



# RHUMB LINES

*Straight Lines to Navigate By*



October 7, 2011

## Department of the Navy Celebrates National Energy Awareness Month

*"Using alternative energy and changing the way we use and produce energy will allow us to remain the most formidable expeditionary fighting force the world has ever known. It is the Navy and the Marine Corps' ethos to innovate, adapt and, ultimately, come out on the other side victorious."*

– Secretary of the Navy Ray Mabus

The Department of the Navy (DON) participates in [National Energy Awareness Month](#), demonstrating our commitment to enhancing energy independence, warfighting capabilities and energy security. As a U.S. government leader in energy security, the secretary of the Navy outlined [five energy goals](#) which seek to enhance and better enable our combat capabilities, sustain the environment for future generations, and promote a clean energy economy.

### SECNAV Energy Goals

- **Increase Alternative Energy Use DON-Wide** – By 2020, 50 percent of total DON energy consumption will come from alternative sources.
- **Sail the “Great Green Fleet”** – DON will demonstrate a Green Strike Group in local operations by 2012 and sail it by 2016. This strike group will consist of nuclear ships, conventional and hybrid ships, and [aircraft](#) operating on biofuel.
- **Reduce Non-Tactical Petroleum Use** – By 2015, DON will reduce petroleum use in the commercial vehicle fleet by 50 percent.
- **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.
- **Energy Efficient Acquisition** – Evaluation of energy factors will be mandatory when awarding contracts for systems and buildings.

### Department of Navy Energy Initiatives

- In August, [President Obama announced the U.S. Departments of Agriculture, Energy and the Navy](#) will invest up to \$510 million during the next three years in partnership with private sector organizations to produce advanced drop-in aviation and marine biofuels to power military and commercial transportation.
- In fiscal year 2012, every building built by DON will have a [Leadership in Energy and Environmental Design \(LEED\) Gold](#) option, and by fiscal year 2013 every building built will be mandated to be LEED Gold. The Marine Corps will invest more than \$200M in Operations & Maintenance funding for repairs and minor construction to improve energy efficiency in fiscal year 2012.

### Key Messages

- Energy efficiency increases mission effectiveness. Efficiency improvements minimize operational risks, saving time, money and lives.
- Energy security is critical to mission success. Energy security safeguards our energy infrastructure and shields the Navy and Marine Corps from a volatile energy supply.
- Alternative fuels afford the Navy with an off-ramp to petroleum, providing increased insulation from a volatile petroleum market.
- Investments in energy efficient technologies afloat and ashore lessen dependence on fossil fuels and reduce green house gas emissions.

### Facts & Figures

- The [Naval Energy Forum](#), Oct. 13-14, emphasizes the importance of energy as a [tactical advantage to the warfighter](#) for enhanced combat capability.
- The Department of Defense uses 90 percent of all the fossil-fuel energy the federal government uses – nearly 2 percent of all the energy that America uses.
- In the last year, eight different platforms have operated on alternative fuel including, the: [Blue Angels](#), [MV-22 Osprey](#), [T-45 training aircraft](#), [RCB-X](#), [M8-Q Fire Scout](#), [EA-6B Prowler](#), [MH-60S Seahawk](#), and [AV-8B Harrier](#).
- For updated information on the Navy’s energy program visit, <http://greenfleet.dodlive.mil/energy>.