



ENERGY INITIATIVES TASK FORCE

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

Collaboration for Energy Security

Presentation to the

National Association of State Energy Officials

Ms. Amanda Simpson, Executive Director

February 7, 2014

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



The Army, Reserves, and National Guard support our communities in times of need

Reliable access to energy enables us to be there





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Army Energy Consumption



United States

97,301 Trillion Btu



1%

Federal Government

1,116.6 Trillion Btu



80%

DoD

890.3 Trillion Btu



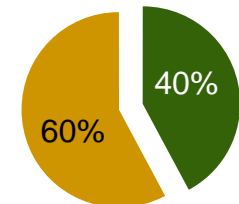
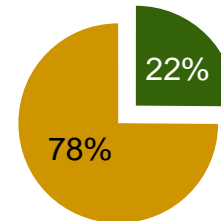
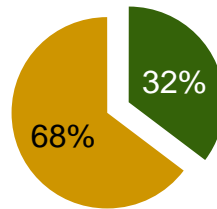
21%

U.S. Army

187.7 Trillion Btu



- Facilities
- Vehicles & Equipment (Tactical & Non-tactical)



Sources: Energy Information Agency 2011 Annual Energy Review, September 2012; U.S. Army Energy Data

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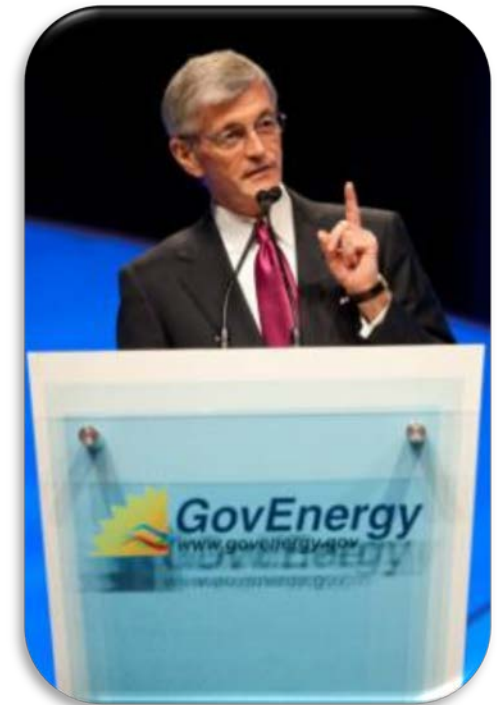
Army Energy Initiatives Task Force



Established by the Secretary of the Army on September 15, 2011.

Mission: The Energy Initiatives Task Force (EITF) serves as the central management office to strengthen Army energy security through the planning and execution of renewable energy projects using third-party financing.

- Projects **equal to or greater than 10 MW**
- Solar, Wind, Biomass and Geothermal technologies
- Natural gas can be used in combination with renewables to solve intermittency and improve energy reliability
- Will use existing DoD land-use and third-party financing authorities



Secretary of the Army
John M. McHugh

The EITF's projects will help ensure the Army's goal to deploy 1 GW of renewable energy projects by 2025

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Balanced Portfolio of Projects

EITF seeks to create a balanced pipeline of opportunities that will serve three driving principles

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
- EPOA - 7.5% by 2013
- EO 13514 - 34% GHG reduction by 2020
- Climate Action Plan - 20% by 2020
- Army Goal - 1 GW by 2025

Economic Benefits

- In-kind revenue
- Reduced/stable energy bills
- Cost avoidance

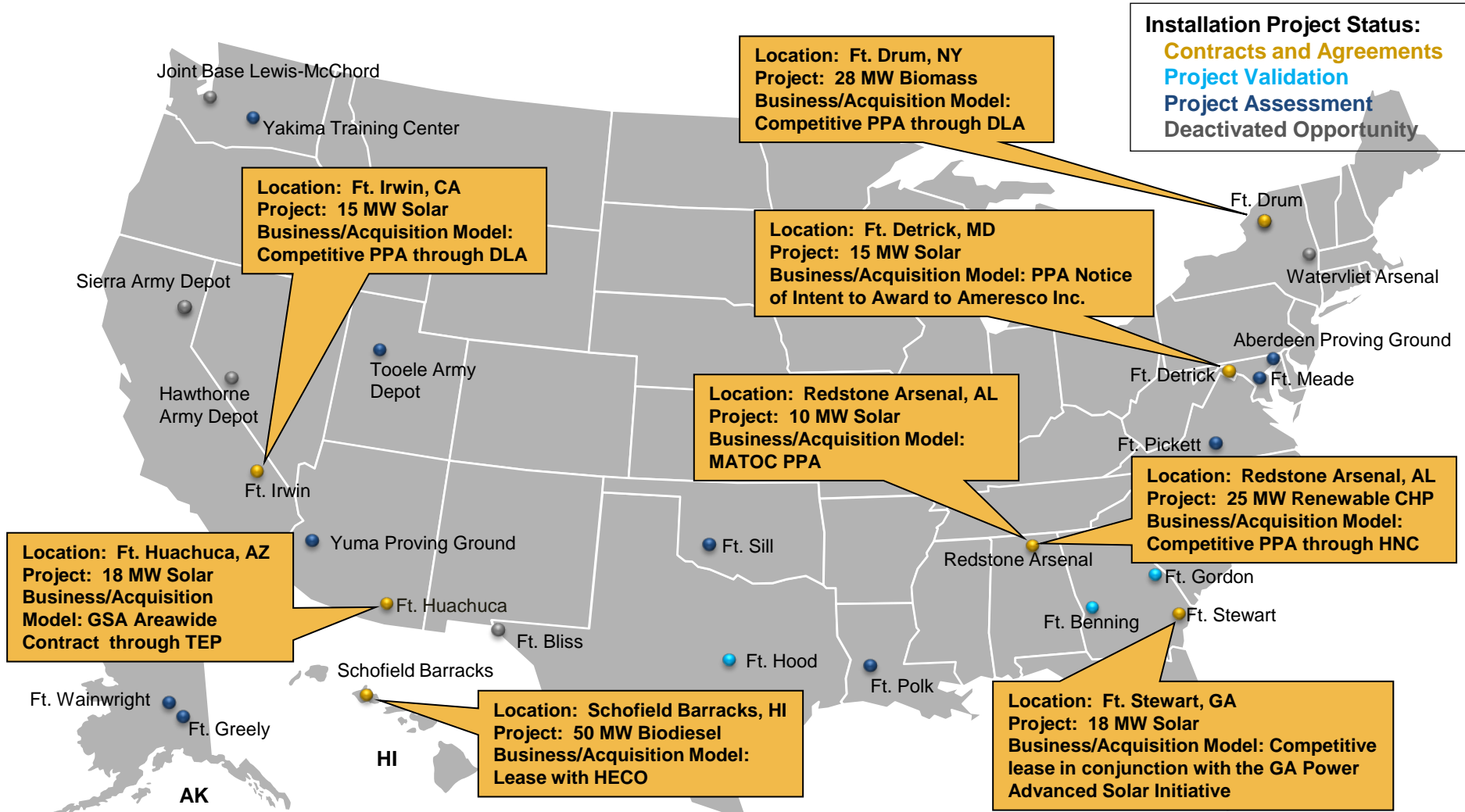
EITF

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Current EITF Large-Scale Renewable Energy Opportunities



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Favorable State Environments



- **Collaboration on Security**
 - Army providing emergency response capabilities
 - Relieving congestion and restoring local grid operation
- **Favorable Regulation**
 - Long term procurement authorities for State agencies
 - Relaxation on net metering limits



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



www.armyeitf.com

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