



OFFICE OF ENERGY INITIATIVES

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

Best Practices and Process Improvements ACORE

Amanda Simpson

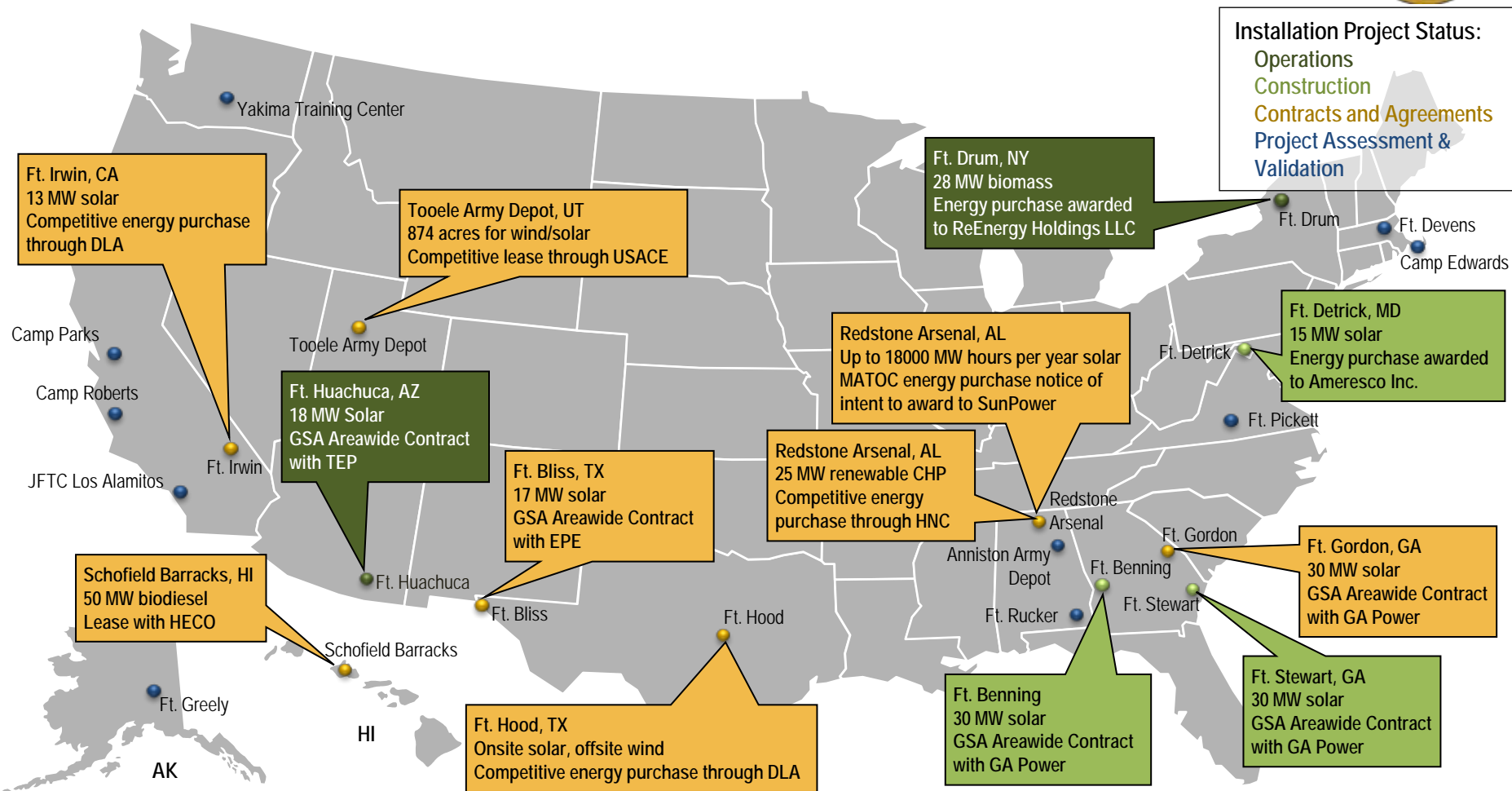
22 April 2015

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

UNCLASSIFIED



Army Large-Scale Renewable Energy Projects

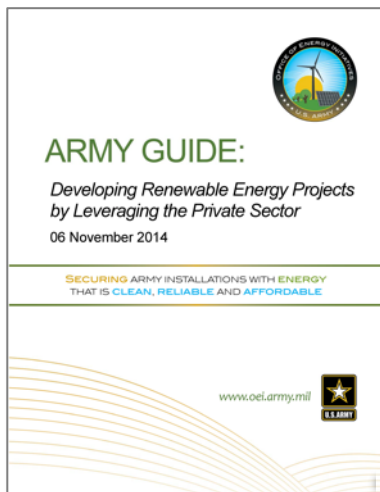


Increasing Energy Security and Resiliency for Army Operations

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



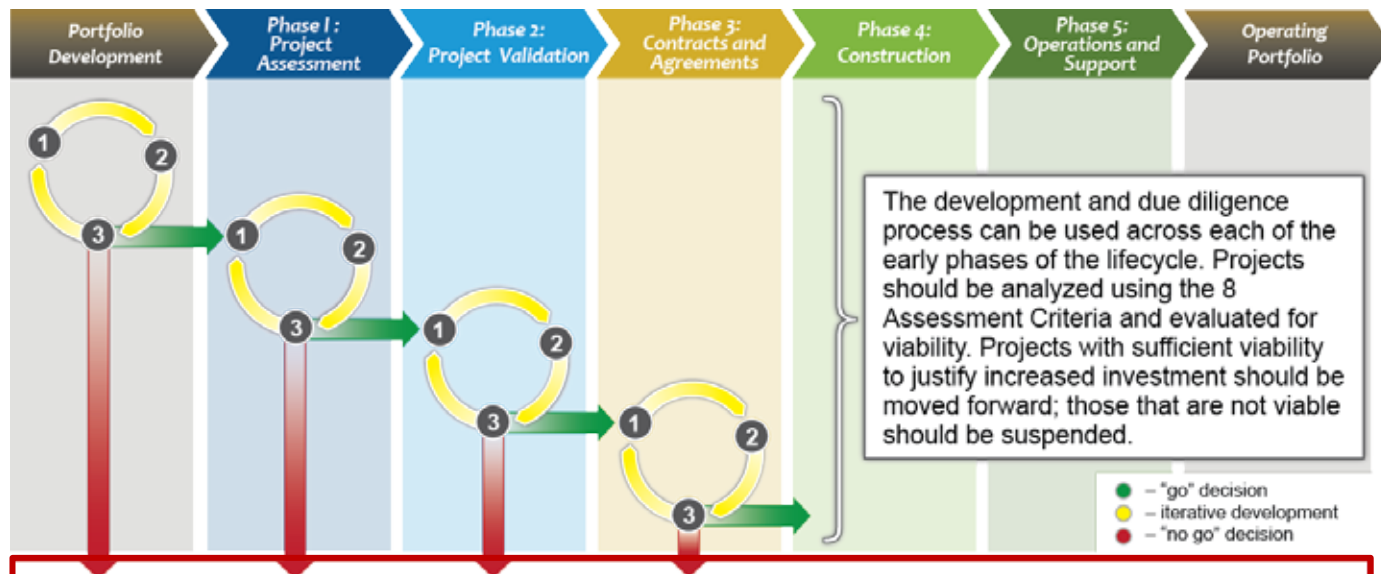
Process Detail and Documentation



8 Assessment Criteria



- ✓ Mission/Security
- ✓ Economics
- ✓ Real Estate
- ✓ Regulatory
- ✓ Off-Take
- ✓ Integration
- ✓ Environmental
- ✓ Procurement



Suspending projects in favor of others is essential to overall program success, and should not be considered a failure. Suspended projects can be continuously reconsidered in light of changing market conditions and the composition of the Army portfolio of projects at a given point in time.



Fort Detrick & Redstone Solar



Improvements:

- RESA
- 1st MATOC project

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Working with the Army



- **ASA(IE&E):** asaiee.army.mil **ACSIM:** acsim.army.mil **USACE:** usace.army.mil
- **Fedbizops.org**
- **Renewable Energy on Army Lands**
 - Large-Scale Renewable Energy Projects (>10MW): oei.army.mil
 - Siting Clearinghouse: acq.osd.mil/dodsc
- **Science and Technology**
 - Army Acquisition Business Website: acquisition.army.mil/asfi
 - Base Camp Integration Laboratory: pmfss.natick.army.mil
 - Communications-Electronics Research, Development and Engineering Center: cerdec.army.mil/business/index.asp
 - Natick Soldier Research, Development and Engineering Center: nsrdec.natick.army.mil/business/index.htm
 - National Defense Center for Energy and Environment: ndcee.ctc.com
 - Network Integration Evaluation: integration.army.mil
 - Rapid Equipping Force: ref.army.mil
 - **Facilities Energy Innovation**
 - Net Zero: asaiee.army.mil/Public/ES/netzero
 - Strategic Environmental Research and Development Program (SERDP) & Environmental Security Technology Certification Program (ESTCP): serdp.org/
- **Vehicle Innovation**
 - Tank Automotive Research, Development and Engineering Center: army.mil/tardec
 - Aviation & Missile Research, Development & Engineering Center: redstone.army.mil/amrdec/Business/index.html
- **Small Businesses**
 - Army Small Business Innovation Research Program: armysbir.army.mil/sbir/Default.aspx