



# DEPARTMENT OF THE NAVY

## Energy Goals

### 31 May 2013



*Marines checking door-to-door in New Orleans, September 2005*

**CAPT Kerry Gilpin, USN**  
**Director, 1GW Task Force**

# 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*



It's about the  
**Mission**



What's the **next** mission?

*SH-60F helicopter from USS RONALD REAGAN (CVN 76) surveys tsunami damage, 21 March 2011*



DEPARTMENT OF THE NAVY

# STRATEGY FOR RENEWABLE ENERGY



1 GIGAWATT TASK FORCE  
OCTOBER 2012



***1GW of  
renewable  
energy:  
enough  
to power  
250,000  
homes or a  
city the size of  
Orlando, FL***

[http://www.secnav.navy.mil/eie/  
Pages/Energy.aspx](http://www.secnav.navy.mil/eie/Pages/Energy.aspx)



**PPA**  
**EUL**  
**EJV**  
**ESPC/UESC/ECIP/ESTCP**



**WIND**

**SOLAR**

**GEO THERMAL**

**WASTE-TO-ENERGY**



## ***Upcoming projects:***

**Southwest-all techs**

**Goldwater Range-PV**

**GTMO-PV, WTE**

**MCAS Yuma-PV**

**NAS Fallon-Geothermal x2**

**Newport RI-wind**

**NAS Lemoore-PV**

**Hawaii-PV**





# WHAT'S NEXT?

**Smart Microgrids...**

**How much? Where?**

**Why?**



**Energy Security** matters because  
threats and hazards are...



***unpredictable***

*Sailors and Marines from USS WASP (LHD 1) land on Staten Island, NY,  
on 9 November 2012 in support of Hurricane Sandy relief efforts.*



**THANK YOU**

*USS LASSEN (DDG 82) conducting flight operations with an SH-60B from HSL-51*