



***ODUSD (I&E)
Facilities Energy Program
Advanced Metering Policy***





DoD Metering Policy

Acquisition, Technology and Logistics

- New policy published 16 April 2013
- Requires advanced meters on individual DoD-owned facilities
 - To capture minimum of 60% of electricity and natural gas use
 - To capture all steam use for facilities connected to district steam systems
 - To capture all water use at water-intensive facilities
- All meters must be connected to an Advanced Metering System
- All DoD Components must develop a Meter Data Management Plan (MDMP)
 - Describes how policy will be implemented
 - Describes how data will be used to better manage energy and water use
 - Establishes Component electricity and NG goal between 60% and 85%



Implementation Challenges

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- **Cost Considerations**
 - Meters should provide only the necessary capabilities for the application
 - Leverage virtual meters and existing analog meters
 - Implement large metering contracts for bulk pricing
 - Consider wireless configurations
 - Incorporate metering with large capital improvement projects'
 - Identify other means to reduce the cost of metering
- **Security Considerations**
 - Meters must comply with DoD's Information Assurance/Cyber Security 8500 series of directives and instructions



Utility Partnerships

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- DoD Components are encouraged to partner with utilities
 - Share existing meter data
 - Negotiate acceptable terms for new meter installation
 - Cost sharing
- More robust partnerships could benefit both parties
 - Arrangements for installation, ownership & maintenance responsibilities
 - UESC or other utility service contracts
 - Data “ownership”
 - Data analytics
 - Dashboards
 - Benchmarking capabilities
 - Others?
- Security & information assurance remain important concerns



Questions?

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