Office of Energy Initiatives

Securing Army installations with energy that is clean, reliable and affordable

Federal Utility Partnership Working Group Seminar
Amanda Simpson, Executive Director
The Energy Initiatives Task Force (EITF) transitioned to the Office of Energy Initiatives (OEI) on October 1, 2014.

The OEI is an enduring organization within the Office of the Assistant Secretary of the Army (Installations, Energy and the Environment) (ASA (IE&E)).

The OEI serves as the central management office for the development, implementation and oversight of all **privately financed, large-scale** renewable and alternative energy projects.

Projects **equal to or greater than 10 MW**
- Will work closely with installations for 1-10 MW opportunities
- Potential for projects that exceed Army requirements

Solar, Wind, Biomass and Geothermal technologies
- Uses existing DOD land-use and third-party financing authorities

**The OEI’s projects will help ensure the Army’s goal to deploy 1 GW of renewable energy projects by 2025**
Tiered Energy Security Integration approach

I. Coverage of total installation requirements from on-site generation
II. Production capacity to maintain critical loads in emergency situations
III. Designed to easily integrate with future energy security infrastructure
A Balanced Enterprise Approach

Securing Army Installations with *energy*

**Energy Security**
- Surety (access)
- Survivability (resilience)
- Supply (alternative resources)
- Sufficiency (adequacy for missions)
- Sustainability

24x7 supply for critical assets

Price Stability

**Mandates**
- NDAA - 25% by 2025
- EPAct - 7.5% renewable electricity consumption by 2013
- EO 13514 - 34% GHG reduction by 2020
- Climate Action Plan - 20% renewable electricity consumption by 2020

**Economic Benefits**
- In-kind revenue
- Reduced/stable energy bills
- Cost avoidance

that is *clean, reliable, and affordable*

Creating a balanced pipeline of opportunities serving three driving principles

Assistant Secretary of the Army (Installations, Energy & Environment)
Energy Contract Options

– We currently have three Energy Contract options:
  • GSA Area Wide Contract;
  • Power Purchase Agreement (PPA); and
  • Enhanced Use Lease (EUL)

– We anticipate being able to use a fourth option in the near future – Municipal Service Agreements (MSA)
GSA Area-Wide Contract

– Takes advantage of existing installation contracts making the process quicker
– 10 year term; Federal government historically renews
– Can procure any type of existing utility service
– Authority 10 USC 2668 (easement for land)
Municipal Service Agreements

- Section 331 of the FY2013 NDAA
- Sharing of services between installations and local municipalities
- Reutilization of government land and real property
- May reduce facilities and service costs for all
- Provides Local Communities, Local Solutions
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UNCLASSIFIED
Potential Projects

Phases 1 & 2
- Project Assessment & Validation
  - ~200 MW

Phase 3
- Contracts & Agreements
  - ~350 MW

Phases 4 & 5
- Construction, Operations & Support
  - ~45 MW

Near Term Procurement Actions

- One Award
- Three Notice of Intent to Award
- One Upcoming Requests for Proposals
Wrap Up

- Energy and energy security continue to be key components to enhance Army mission capability and effectiveness.

- Renewable energy is and will continue to be a significant part of the Army’s energy security strategy.

- Through the OEI, the Army is aggressively developing new and efficient business models to support the rapid deployment of 1 GW of renewable energy by 2025.

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