



## ENERGY INITIATIVES TASK FORCE

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

# Solar Electric Power Association

*Amanda Simpson, Executive Director*

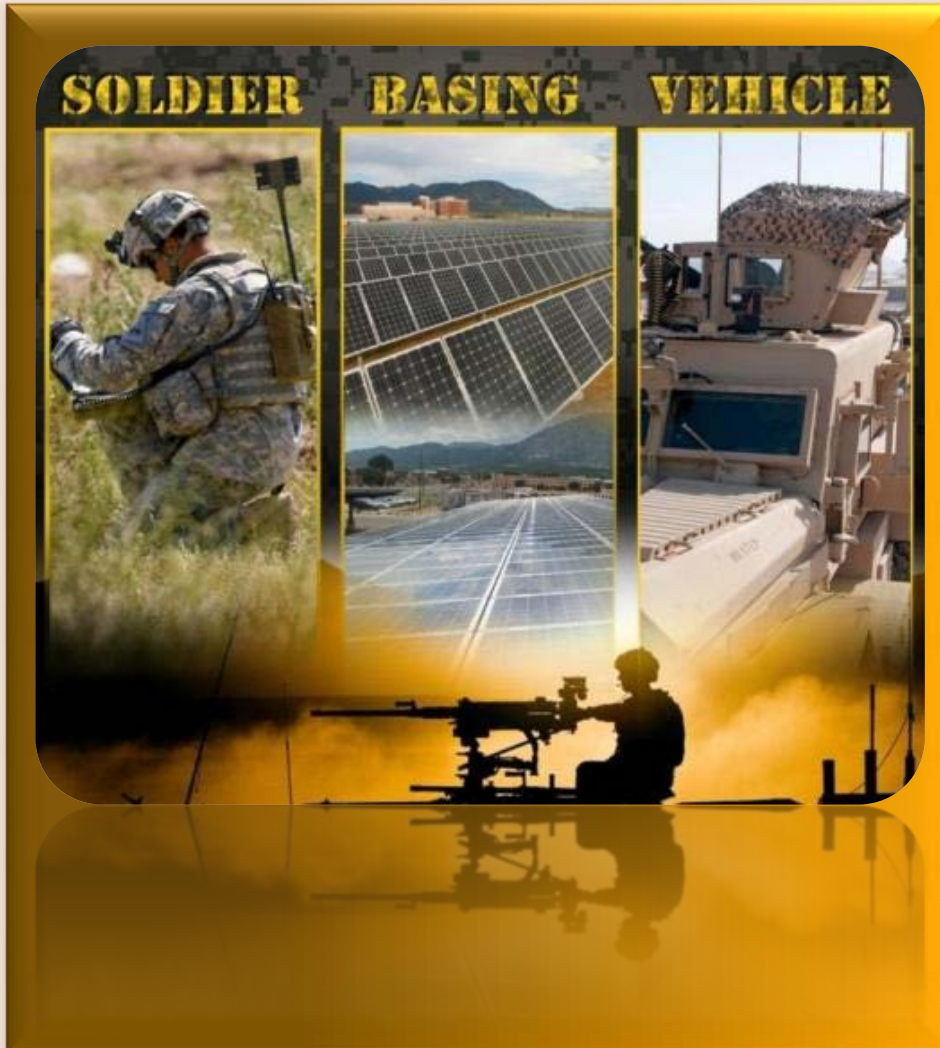
*April, 29 2014*

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

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# Strategic Context



The Army is addressing **energy security** through a comprehensive program to ensure that we have **assured access to reliable supplies** of energy and the ability to protect and **deliver sufficient energy to meet mission-essential requirements.**

- **Soldier:**
  - Lightening soldier power loads
  - Agility and self-reliance through advanced portable power systems, lighter batteries, universal charging devices and water purifiers
- **Vehicles:**
  - Utilizing alternative fuels, hybrid and electric systems
  - Improving efficiency and extending engine life
  - Includes tactical (air and ground) vehicles and non-tactical vehicles
- **Basing:**
  - Improving installation fuel, water and energy efficiency
  - Net Zero strategy
  - Diversity of supply through renewable energy enhancing energy security
  - Energy Initiatives Task Force

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# Army Energy Consumption and Investment



**United States**  
97,301 Trillion Btu



1%

**Federal Government**  
1,116.6 Trillion Btu



80%

**DoD**  
890.3 Trillion Btu

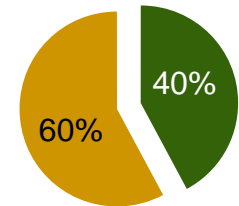
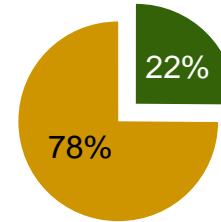
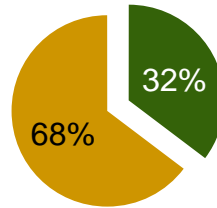


21%

**U.S. Army**  
187.7 Trillion Btu



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



**Army FY 2013 Energy Budget**  
**\$3.8B**

## FY 2013 Army Energy Expenditures

Liquid Fuel	\$2.5B
Facility Energy	\$1.3B

Sources: Energy Information Administration 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.

The Energy Initiatives Task Force (EITF) serves as the central management office for **partnering** with Army installations to implement **cost-effective, large-scale**, renewable energy projects, leveraging **private sector financing**.

- Projects **equal to or greater than 10MW**
  - Will coordinate with installations for 1-10MW opportunities
  - Potential for projects that exceed Army requirements
- Solar, Wind, Biomass and Geothermal technologies
- Resources to perform project development and execution
- Will use existing DoD land-use and third-party financing authorities

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



Secretary of the Army  
John M. McHugh

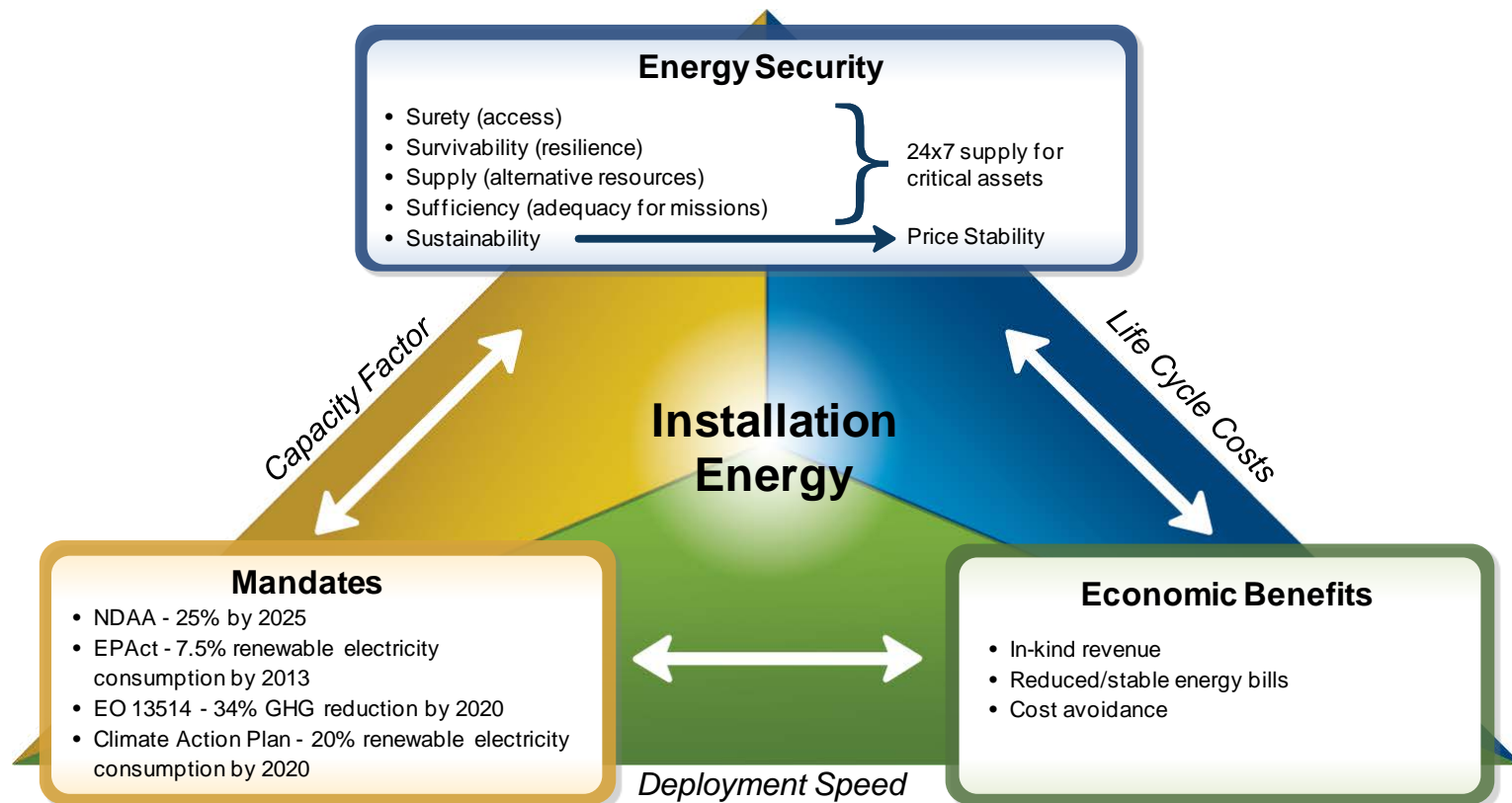
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# A Balanced Enterprise Approach



## Securing Army Installations with energy



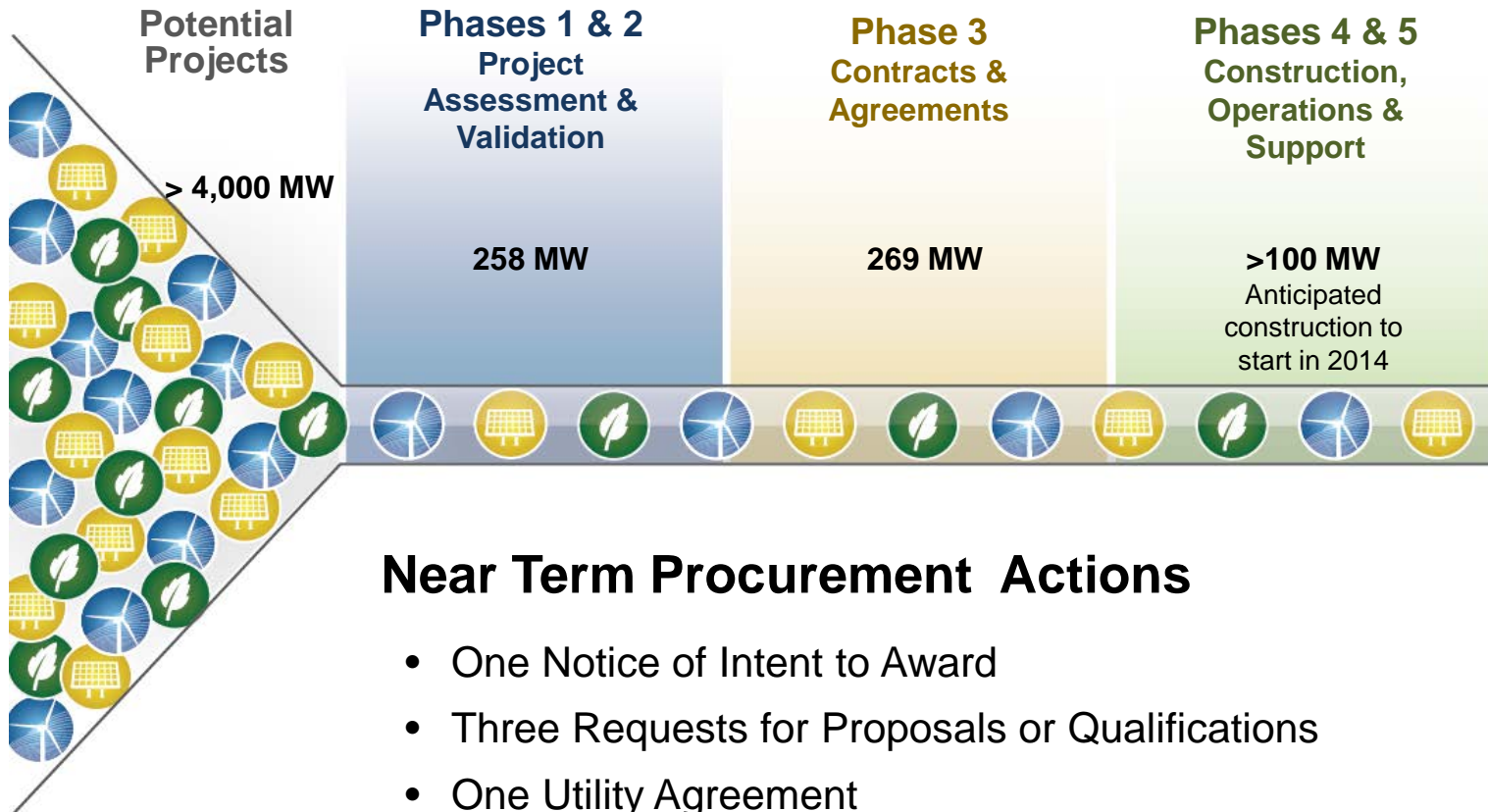
that is *clean, reliable, and affordable*

**Creating a balanced pipeline of opportunities serving three driving principles**

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# Enterprise-Wide Portfolio

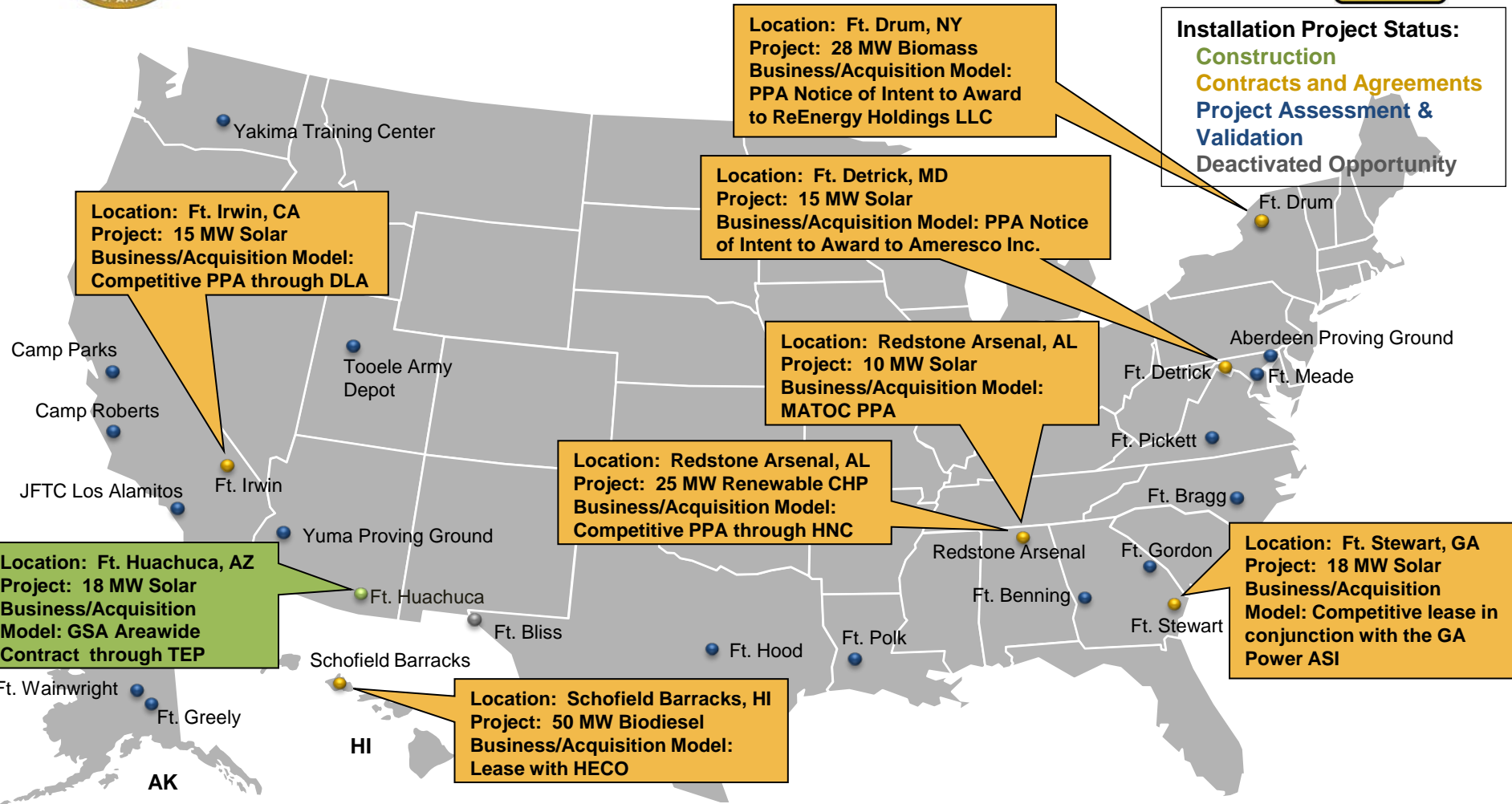


## Near Term Procurement Actions

- One Notice of Intent to Award
- Three Requests for Proposals or Qualifications
- One Utility Agreement
- Advancing an additional 100 MW of projects this year



# Army Renewable Energy Projects



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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](http://www.armyeitf.com)



US Army Energy  
Initiatives Task Force



ArmyEITF

#HOOAHenergy

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