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
    o 3x30 with Georgia Power
    o 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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