



DOD Military Aviation and Installation Assurance Siting Clearinghouse



Steven Sample
Executive Director

Email: steven.j.sample4.civ@mail.mil
Clearinghouse Website: www.acq.osd.mil/dodsc



Clearinghouse Concept of Operations

OASD (Energy, Installations and Environment)

- A Single DoD Voice
 - Parallel multi-service review of energy projects
 - Timely, repeatable, predictable process
 - Support renewable energy where compatible with military missions
 - Oversight and coordination of review and response process
 - Outreach and early consultation with industry, local, state, and Federal stakeholders



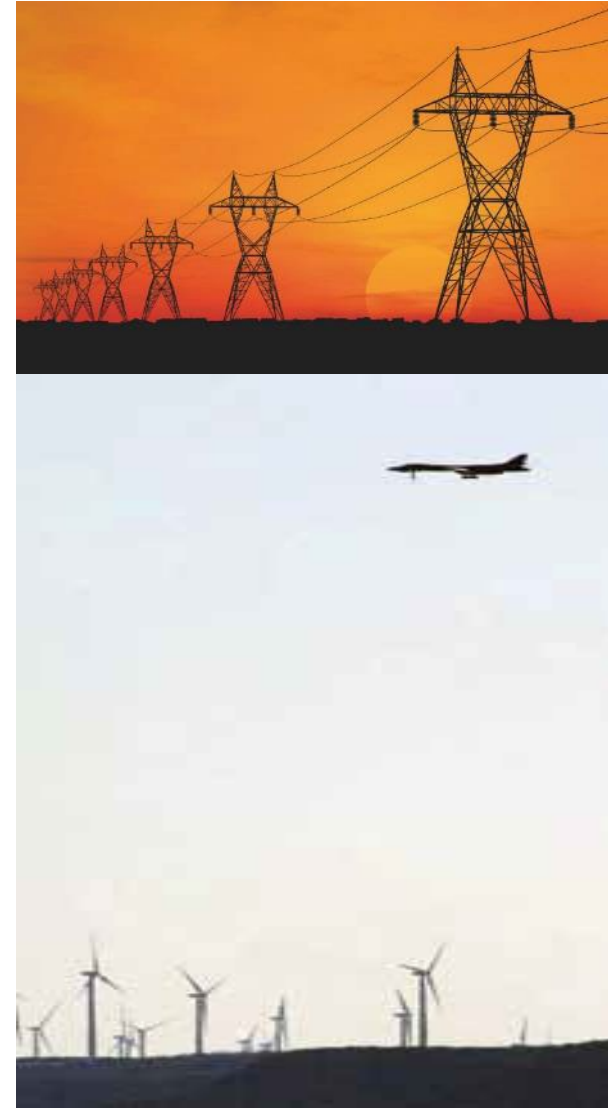


ENERGY, INSTALLATIONS,
AND ENVIRONMENT

Typical Energy Siting Concerns from Wind Turbines

OASD (Energy, Installations and Environment)

- Radar/Wind Turbine Interference
 - Military and FAA Air Traffic Control
 - DoD unique Radars
 - Weather Radar (NEXRAD)
- Low-level Flight Obstruction
- Vessel Obstruction
- Lighting
- Foreign investment and security
- ICBM Impacts



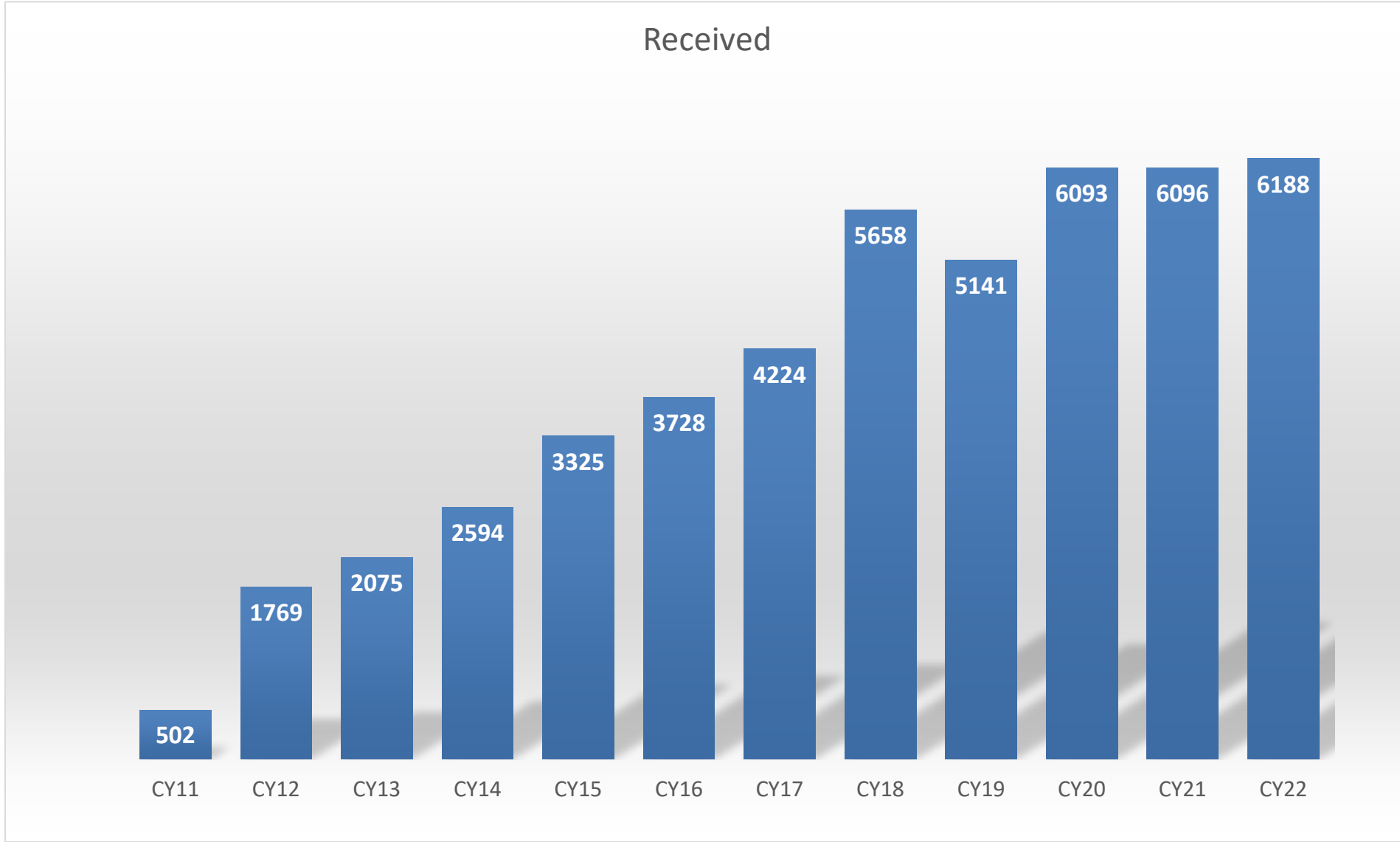


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All Energy Projects via the FAA

Wind, Solar, Transmission and Utility

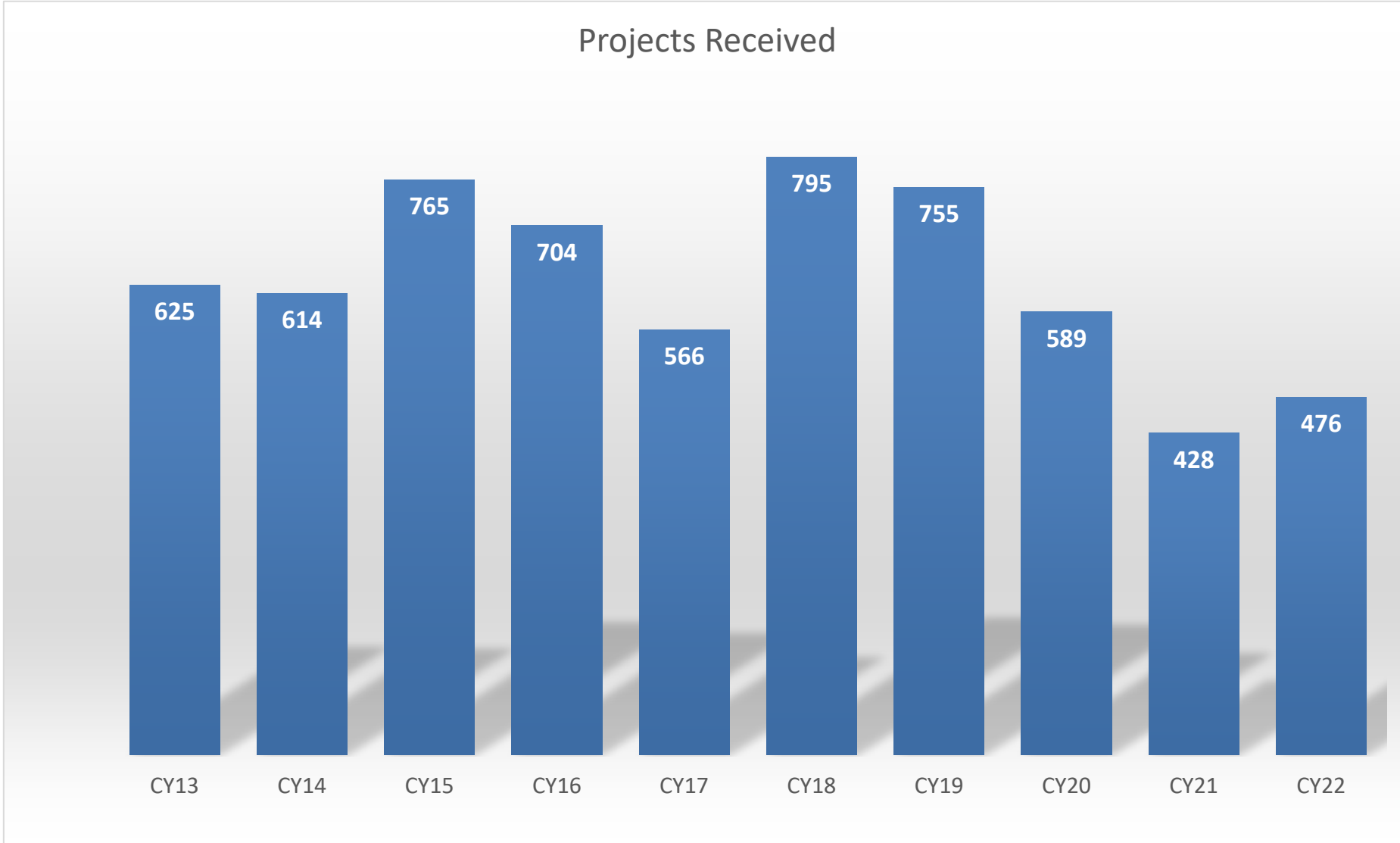
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Wind Projects via the FAA

OASD (Energy, Installations and Environment)

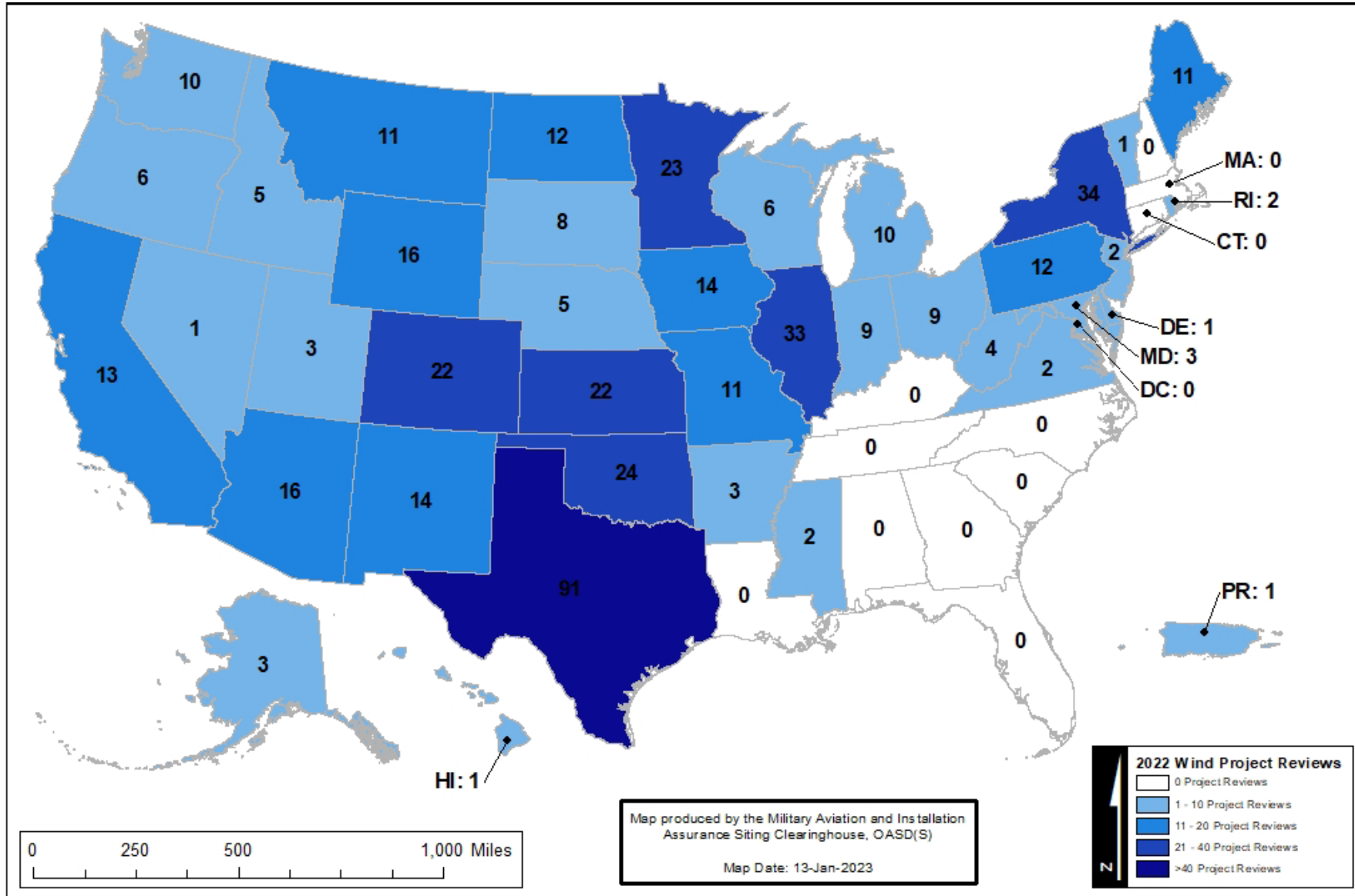




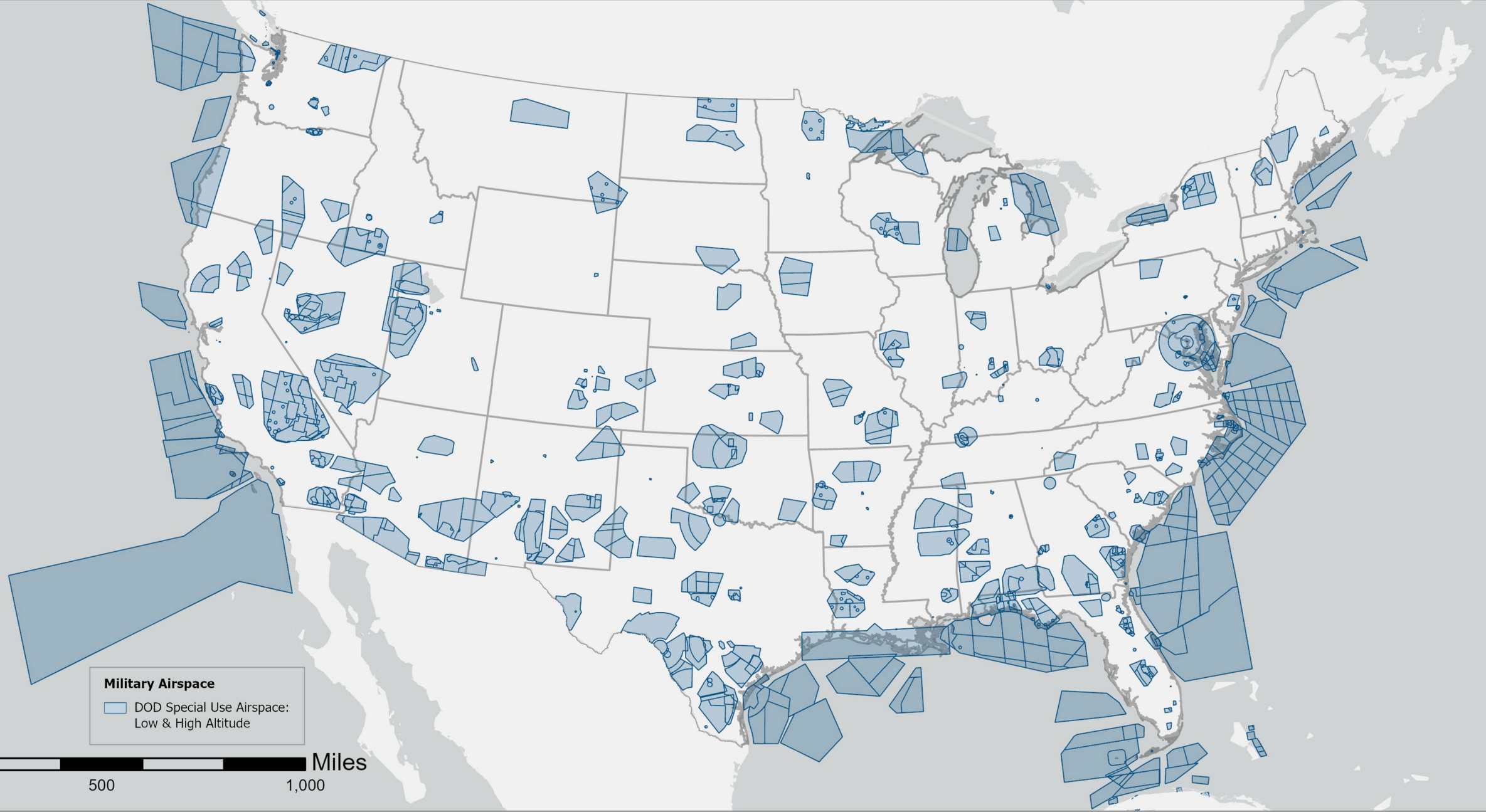
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AND ENVIRONMENT

CY2022 Siting Clearinghouse Project Reviews Wind Turbines and Meteorological Data Towers

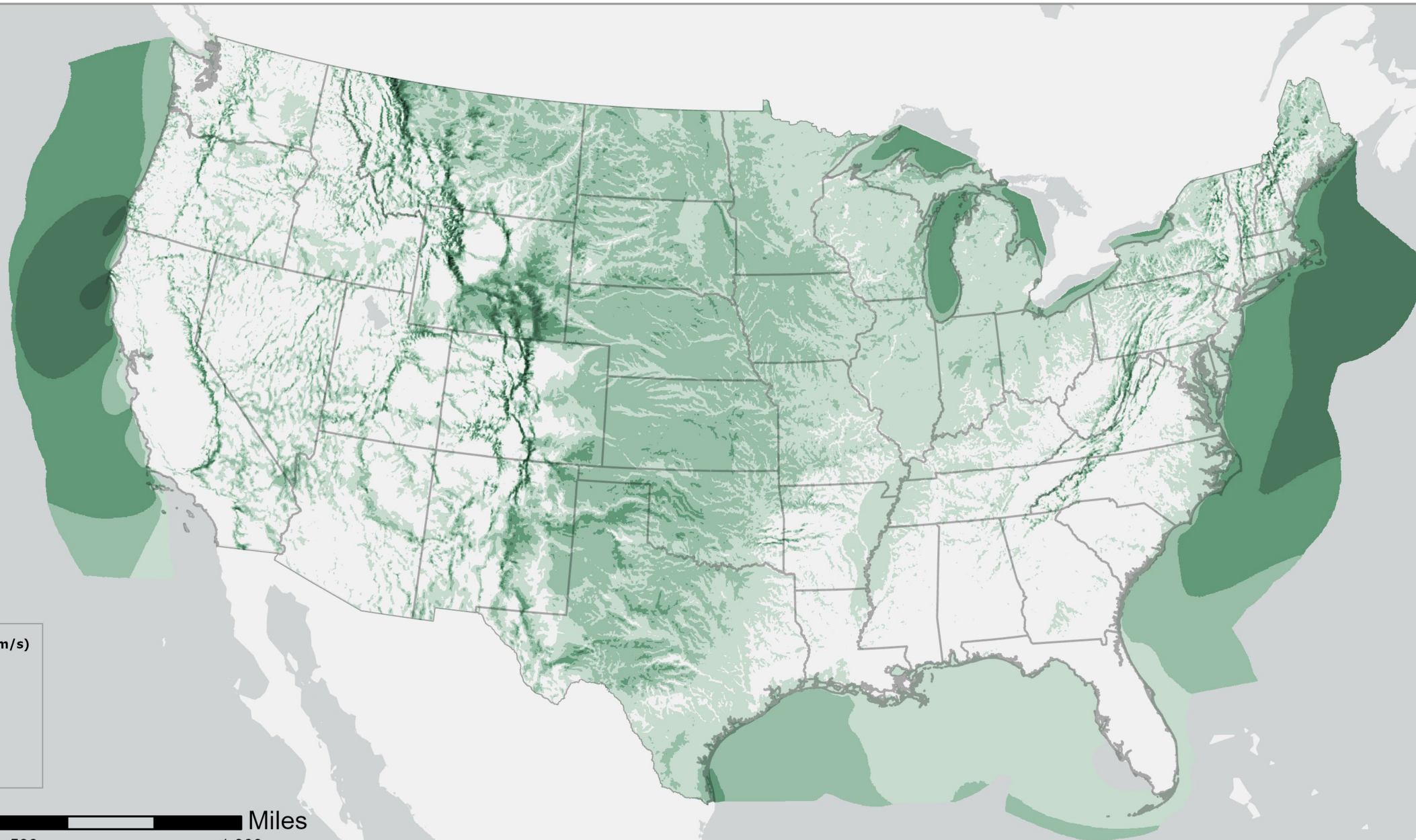
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Military Airspace



Wind Speed at 100 Meters



Average Wind Speed (≥ 6 m/s)

- 12+ m/s
- 11 - 11.99 m/s
- 10 - 10.99 m/s
- 9 - 9.99 m/s
- 8 - 8.99 m/s
- 7 - 7.99 m/s
- 6 - 6.99 m/s



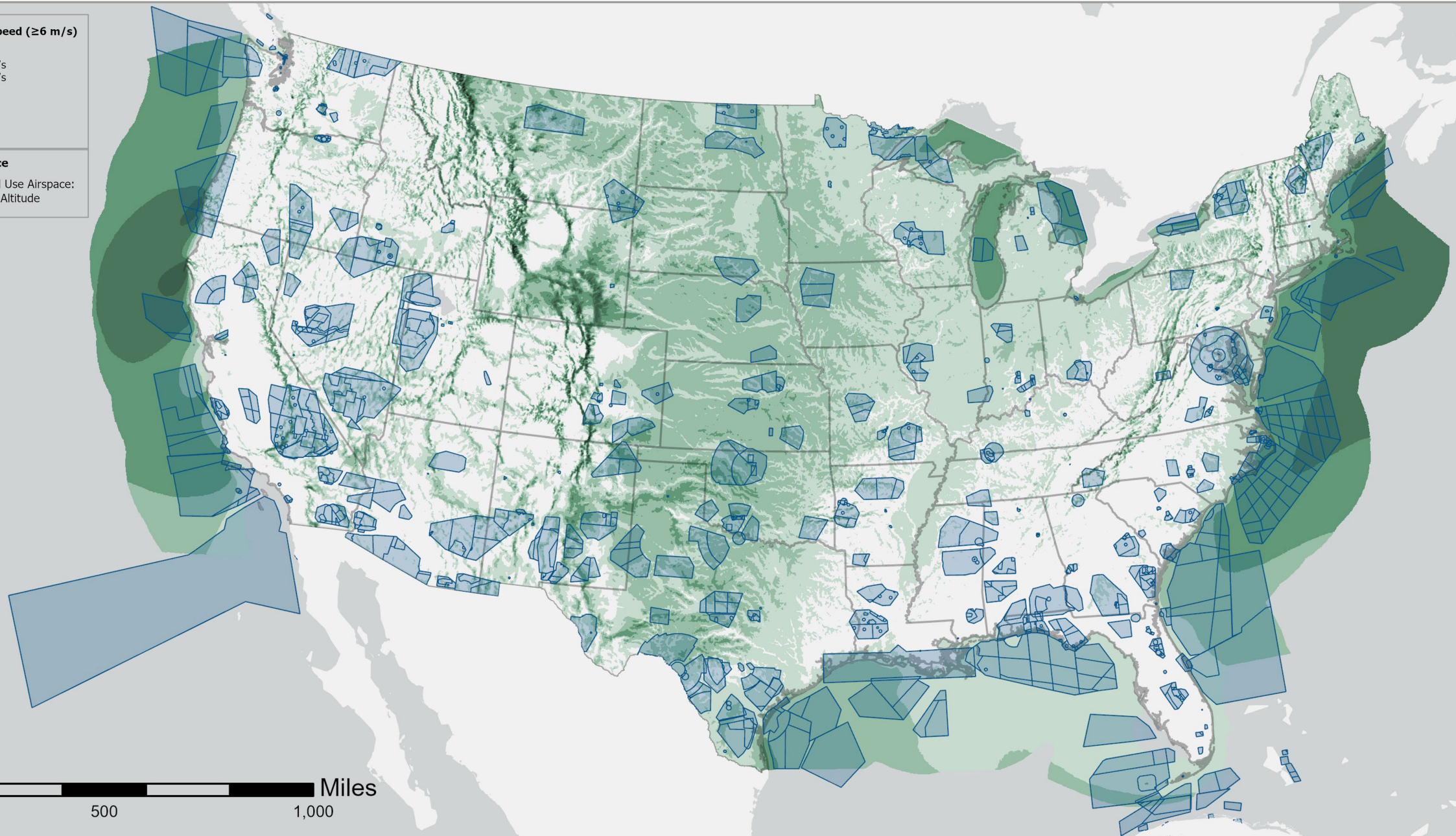
Wind Speed at 100 Meters and Military Airspace

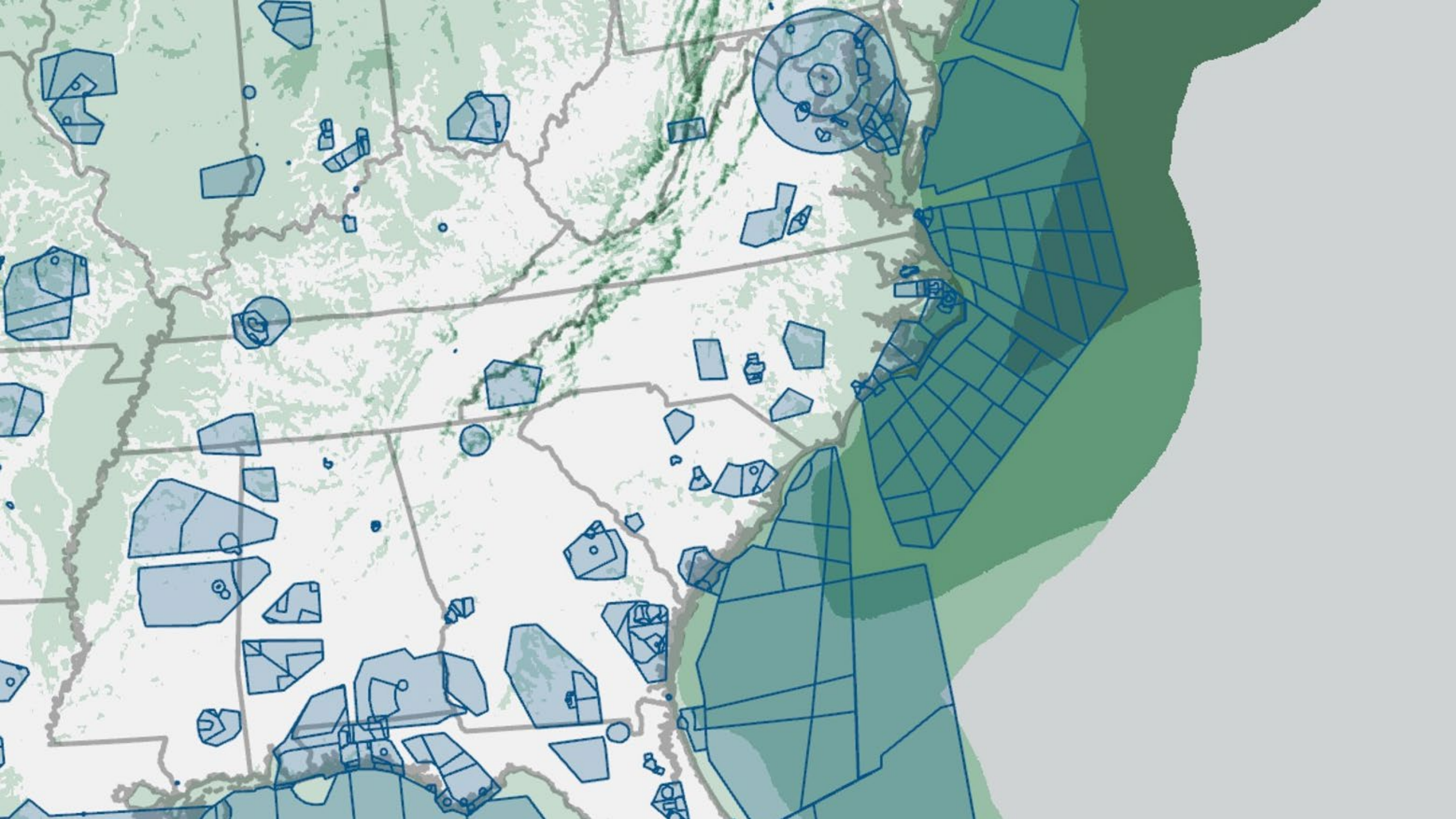
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Military Airspace

- DOD Special Use Airspace: Low & High Altitude



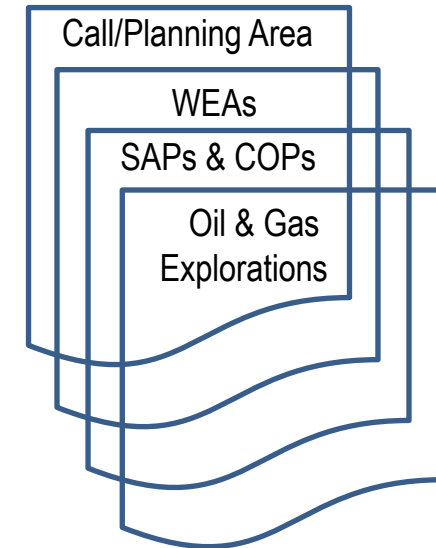




Offshore Project Review Process

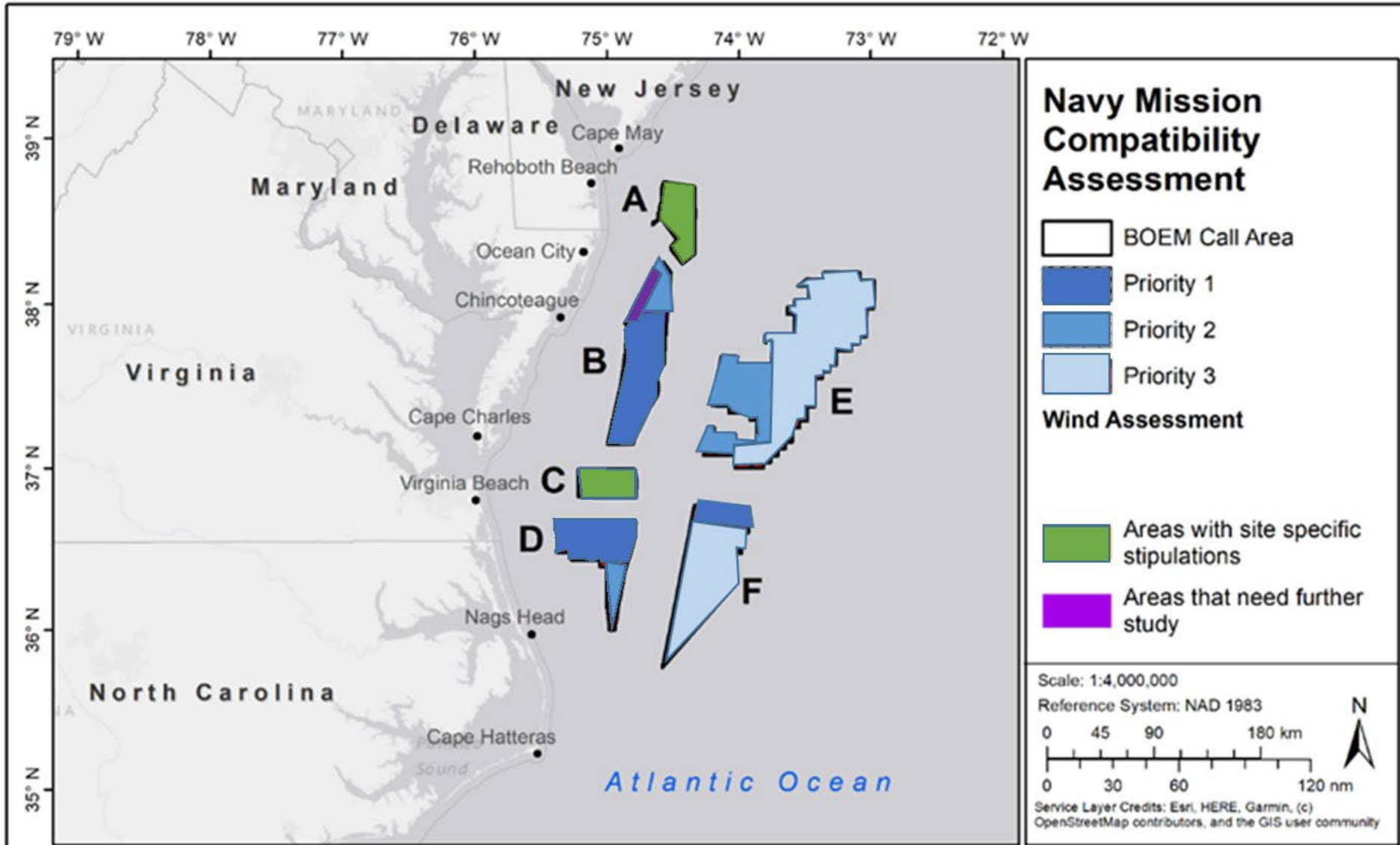
OASD (Energy, Installations and Environment)

- Bureau of Ocean Energy Management (BOEM) manages development of energy and mineral resources off the U.S. Outer Continental Shelf
- BOEM coordinates reviews with the DoD on all offshore energy efforts
- Clearinghouse coordinates review with among all DoD stakeholders
- Assessments at all stages include any requested mitigations other required actions to overcome impacts
- The Clearinghouse ensures military testing, training and operations are protected from incompatible energy development





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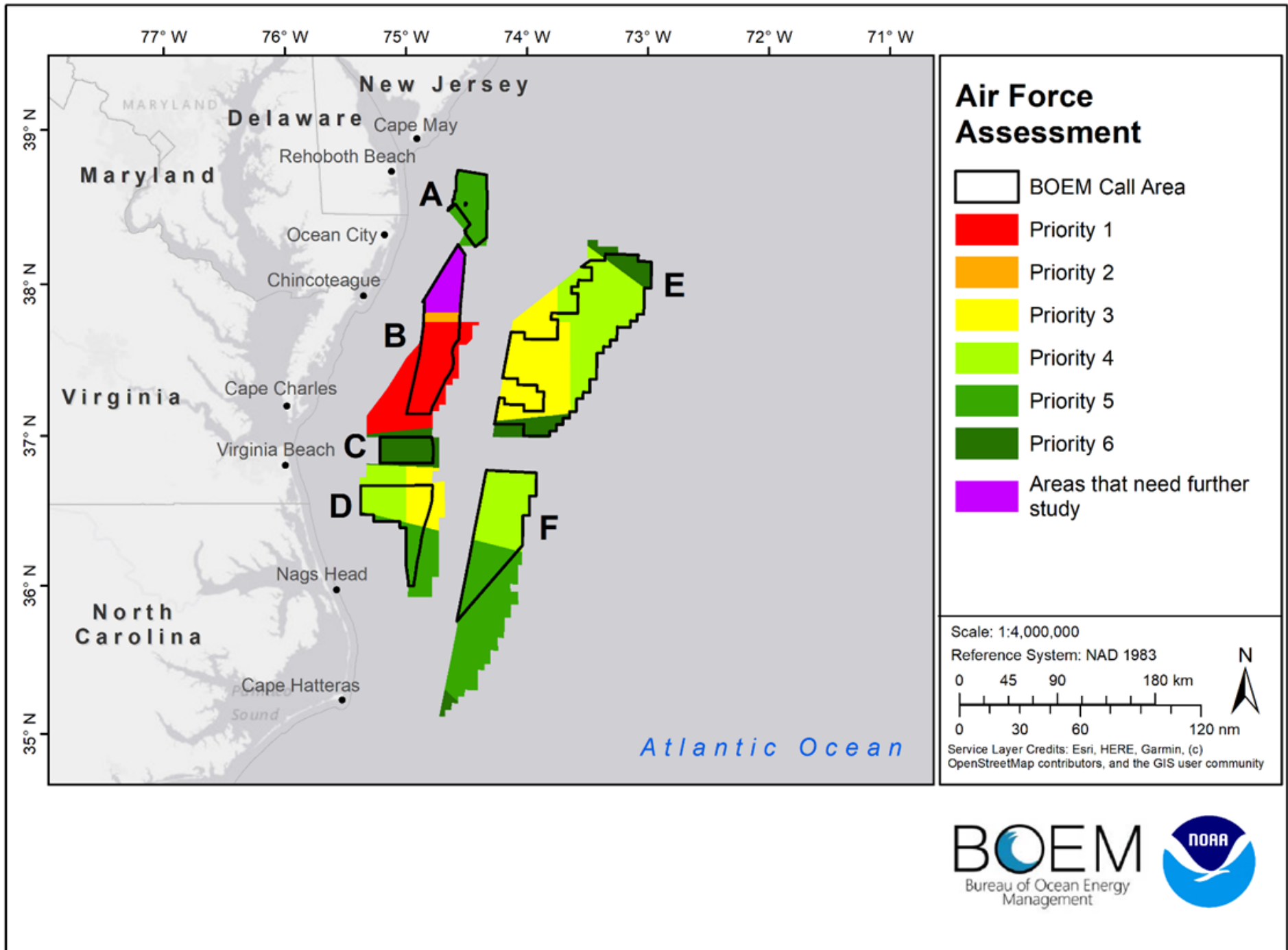


BOEM
Bureau of Ocean Energy
Management





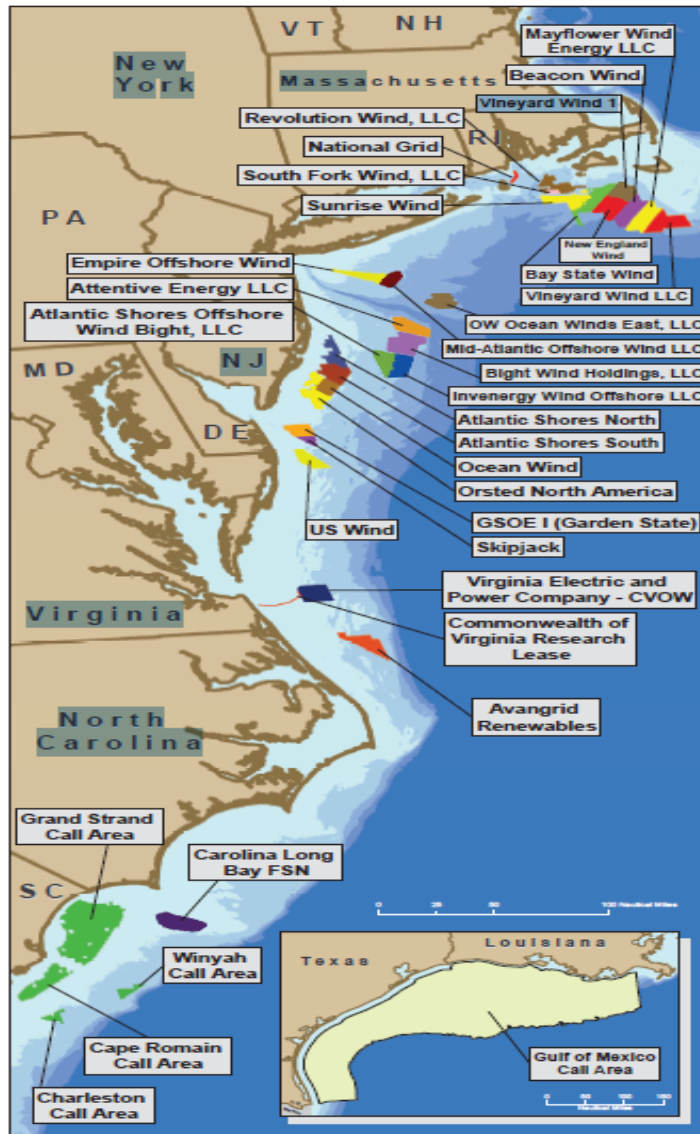
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OCS Proposed Wind Projects / Call Areas

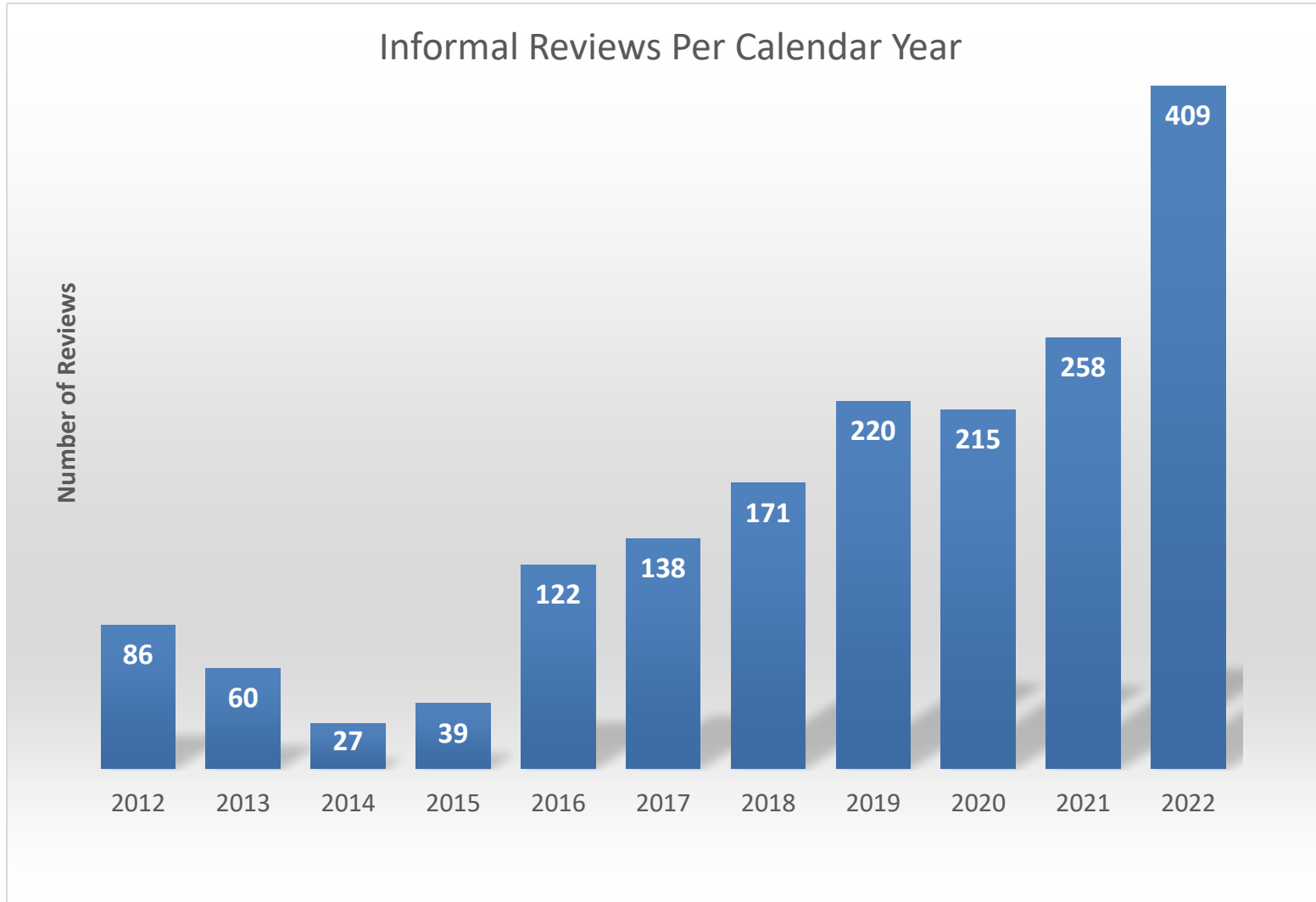
OASD (Energy, Installations and Environment)





Informal Reviews

OASD (Energy, Installations and Environment)





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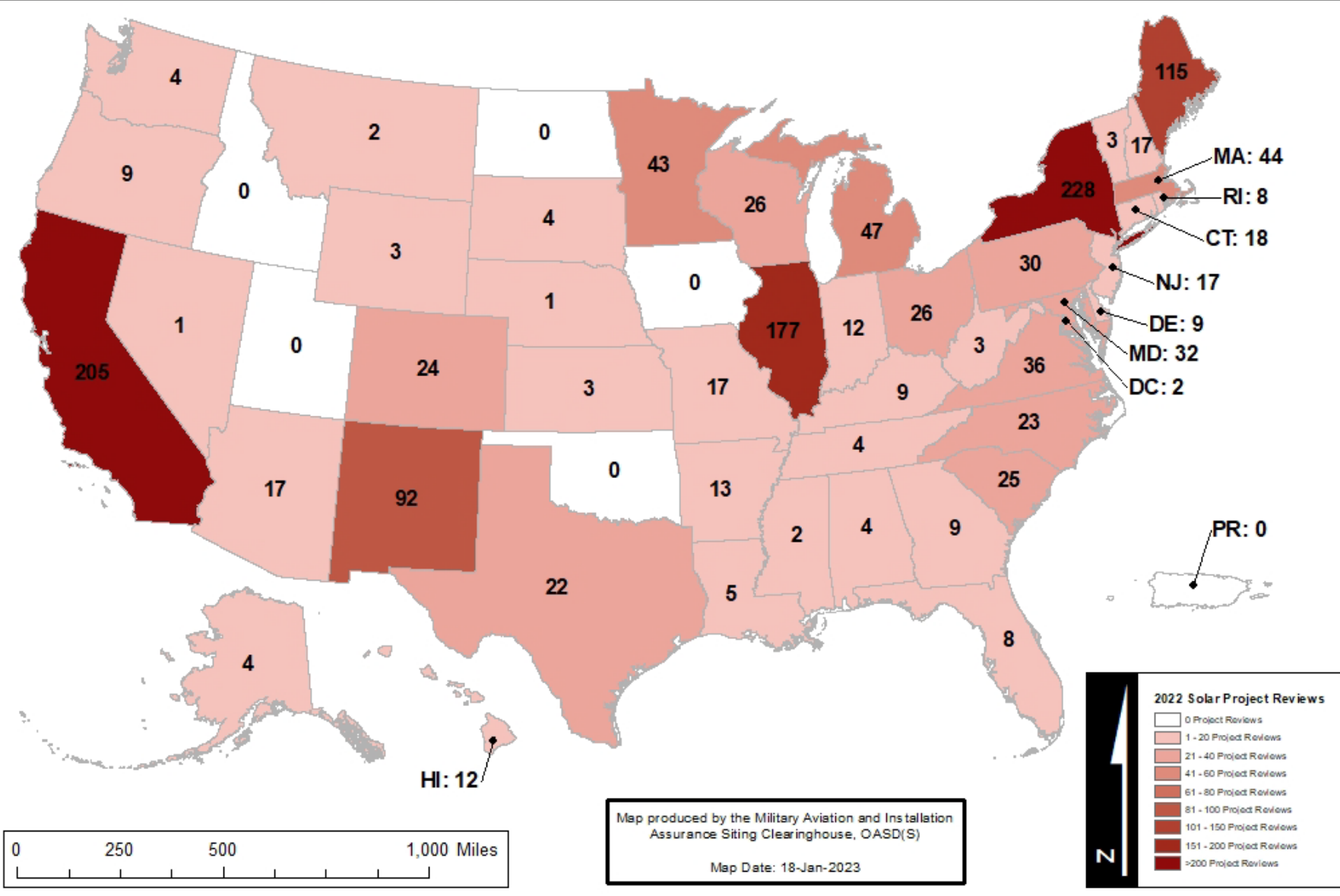


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CY 2022 Siting Clearinghouse Project Reviews

Solar Energy Projects





Wind Turbines Built 2005-2020

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