

Operational Energy



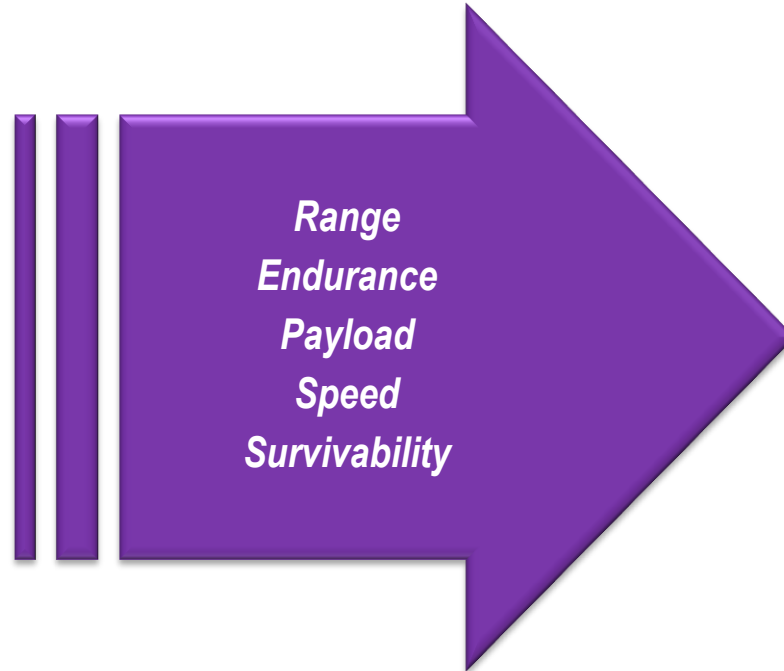
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Operational Energy is Energy for Warfighting

More Capability, More Energy



Increasing capabilities are increasing demand for energy



Risks to Operational Energy

Anti-Access/Area Denial Threats



Distance/Geography



Distributed Operations



Peer Competitors



Irregular Adversaries

Resilience needed to ensure success in contested operating environments



Responding to the Challenge: 2016 Operational Energy Strategy

- Increase Future Capability
 - Improve Combat Effectiveness and Supportability – Increase capability in new systems
 - Institutionalize Energy in Force Development – Energy Key Performance Parameter
- Identify and Reduce Risks
 - Improve Energy Supportability of Concepts of Operation – Wargames
 - Identify and Mitigate Energy Related Risks in Deliberate Planning – Planning risks
 - Diversify Energy Supplies to Reduce Risk – Alt fuels, commercial fuels/infrastructure
- Enhance Current Mission Effectiveness
 - Upgrade Current Equipment – Propulsion, Aux Power Units, microgrids
 - Improve Energy Behavior – Metering and Monitoring, training, education

Adapting policy, doctrine, forces, and training to ensure operational energy is not a constraint in operations