



DEPARTMENT OF THE NAVY ENERGY PROGRAM



Tom Hicks
Deputy Assistant Secretary of the Navy for Energy



PERCEPTION



REALITY



Marine on patrol in Afghanistan



PROTECT GLOBAL COMMONS



*USS Carl Vinson (CVN 70), USS Bunker Hill (CG 52), and USS Halsey (DDG 97)
Indian Ocean*



COUNTER PIRACY OPERATIONS

*Visit, board, search and seizure team from USS Pinckney (DDG 91)
Gulf of Aden*



HUMANITARIAN ASSISTANCE

*MH-60S Sea Hawk picks up supplies USNS Matthew Perry (T-AKE 9)
2011 Earthquake/Tsunami in support of Operation Tomodachi
Off the coast of Kesennuma, Japan*

DANGER
PROPELLER
KEEP CLEAR



CONDUCT OPERATIONS

*Landing Craft Air Cushion (LCAC) from USS Iwo Jima (LHD 7)
Cap Draa, Morocco*



*F/A-18F Super Hornet
USS Abraham Lincoln (CVN 72)
Arabian Sea*









SECNAV ENERGY GOALS



Increase Alternative Energy
Department-wide

Increase Alternative Energy
Sources Ashore

Reduce Non-tactical Petroleum Use

Sail the "Great Green Fleet"

Energy Efficient Acquisitions



Pacific Ocean USS Princeton (CG 59) pulls oiler USNS Henry J. Kaiser (T-AO 187)



Royal Australian Navy S-70B Sea Hawk helicopter

2012 GGF DEMONSTRATION



SECNAV and CNO aboard USS Chafee



USS Princeton (CG 59) ,USS Nimitz (CVN 68)



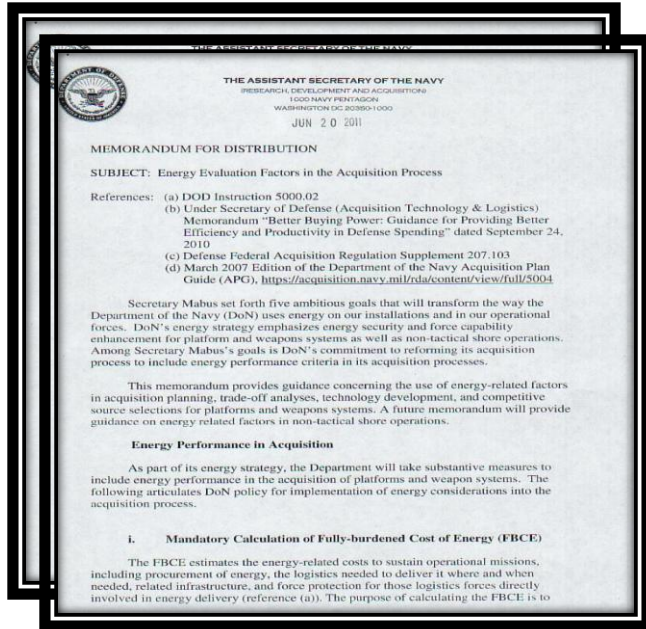
*F/A-18
Naval Air Station Patuxent River, MD*



USS Makin Island (LHD 8)
Homeport: Naval Base San Diego



ENERGY EVALUATION FACTORS IN THE ACQUISITION PROCESS



"This memorandum provides guidance concerning the use of energy-related factors in acquisition planning, trade off analysis, technology development, competitive source selections for platforms and weapon systems".



Landing Ship, Dock (LSD-X)



Ballistic Missile Submarine (SSBN-X)



*Entry Control Point
1st Battalion, 8th Marines
Afghanistan*



1GW of
renewable
energy
enough to power
250,000
homes or a
city the size of
Honolulu, HI

Twentynine Palms, CA



POWER PURCHASE AGREEMENT



JOINT VENTURE PROJECT



FINANCED PROJECTS



SOLAR

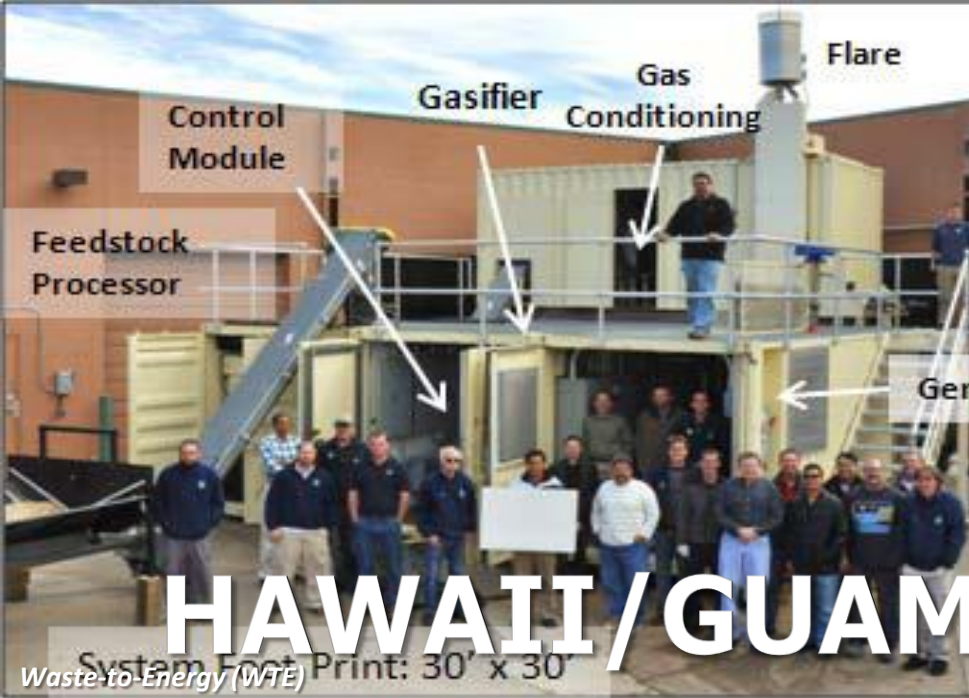


WIND



CULTURE CHANGE





HAWAII/GUAM TECHNOLOGY

DEMONSTRATION





THANK YOU

MV-22
Naval Air Station Patuxent River, MD