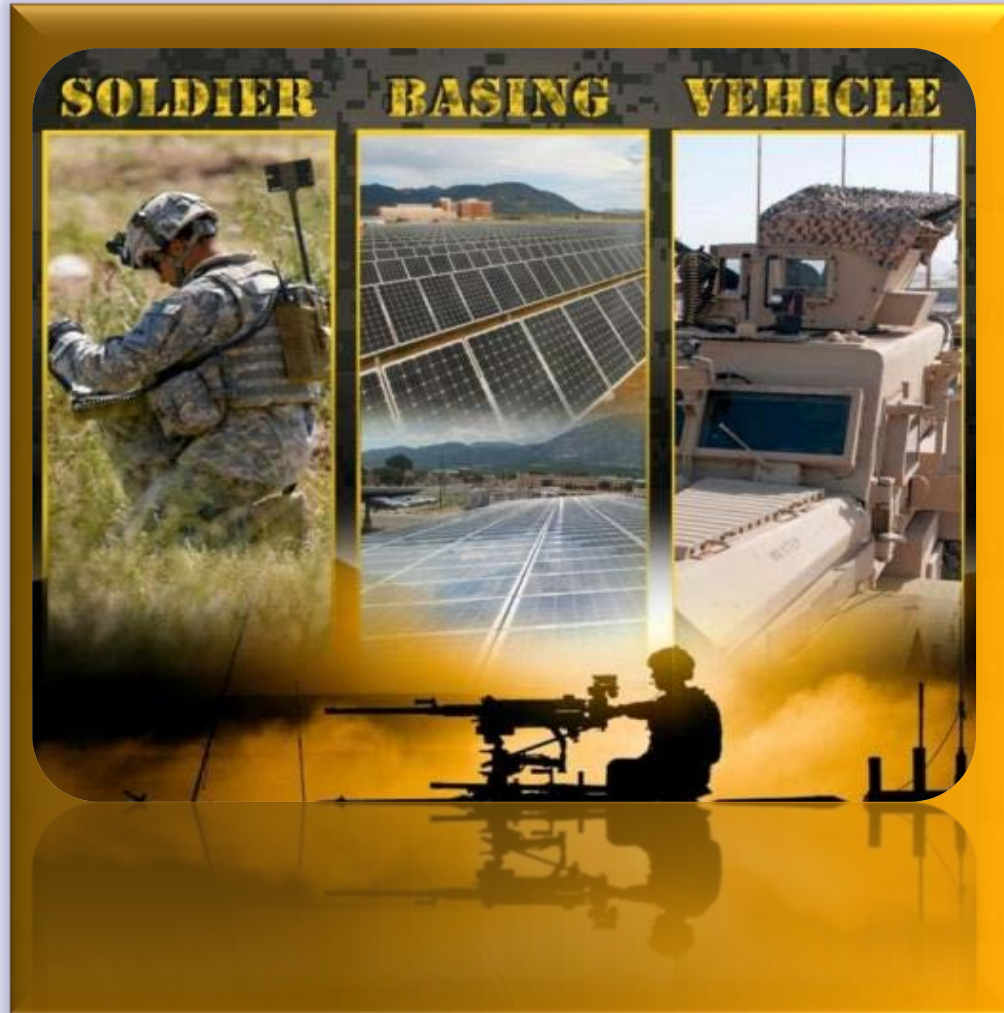




Army Power and Energy



**Assistant Secretary of the
Army for Installations, Energy
and Environment**

HON Katherine Hammack

**Presentation to the
American Council on
Renewable Energy**

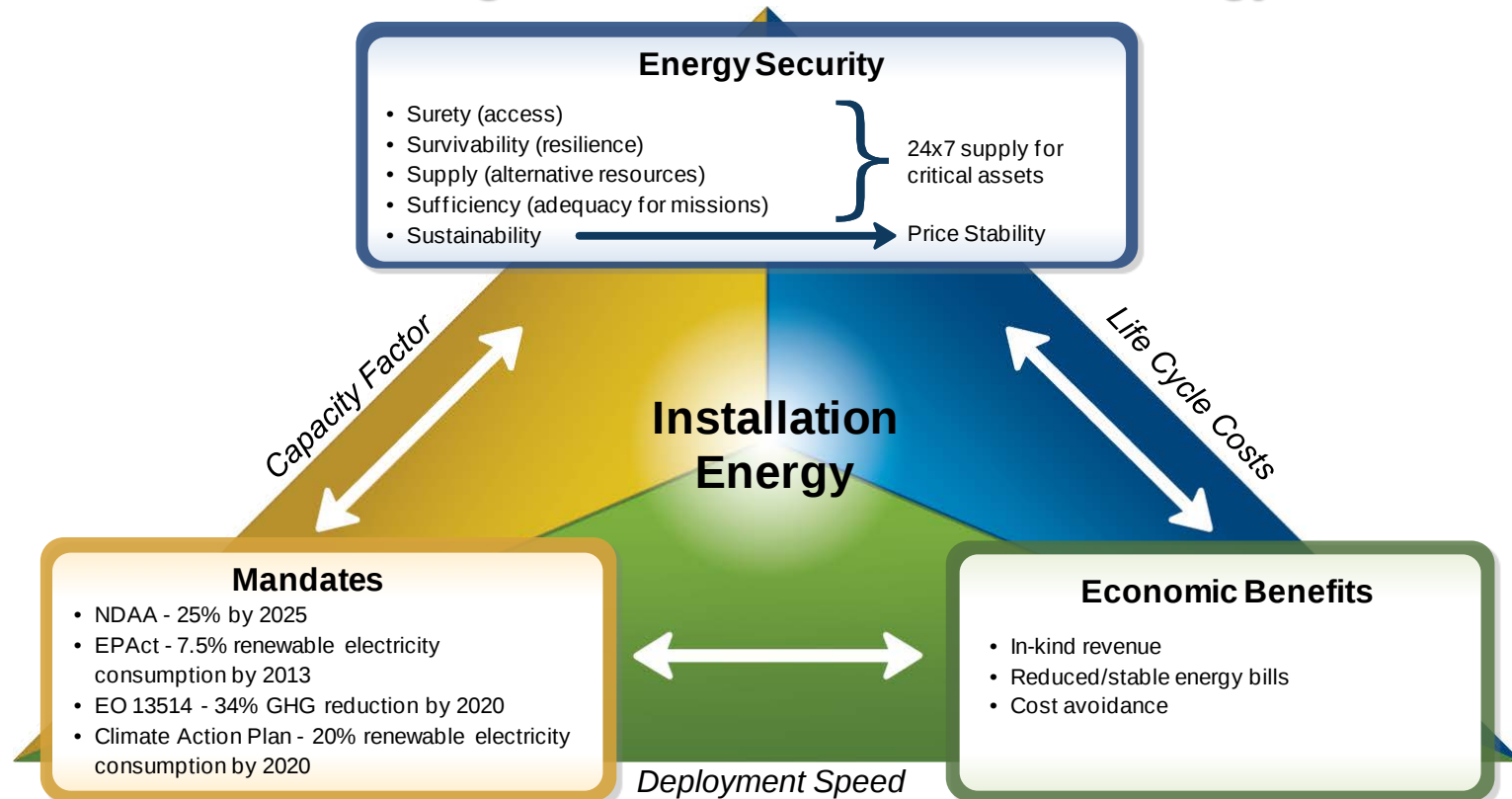
29 July 2014



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

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



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)



U.S. General Services Administration



Power Purchase Agreement (PPA)



- Authority 10 USC 2922a
- Up to 30-year Capability
- On DoD or private land
- Often paired with a lease
 - (10 USC 2667)





Enhanced Use Lease (EUL)



- Authority 10 USC 2667
- US Government retains control of property
- Developer pays rent of cash or “in kind” services
- Lease can exceed five years
- Developer Advantages
 - Prime, secure, convenient location
 - Opportunity to provide sole-source services in lieu of cash
- Installation Advantages
 - Fast tracking alterations, repair or new construction
 - Guaranteed fair market value of the property from in kind service

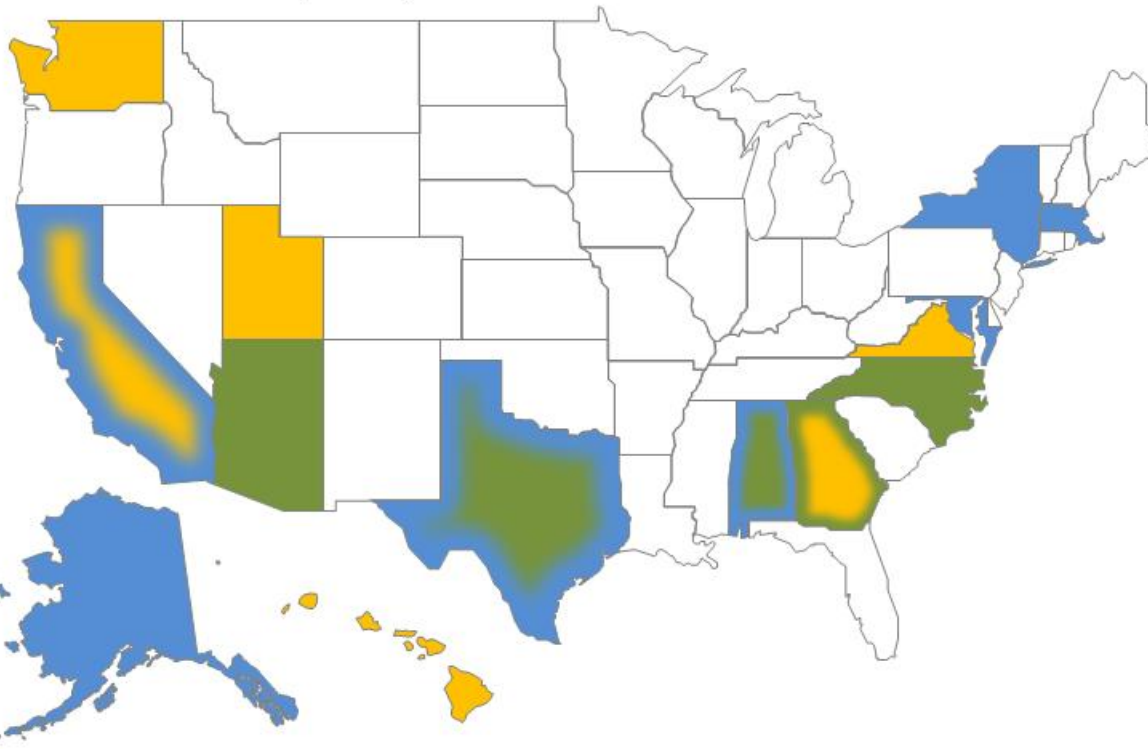


Current EITF Opportunities

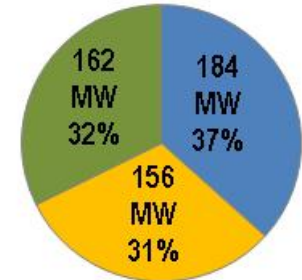


■ GSAreawide ■ PPA ■ EUL

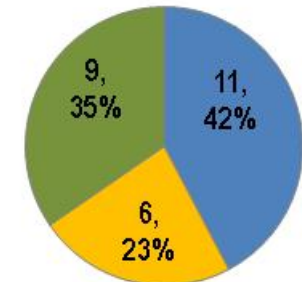
Projects by location



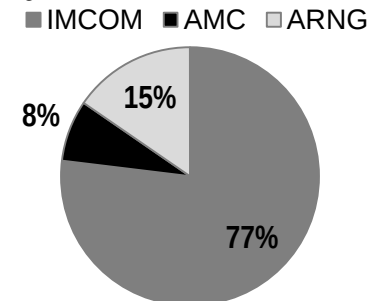
By Capacity
(502 MW*)



By Count
(26 Projects)



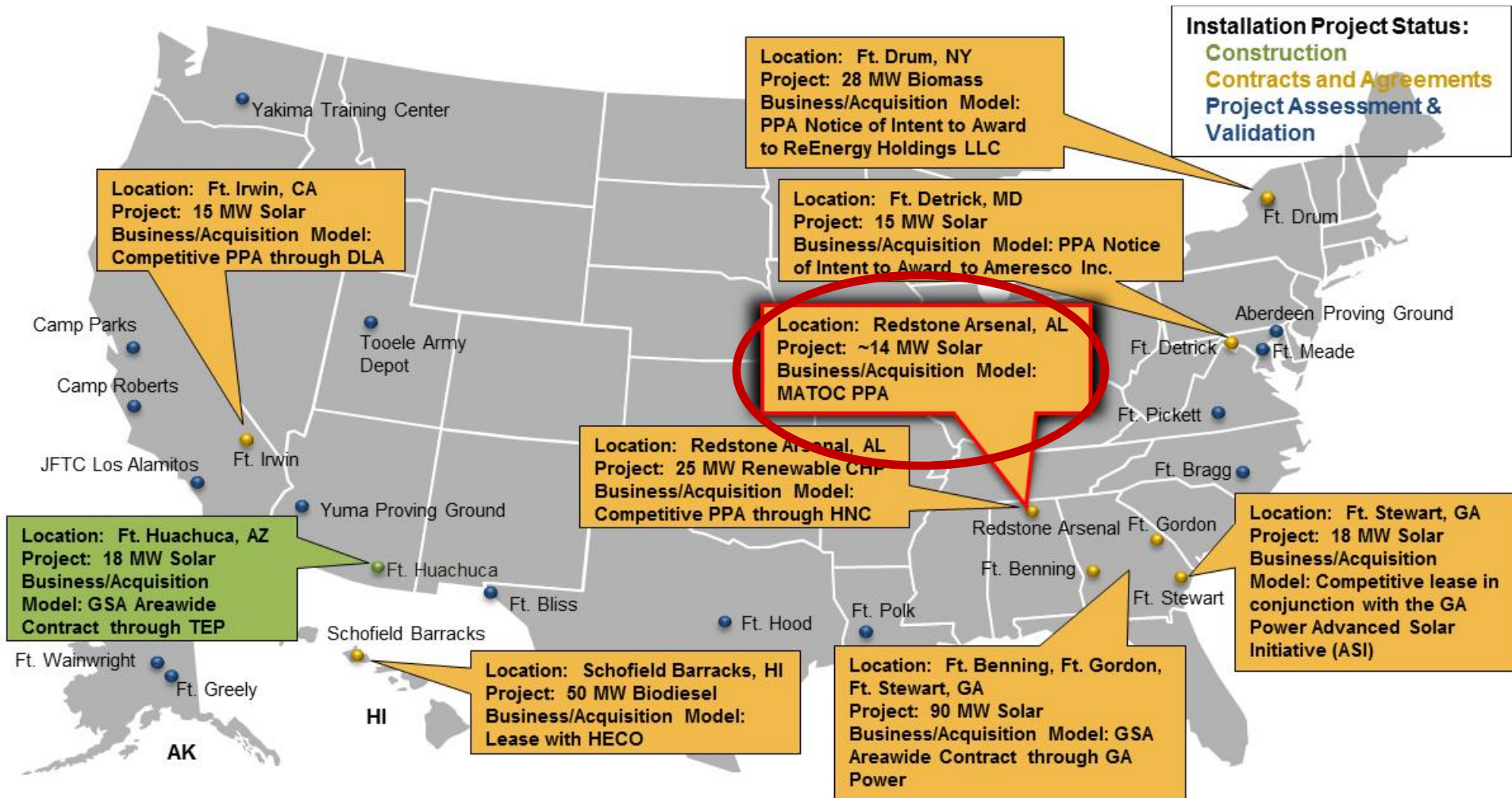
By Command
(26 Projects)



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



Large Scale RE Projects





Project Acquisition/Business Models



- Power Purchase Agreement (10 USC 2922a) with lease (10 USC 2667):
 - Fort Detrick (15 MW Solar PV)
 - Redstone Arsenal (10 MW Solar PV)
 - Fort Irwin (15 MW Solar PV)
- GSA Area-wide Contract – w/ easement (10 USC 2668):
 - Fort Huachuca (18 MW Solar PV)
 - GA 3x30 (30 MW Solar – Forts Stewart, Benning and Gordon)
- Enhanced-Use Lease (10 USC 2667):
 - US Army Garrison – Schofield Barracks (50 MW Bio-fuel)
 - Ft. Stewart – (18 MW Solar PV)



Opportunities for Collaboration



- Public/private and public/public partnerships
- Bridge the gaps to find the right solutions
- Understand our needs and bring us capabilities
- Help us continue to provide innovative solutions



The image features four soldiers in silhouette, standing in a line against a bright, orange-hued sky at sunset or sunrise. Each soldier is holding a rifle. The text "ARMY STRONG" is overlaid in the center in a large, white, sans-serif font.

ARMY STRONG