



## **Defense Energy Opportunities - Demand**



- Centralized power generation
- □ Energy-efficient shelters, lighting, and heating/air conditioning
- ☐ Fielding of advanced power distribution



- Hybrid electric drives in LHDs, LHAs, and DDGs
- Better hull and propeller coatings and stern flaps



- Improved routing and flight profiles
- Optimized cargo loading and center of gravity
- □ Engine wash / less drag

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## **Defense Energy Opportunities - Supply**



- □ Hybrid solar power generation
- □ Solar battery chargers
- Wearable solar technologies for mobile power generation
- Lightweight, efficient, universal batteries



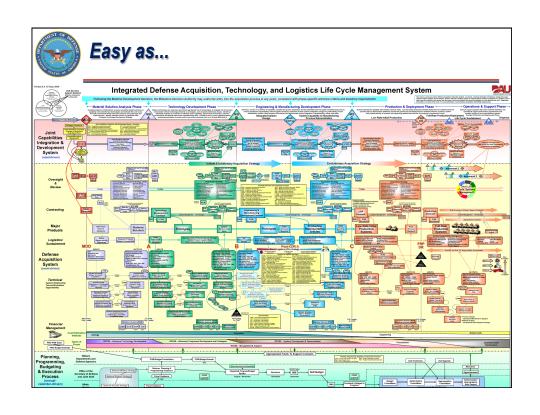
□ Unmanned Vehicles

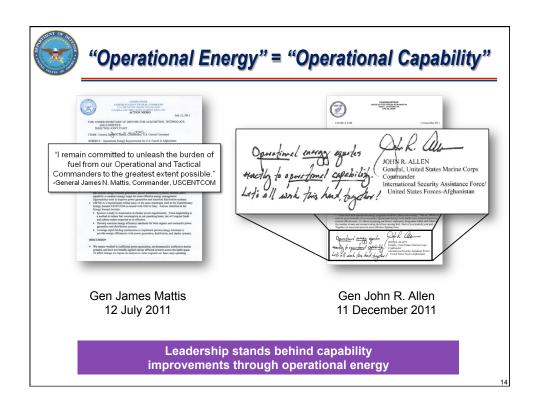


□ Advanced Fuels

□ Fuel Cells

2





	mplementation Plan
□ Me	easure Operational Energy Consumption
□ lm <sub>l</sub>	prove Energy Performance and Efficiency
□ Pro	omote Operational Energy Innovation
	prove Operational Energy Security at Fixed stallations
□ Pro	omote the Development of Alternative Fuels
	corporate Energy Security Considerations into quirements and Acquisition
□ Ad	apt Policy, Doctrine, PME, and CCMD Activities
	Near, Mid, and Long-Term Goals Energy Security for the Warfighter



