



Minerals Management Service Virginia Task Force

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SECNAV Energy Goals



1. Acquisition Excellence

- ***Incorporate “green” evaluation factors when awarding contracts for systems and facilities***
 - Lifecycle energy costs
 - Fully-burdened cost of fuel
 - Incentives for contractor’s “energy footprint”

2. Sail the “Great Green Fleet”

- ***DON will demonstrate a Green Strike Group in local operations by 2012 and sail it by 2016***
 - Nuclear vessels
 - Surface combatants using biofuels with hybrid electric power systems
 - Aircraft flying on biofuels

3. Reduce Petroleum Use in Non-Tactical Vehicles

- ***By 2015, DON will reduce petroleum use in the commercial fleet by 50 percent***
 - Flex fuel vehicles
 - Hybrid electric vehicles
 - Neighborhood electric vehicles

4. Increase Alternative Energy Ashore

- ***By 2020, DON will produce at least 50 percent of shore-based energy requirements from alternative sources (solar, wind, ocean, biomass, and geothermal)***
- ***By 2020, 50 percent of all shore installations will be Net Zero energy consumers***

5. Increase Alternative Energy Use Department-wide

- ***By 2020, 50 percent of total DON energy consumption will come from alternative sources***
- ***Includes energy consumption for ships, aircraft, tanks, vehicles, and shore installations***



Goal 1: Acquisition Excellence



DoD is the nation's largest single energy consumer, accounting for 2.0% of U.S. energy consumption

- Determine how to effectively identify and capture the risk from U.S. operational energy demand in the legacy and future force**
- Determine best approaches to inform force planning, requirements development, and acquisition trade-space decision-making**





Goal 2: Reduce Petroleum Use





Goal 3: Sail the Great Green Fleet





Fly the Green Hornet





Goal 4: Increase Alternative Energy Use Ashore



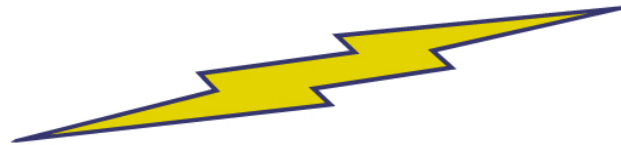


Goal 5: Increase Alternative Energy Use Navy-wide





Questions?



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