



SUSTAINMENT

OASD (Sustainment)

Department of Defense Initial Gulf of Maine Review

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Steve Sample

Executive Director

DoD Military Aviation and Installation Assurance

Siting Clearinghouse

osd.dod-siting-clearinghouse@mail.mil



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Clearinghouse Concept of Operations

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- 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





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Typical Energy Siting Concerns from Wind Turbines

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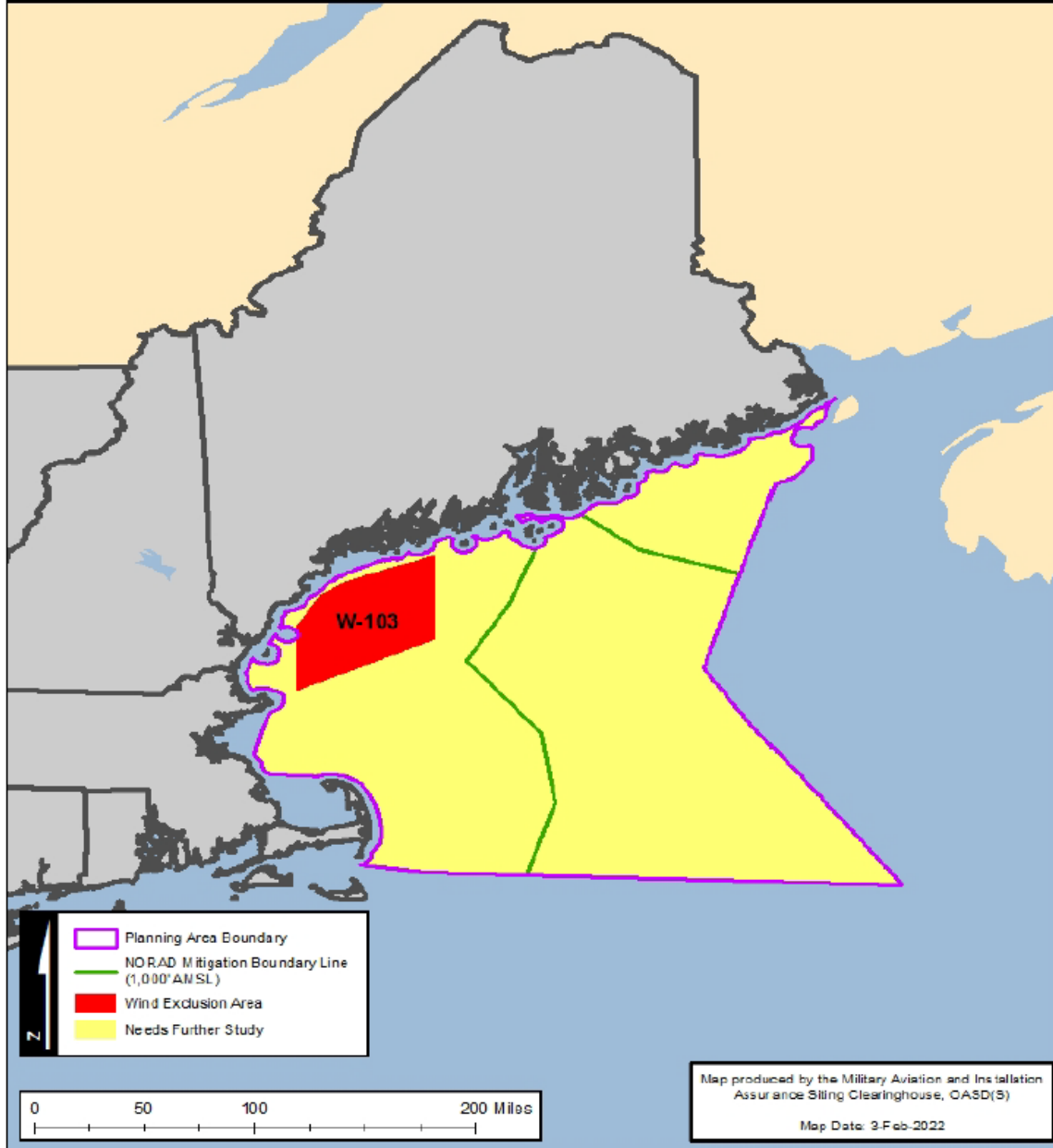
- Radar/Wind Turbine Interference
 - Military and FAA Air Traffic Control
 - DoD unique Radars
 - Weather Radar (NEXRAD)
- Low-level Flight Obstruction
- Lighting
- Foreign investment and security
- ICBM Impacts





Gulf of Maine Renewable Energy Planning Area

DoD Assessment





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Gulf of Maine Overview of Compatibility Challenges

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- Long Range Radar
 - Software Optimization Likely to be Solution
- Obstruction of Shipbuilding Activities: Sea Trials
 - DoD to remain engaged to review more specific proposals to minimize impacts
- Command and Control Interference
 - DoD to remain engaged to review more specific proposals to minimize impacts
- Flight Training with Hazardous Activity
 - Preference is to avoid W-103 Airspace



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DoD Informal Reviews

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- Confidential
- 50 days for an answer
- Potential agreement to codify solutions

<https://www.acq.osd.mil/dodsc/>



Military Aviation and Installation Assurance Siting Clearinghouse
Office of the Assistant Secretary of Defense for Sustainment







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Impact of Energy Development on National Defense Missions

Military Aviation and Installation Assurance Siting Clearinghouse (The Clearinghouse) works with industry to overcome risks to national security while promoting compatible domestic energy development. Energy production facilities and transmission projects involving tall structures, such as wind turbines, solar power towers and panels, and electrical transmission towers, may degrade military testing and training operations. In the national system of ground-based surveillance radars, the creation of "clutter" generated from wind turbines can present a hazard to air safety and surveillance. Wind turbines located near military test and training ranges can also impact airborne military radar capabilities. Likewise, solar systems may present hazards to aircraft and air traffic control tower operations due to possible "glint" or longer duration "glare" reflecting off of panels. Finally, the electromagnetic interference from electricity transmission lines can impact critical DoD testing activities.

Mission Compatibility Evaluation Process

The DoD's Mission Compatibility Evaluation (MCE) process provides a timely, transparent, and science-based analysis of potential impacts to military operations. Once impacts are identified, the DoD works to identify mitigation strategies to minimize those impacts.

The Clearinghouse acts as a single point of contact for Federal agencies; State, Indian tribal, and local governments; developers; and landowners, and provides a central forum for internal staffing. This website is a central location to provide information and act as a resource to assist interested individuals and organizations understand the mission impacts of proposed energy projects near military activities, and the Department's MCE process, procedures, and mitigation opportunities.

Our systematic process is defined in Part 211 of Title 32 of the Code of Federal Regulations.

Mission Statement

Protect the DoD's mission capabilities from incompatible energy development by collaborating with DoD Components and external stakeholders to prevent, minimize, or mitigate adverse impacts on military training, testing, and readiness operations.

Office of the Assistant Secretary of Defense for Sustainment (S)

The Clearinghouse office is part of the Office of the Deputy Assistant Secretary of Defense for Real Property. To obtain more information on Sustainment, please follow <https://www.acq.osd.mil/log/index.html>

MILITARY AVIATION and INSTALLATION ASSURANCE SITING CLEARINGHOUSE
3400 Defense Pentagon, Room 5C048, Washington, DC 20301 - 3400
osd.dod-siting-clearinghouse@mail.mil

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