

DID YOU KNOW?

Did you know that each and every one of us can help to secure the Navy's energy future?

- Did you know that Secretary of the Navy (SECNAV) announced that by 2020, half of Navy's total energy consumption afloat would come from alternative sources?
- Did you know that ships, aircraft, and tactical vehicles use 84 percent of the energy consumed by the Navy?
- Did you know that the Department of Navy consumes 28 percent of the Department of Defense's operational and shore energy?

From the research student and new recruit, to the activity duty Sailor, government civilian, and contractor, we all can play an important role in sustaining energy security for our Navy.

Your Navy is launching an interactive and dynamic media campaign that will spotlight some of the Navy's most successful energy savings practices while profiling innovative individuals who have successfully contributed to strengthening the Navy's energy security. Get the chance to hear firsthand how your fellow shipmates are personally reducing fossil fuel and implementing new energy and cost saving practices in their daily operations both ashore and afloat in hopes of achieving SECNAV's energy goals.

Be on the lookout for exciting digital publications, videos, mobile apps, and more. This is not just an awareness campaign—it's an opportunity for two-way dialogue and feedback. We want to hear from you. Please send us your ideas at <http://greenfleet.dodlive.mil/energy/energy-efficiency-idea>.



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DID YOU KNOW?

Did you know the USS Makin Island (LHD-8) saved the Navy more than \$10 million by setting its electric motors at low speed?



How did I save energy for the Navy?

My shipmates and I saved the Navy about 10 million dollars in fuel costs simply by setting the ship's electric motors at low speed.

Name: Machinist Mate 2nd Class (MM2) Petty Officer Zachary Long

Age: 24

Hometown: Lafayette, Indiana

Job: Assistant Oil King

Command: USS Makin Island

As the Assistant Oil King aboard USS Makin Island, I'm in charge of testing and transferring up to 1.8 million gallons of fuel (F-76), 10,000 gallons of lube oil (2190, 23699, SAE 40) and 165,000 gallons of potable water every day. I transfer the fuel necessary to run the gas turbines and diesel generators. The speed the ship travels determines how much fuel I need to transfer.

Setting the ship's electric motors at low speed enables us to burn less fuel, which in turn saves the Navy money—more than 10 million dollars at last count.

It's important to save fuel because any penny we save can be put toward maintaining our mission readiness. Turning off the lights, saving electricity—it all helps to save fuel. These and other efforts earned the ship a SECNAV Energy Conservation award in 2012. And because of our commitment to saving energy, we say that USS Makin Island is the Navy's first "Toyota Prius."



ENERGY SECURITY ENHANCES COMBAT CAPABILITY

