



SECNAV ENERGY GOALS



Overview:

As the U.S. government is working to reduce energy consumption and lead the Nation toward greater energy security, the Secretary of the Navy (SECNAV) has outlined five energy goals. These goals seek to enhance our combat capability and to address a significant military vulnerability: reliance on foreign sources of fossil fuels.

Increase Alternative Energy Use Department of the Navy (DON)-wide:

By 2020, 50 percent of total DON energy consumption will come from alternative sources.

- Decrease energy consumption through installation of energy efficient technologies and development of policies that encourage energy awareness and conservation.
- Continue aggressive pursuit by Marine Corps of technologies that will help achieve greater energy efficiency while increasing combat effectiveness in the theater.
- Partner with industry, commercial aviation, and other government agencies to develop a demand signal to alternative fuel industry and encourage growth of a domestically produced cost competitive advanced biofuel industry.

Increase Alternative Energy Ashore:

By 2020, DON will produce at least 50 percent of shore-based energy requirements from alternative sources; 50 percent of DON installations will be net zero.

- Continue installation of energy efficient upgrades to buildings and facilities.
- Encourage military members and families to conserve energy through incentives and other programs to empower them to save and be aware of their own energy consumption.
- Produce or consume one Gigawatt of new, renewable energy to power naval installations around the world using existing authorities such as PPAs, enhanced use leases, and joint ventures.

Sail the "Great Green Fleet:"

By 2012, DON will demonstrate a Great Green Fleet in local operations and sail it by 2016.

- Complete advanced biofuel blend testing of all Great Green Fleet components by the end of FY 2012, building upon Navy's successful test of the F/A-18 E/F Super Hornet, RCBX (small assault craft), MH-60S Seahawk helicopter, MV-22 Osprey, T-45 training aircraft, F/A-18 C/D legacy Hornet, EA-6B Prowler, MQ-8B Fire Scout unmanned aircraft, AV-8 Harrier, the Self Defense Test Ship, and USS Ford on alternative fuels.

Reduce Non-Tactical Petroleum Use:

By 2015, DON will reduce petroleum use in the commercial vehicle fleet by 50 percent.

- Increase purchase and use of flex fuel vehicles, hybrid electric vehicles, and neighborhood electric vehicles.
- Expand alternative fuel infrastructure to support these vehicles.

Energy Efficient Acquisition:

Evaluation of energy factors will be mandatory when awarding contracts for systems and buildings.

- Create a standardized process for determination of lifecycle energy costs, fully-burdened cost of energy and other energy related characteristics of potential platforms, weapons systems, and buildings.
- Encourage contractors to minimize energy footprint and factor energy into the acquisition decision making process.