

Navy Presented with

# Energy Security Award

## Recognized for Ongoing Leadership Through Biodiesel & Other Alternative Fuels

**T**he National Biodiesel Board (NBB) presented the United States Department of the Navy with the National Energy Security Award for Outstanding Energy Leadership through biodiesel.

Biodiesel is a cleaner burning alternative fuel that can be used in any diesel engine in pure form or blended with petroleum diesel. It can be made from any fat or oil, such as soybean oil, produced in the United States. Biodiesel significantly reduces emissions such as carbon monoxide, unburned hydrocarbons and particulate matter. It is nontoxic, biodegrad-

able and essentially free of sulfur and aromatics. Biodiesel offers similar fuel economy, horsepower and torque to petroleum diesel while providing superior lubricity. Today, it is the fastest growing alternative fuel in America, and about 500 major fleets use biodiesel nationwide. Over 450 retail filling stations make various biodiesel blends available to the public, and more than 1,400 petroleum distributors carry it nationwide.

On 13 June 2005, Deputy Assistant Secretary of the Navy (Environment), Donald R. Schregardus, accepted the National Energy Security Award on

behalf of the Navy during the NBB summer board meeting in Washington, DC. Mr. Schregardus was pleased to represent the Department and stated that "biodiesel helps us reduce air emissions, improves performance, and reduces our dependence on foreign sources of oil."

"The U.S. Navy is the largest diesel fuel user in the world, and by taking responsibility for reducing its own use of petroleum, the Navy has demonstrated exceptional leadership in advancing the use of biodiesel and other alternative fuels," said Joe Jobe, NBB executive director. "With the United States importing more than half of its oil needs, turning to domestic energy sources like biodiesel is vital. The U.S. Navy has recognized the importance of increasing domestic energy security by turning to home-grown solutions."

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—Joe Jobe, Executive Director of the National Biodiesel Board

Assistant Secretary of the Navy (Installations and Environment) BJ Penn strongly supports the Department's recent efforts and says "it is essential that the Navy and Marine Corps continue to seek ways to make the use of alternative fueled vehicles more appealing to both buyers and manufacturers." Secretary Penn states that while the recently enacted Biodiesel Policy is a good start, there is more work to be done as the Department of the Navy continues to look for ways to curb vehicle emissions and decrease the nation's dependence on foreign sources of oil. The Department of the Navy hopes to lead by example and search for innovative ways to integrate hybrid-vehicles into everyday life. This award for energy leadership proves that the Department has come one step closer toward this ultimate goal.

Jobe pointed to the following examples of the Navy's leadership role in supporting biodiesel:

- In January 2005, Principal Deputy Assistant Secretary (Installations



As indicated by the words on the side of this bus used at Marine Corps Base Camp Pendleton, CA, the Marine Corps is using clean and alternative fuel and blends (including biodiesel and compressed natural gas) to do its part to reduce tailpipe emissions and improve air quality.

Photo by Dave Cook

and Environment) Wayne Army issued a memorandum that established a policy that most non-tactical diesel vehicles shall operate on a blend of 20 percent biodiesel fuel (B20) whenever possible. This new Navy policy will lead to greater use of the domestically

produced fuel and increase U.S. energy security by reducing dependence on foreign sources of oil.

- In 2003, Naval Base Ventura County in Port Hueneme, CA began a unique pilot program making biodiesel from its own biodiesel processing unit. Eventually, the Navy could send portable biodiesel processing units overseas to produce its own fuel while on missions abroad. This could give the U.S. military a tactical advantage should fuel supplies be compromised.
- Adjacent to the Pentagon and Arlington National Cemetery, the Navy Exchange Quarters "K," located at 801 South Joyce Street in Arlington, VA, offers B20 to government fleets as well as the general public.
- In addition, several Naval facilities use biodiesel including: Navy Public Works Center San Diego, CA; Navy Public Works Center Washington, DC; Navy Public Works Center Pearl Harbor, HI; Naval Air Station Joint Reserve Base Willow Grove, PA;

## Biodiesel & Other Alternative & Renewable Fuel Technologies

The Department of the Navy, with one of the Nation's largest sea-based and (at one time) wind-driven fleets, is now pursuing technologies to bring alternative and renewable fuel technologies closer to reality including biodiesel fuel. For more information about these initiatives, read our article entitled, "Demonstrating New Fuels: Navy Finding Sound Alternatives to Petroleum-Based Fuels" in the fall 2004 issue of *Currents*. Browse the entire *Currents* archive on the Naval Air Systems Command's environmental web site at [www.enviro-navair.navy.mil](http://www.enviro-navair.navy.mil).



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—Mr. BJ Penn,  
Assistant Secretary of the Navy  
(Installations and Environment)



Marine Corps' Southwest Region Fleet Transportation is promoting clean and renewable transportation fuels by using a 20 percent biodiesel blend (B20) in their diesel-powered fleet, including this Ford L9000 tractor truck.

Photo by Dave Cook




Commander Navy Region Northwest, Everett, WA; and Fleet and Industrial Supply Center Puget Sound, Bremerton, WA.

The NBB is the nonprofit trade association for the national trade association representing the biodiesel industry as the coordinating body for research and

development in the U.S. Headquartered in Jefferson City, MO, the mission of the NBB is to increase the demand of commercially produced biodiesel in the U. S. through education, communication, and quality assurance programs and by serving as the national coordinating entity and clearinghouse of information.

tional feedstock and feedstock processor organizations, biodiesel suppliers, fuel marketers and distributors, and technology providers.

Readers can learn more about biodiesel by visiting [www.biodiesel.org](http://www.biodiesel.org). 



A natural gas van provides operational support at the Naval Facilities Engineering Service Center, Port Hueneme, CA.

Founded in 1992 by state soybean commodity groups, who were funding biodiesel research and development programs, the NBB has developed into a comprehensive industry association, which coordinates and interacts with a broad range of cooperators including industry, government, and academia. NBB's membership is comprised of state, national, and interna-

## CONTACTS

**David Cook**  
Naval Facilities Engineering  
Service Center  
805-982-3477  
DSN: 551-3477  
[david.j.cook@navy.mil](mailto:david.j.cook@navy.mil)

**Kurt Buehler**  
Naval Facilities Engineering  
Service Center  
805-982-4897  
DSN: 551-4897  
[kurt.buehler@navy.mil](mailto:kurt.buehler@navy.mil)