Army Energy Initiatives
Task Force

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Perfect Storm
U.S. Army Energy Consumption, 2010

United States

Federal Government

Department of Defense

- Federal Gov 1%
- DoD 80%
- Army 21%


U.S. = 98,079 Trillion Btu
Fed Gov = 1,108 Trillion Btu
DoD = 889 Trillion Btu
U.S. Army = 189 Trillion Btu

FY10 Highlights
- $2.5+B Operational Energy Costs
- $1.2 B Facility Energy Costs
- +64% fuel costs in Afghanistan - not counting cost to deliver and secure
- +$400 million increase in fuel costs expected in FY11 across DoD in Afghanistan
Army Power and Energy

“Grand Challenges”

- Give soldiers and leaders capability to manage energy status, resources, performance
- Significantly reduce energy footprint
- Provide flexibility and resiliency by developing alternatives and adaptable capabilities

Army Renewable Energy NOT New
Where the Army Needs to Go

Army lacked:
- Resources
- Expertise/Timeline
- Enterprise Strategy

- NDAA 2010: 25% by 2025
- Over $7 billion in capital needed

- EP Act 2005: 7.5% by 2013
- Army Progress: 2% in 2010
Energy Initiatives Task Force

Energy Initiative Task Force (EITF) announced by Army Secretary on August 10, 2011.

EITF is a collaboration with the private sector to invest in cost-effective large-scale renewable energy projects on Army installations.

Goals:
• Power Army communities with renewable energy to secure the nation.
• Increase Army’s energy security.
• Meet Goal of 25% renewable energy by 2025 with additional 2.1 million MWh annually.

We’ve got the LAND and the DEMAND
Mission
Strengthen Army energy security and sustainability by developing a comprehensive capability, and planning and executing a cost-effective portfolio of large-scale renewable energy projects by leveraging private sector financing.

Vision
Powering Army communities with renewable energy to secure the nation.
EITF Portfolio Process

Executive Management → Mission Statement → Vision → Executive Plan → Strategic Objectives

Portfolio & Program
- Pre-program Preparation
- Program Initiation
- Program Set-up
- Delivery of Program Benefits
- Program Closure

Project
- Opportunity Identification
- Project Validation
- Project Solicitation
- Project Negotiation and Closing
- Post Closing management

Renewable Energy Project Portfolio Guide
Renewable Energy Project Development Guide
Renewable Energy Alternative Financing Guide
Installation Financing Plan
Army’s Enabling Authorities

Authorities that the EITF will leverage existing authorities to meet sustainability and renewable energy goals:

- UESC (10 USC 2913)
- Enhanced-use leasing (10 USC 2667)
- Easement authority (40 USC 1314)
- Utility purchase authority (FAR Part 41)
- Power purchase agreements (10 USC 2922a)
- Energy Savings Performance Contracts (10 USC 2865)
- Cooperative agreements (31 USC 6305)
FUPWG & EITF Common Goals

- Enhance existing and fostering new partnerships between Army installations and local utilities to develop/implement renewable energy projects at Army sites.
- Identify how utilities can help Army installations to meet federal mandates for sustainability and energy security.
- Prepare Army for changes in the electric utility industry to support cost effectiveness, enhance budget certainty and mitigate risk.
- **Bottom line:** The EITF views the utility industry as a key stakeholder in planning and implementing sustainable, and renewable energy strategies in support of Army communities.
Private Investors Have a Choice

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