



**Calhoun: The NPS Institutional Archive**  
**DSpace Repository**

---

Energy Academic Group

Energy Academic Group Publications

---

2013-06-17

## Energy Academic Group DON Energy Goals

---

<https://hdl.handle.net/10945/42028>

---

*Downloaded from NPS Archive: Calhoun*



Calhoun is the Naval Postgraduate School's public access digital repository for research materials and institutional publications created by the NPS community. Calhoun is named for Professor of Mathematics Guy K. Calhoun, NPS's first appointed -- and published -- scholarly author.

**Dudley Knox Library / Naval Postgraduate School**  
**411 Dyer Road / 1 University Circle**  
**Monterey, California USA 93943**

<http://www.nps.edu/library>



**Goals**

[NPS Energy Academic Group > Goals](#)

**DON ENERGY GOALS**

The United States Navy and Marine Corps rely far too much on petroleum, a dependency that degrades the strategic position of our country and the tactical performance of our forces. The global supply of oil is finite, it is becoming increasingly difficult to find and exploit, and over time cost continues to rise.

So in order to improve our energy security, increase our energy independence, and help lead the nation towards a clean energy economy, the Department of the Navy established the following five ambitious energy goals that will move the Navy and Marine Corps away from a reliance on petroleum and will dramatically increase our use of alternative energy.

- **Increase Alternative Energy Department-wide**  
By 2020, 50% of total Department energy consumption will come from alternative sources
- **Increase Alternative Energy Sources Ashore**  
By 2020, at least 50% of shore-based energy requirements will be met by alternative sources; 50% of Department installations will be net-zero
- **Reduce Non-tactical Petroleum Use**  
By 2015, Department will reduce petroleum use in vehicles by 50%
- **Sail the "Great Green Fleet"**  
Department will demonstrate a Green Strike Group in local operations by 2012 and sail it by 2016
- **Energy Efficient Acquisition**  
Evaluation of energy factors will be mandatory when awarding contracts for systems and buildings

**CNO STRATEGY**

**CNO Guidance:** Provide a Navy Energy Strategy that treats energy as a strategic resource.

Ends	Ways		Means
<p data-bbox="136 1205 191 1230">Vision</p> <ul style="list-style-type: none"> <li>▪ A Navy that values energy as a strategic resource</li> <li>▪ A Navy that understands energy security as fundamental to executing the Navy mission afloat and ashore</li> <li>▪ A Navy resilient to any potential energy future</li> </ul>	<p data-bbox="828 1192 932 1247">Strategic Imperatives</p> <ul style="list-style-type: none"> <li>▪ Assure Mobility</li> <li>▪ Protect Critical Infrastructure</li> <li>▪ Lighten the Load</li> <li>▪ Expand Tactical Reach</li> <li>▪ Green Our Footprint</li> </ul>	<p data-bbox="1062 1205 1133 1230">Targets</p> <ul style="list-style-type: none"> <li>▪ Increase Efficiency Afloat</li> <li>▪ Increase Efficiency Ashore</li> <li>▪ Increase Alternatives Afloat</li> <li>▪ Sail the Great Green Fleet</li> <li>▪ Increase Alternative Energy Ashore</li> <li>▪ Reliable Power for Critical Infrastructure</li> <li>▪ Reduce Non-Tactical Petroleum Use</li> <li>▪ Energy Efficient Acquisition</li> </ul>	<p data-bbox="1357 1205 1429 1230">Enablers</p> <ul style="list-style-type: none"> <li>▪ Leadership</li> <li>▪ Technology</li> <li>▪ Policy</li> <li>▪ Strategic Partnerships</li> <li>▪ Culture Change</li> </ul>

This is an official U.S. Navy website.  
All information contained herein has been approved for release by the NPS Public Affairs Officer.  
Page Last Updated: Jun 17, 2013 4:07:58 PM | Contact the [Webmaster](#)