

## Department of Navy Energy Program Update: Biofuels and Beyond

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### With Guest Lecturer Mr. Chris Tindal, P.E., CEM

Director for Operational Energy,  
*Office of the Deputy Assistant Secretary of the Navy for Energy*

The Department of the Navy Energy Program is an expansive program that covers Shore Energy for all of the Naval installations and activities, and Operational/Expeditionary Energy for our forward operating bases, ships and aircraft. In 2009, the Secretary of the Navy set in stone five energy goals that every Sailor, Marine, and civilian have been working towards. This presentation will provide an update on the current progress of attaining the goals, and afford an opportunity to engage with senior leadership on energy issues.



Mr. Chris Tindal, P.E., CEM

### Abridged Biography:

Chris Tindal is the Director for Operational Energy working for the Deputy Assistant Secretary of the Navy for Energy. In this position, Chris is in charge of setting energy policy and direction for the Department of the Navy, and promoting alternative fuels and renewable energy resources. Additionally he is developing inter-service and inter-agency relationships throughout the energy field. Chris is the main Department of Navy principal on the Memorandum of Understanding (MOU) with U.S. Department of Agriculture. This pioneering MOU between the agencies is advancing the development of the biofuel industry. Chris Tindal has been a Navy man for over 30 years. He graduated from the U.S. Naval Academy in 1980 with a degree in Mechanical Engineering, and served on Active Duty on two ships in Charleston, South Carolina. He recently retired as a Captain in the Navy Reserves. Chris is a Professional Engineer and a Certified Energy Manager.



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