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Energy Academic Group

Energy Academic Group Publications

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## Energy Academic Group DON Energy Goals

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# 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="139 1209 188 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="829 1199 927 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="1063 1209 1128 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="1360 1209 1442 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>

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