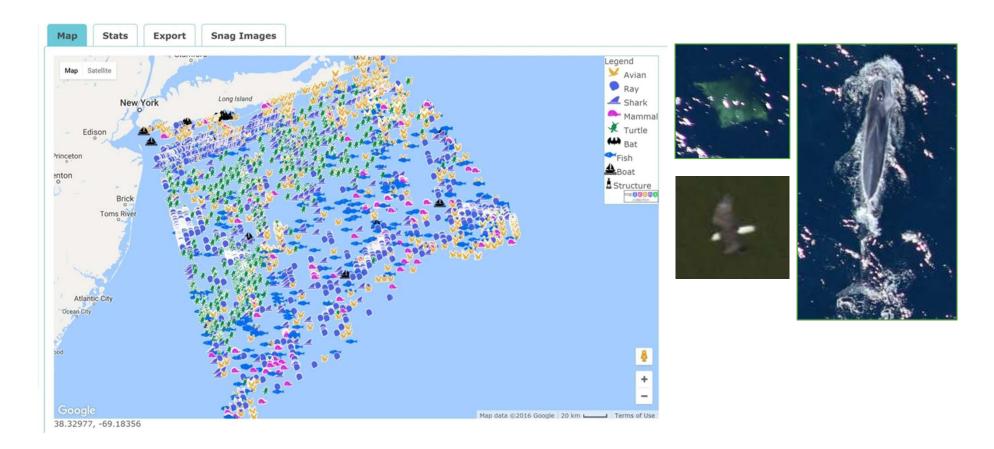
Pre-power procurement, increase developer interest, reduce timelines and costs



- Metocean Measurements
- Acoustic Surveys
- Oceanographic Surveys
- Geophysical Surveys
- Geotechnical Surveys
- Onshore Surveys & Land Use
- Aerial Surveys
- Endangered Species Assessment

Aerial Survey

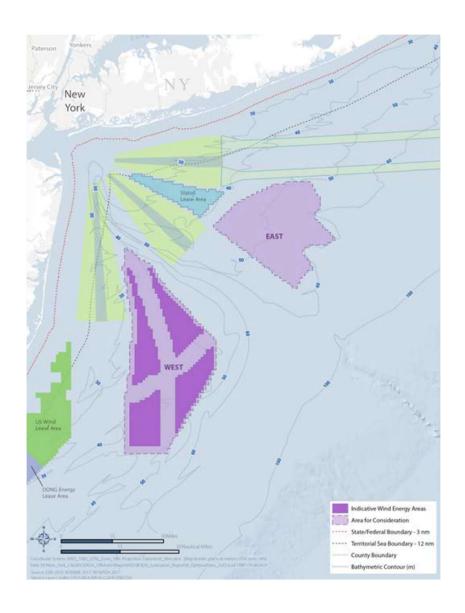
Baseline Data



Area of Consideration and Indicative Wind Energy Areas

Requests to meet state targets

- Minimum number of WEAs
- Minimum area/capacity per WEA



Recommendations

- More detail to stakeholders early If stakeholders learn about the extents of projects in the Construction and Operations (COP) approval stage, it is too late for meaningful change
- Ensure your data analysis and visualization convey meaningful insights, effectively highlight key findings and are easy to understand – Studies can go beyond BOEM's work, avoid qualitive results when possible
- Avoid contentious areas Opposition will never go away
- Leave some capacity in each WEA on the table Additional turbine positions will allow BOEM more options and flexibility for Alternatives to the Proposed Action for visibility, fishing and other concerns that develop
- Study moorings, cables and floating specific issues (WEA shapes, fishing impacts, etc.)