



What the Army Needs from Utilities

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Federal Utility Partnership Working Group

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Utility Partnerships Enhance Readiness



- UESC – Utility Energy Services Contracting
 - Over \$640 million investment since 1992
- Renewable Energy
 - Small and Large
- Utilities Privatization
 - Electric, Gas, Water, Waste Water
- Energy Security
 - Multi-faceted
- GSA Area-wide Contracts
 - Convenient contracting vehicle, Not just for commodity
- Incentives
 - Maximize benefit to Army
- Demand Response
 - Where feasible



Army Energy Performance Contracting



- \$2.56 Billion investment awarded to date
 - \$664 Million in UESC since 1992
 - \$1.9 Billion in ESPC since 1996
- \$1.09 Billion during President's Performance Contracting Challenge (PPCC)
- In FY14 & FY15 approximately half of energy efficiency project investment executed through alternative financing (UESC & ESPC)
- Targeting \$150-\$200M per year in UESC/ESPC for next 5 years.



Army UESC



- Holistic, Bundled Projects where feasible
- Can be quick way to execute smaller projects
- Can do “free” or funded IGA/feasibility study
- Fuel Neutral ECMs
 - Electric utility can do gas and water projects and vice versa
- Up to 25 year task order term now after DFARS change
- Financed or funded projects, Large and Small projects
- If Utility doesn’t currently offer, they may still be interested, DOE can help
- Performance Assurance Required
 - Many state utility commissions do not allow financial guarantees



Renewable Energy



- Smaller Projects
 - Fort Rucker – remote PV power to training airfield with AL Power
 - Fort Campbell – PV through UESC & PPA with TVA
- Larger Projects
 - Southern Company
 - 3x30 with Georgia Power
 - Alabama Power



Utilities Privatization



- Electric Distribution
- Natural Gas Distribution
- Water
- Waste Water



Energy Security



- Load Reduction
- Renewable Energy
- Distributed Generation and Combined Heat & Power
- Multiple Utility Feeds
- Battery Storage
- Microgrids



Other Offerings



- GSA Area-wide Contracts
 - Commodity
 - UESC
 - Interconnection
 - Exhibit A – Energy related work
- Incentives
 - Coordinate all energy projects with utility for incentives
- Demand Response
 - Not available everywhere
 - May have emissions impacts that need to be considered
 - Improve reliability of back-up power



Questions?

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