



ENERGY INITIATIVES TASK FORCE

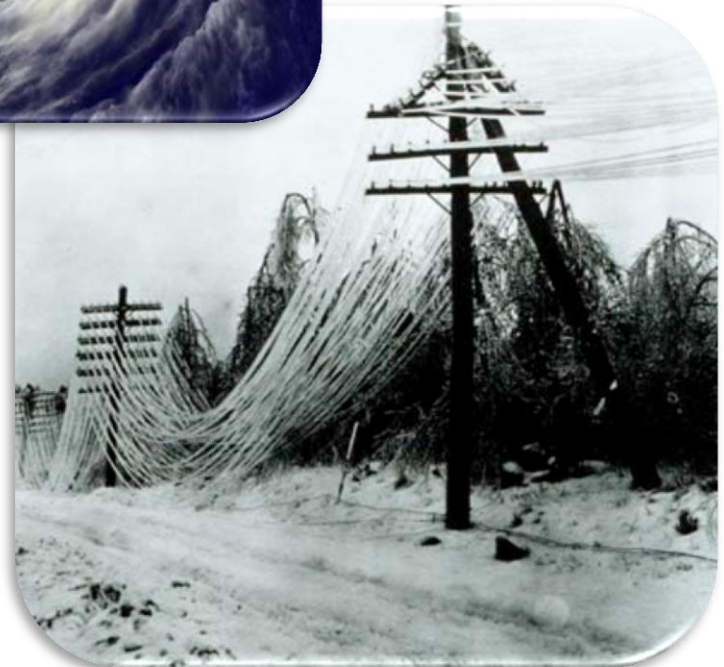
SECURING ARMY INSTALLATIONS WITH **ENERGY** THAT IS
CLEAN, RELIABLE AND AFFORDABLE

Environment, Energy Security and
Sustainability
May 23, 2012

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Army Threats to Energy

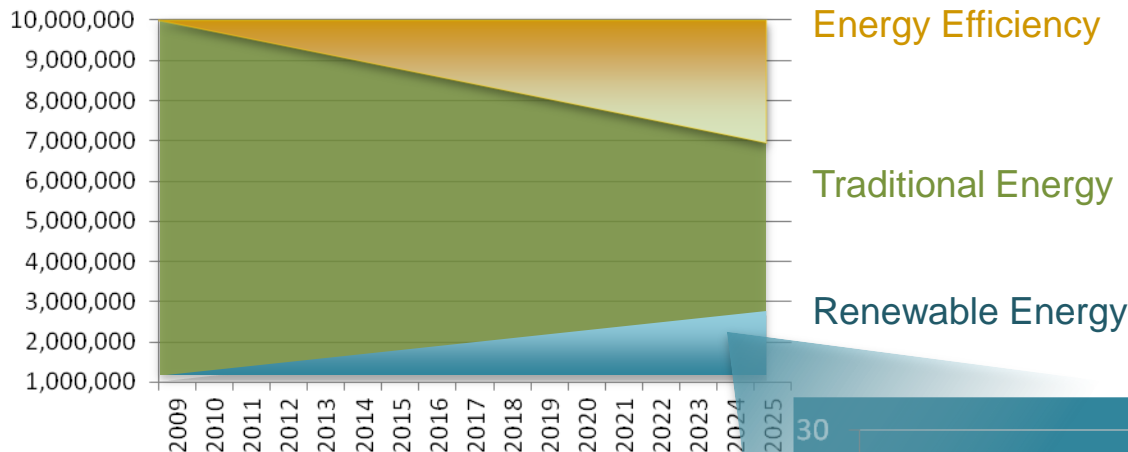




Army Energy Outlook



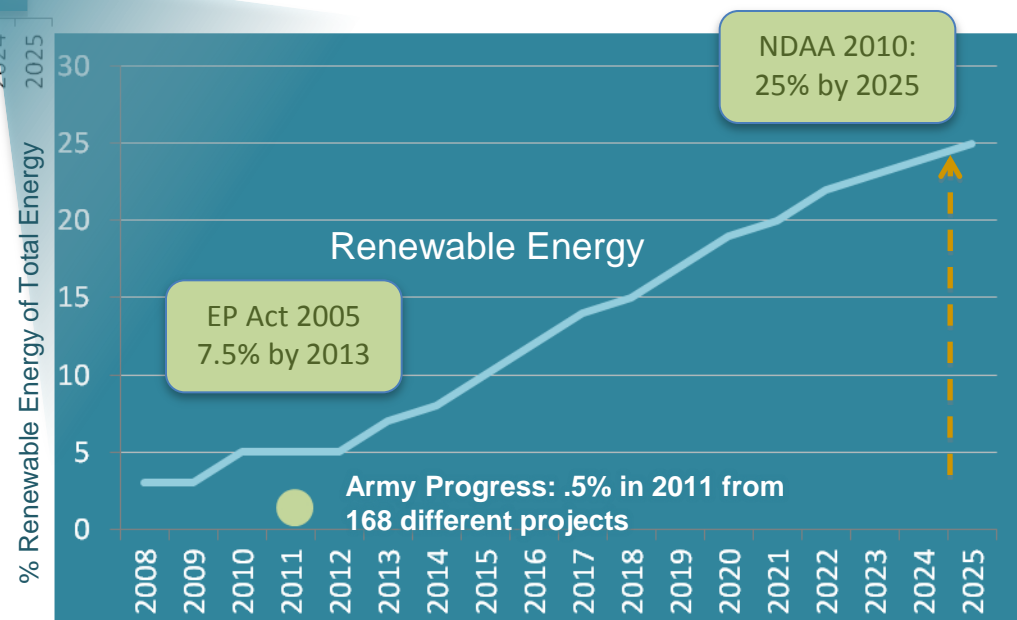
Path to 25% Renewable Energy by 2025 - Notional



Reaching Army energy goals will require significant number of large scale renewable energy projects

Major Issues for Army Large Scale Renewable Energy Projects

- Declining Budgets/Incentive Leverage
Need for third party financing
- Specialized Expertise
Requires financial, regulatory, environmental, and real estate expertise
- Enterprise Strategy
To define the most efficient path to reach Army goals





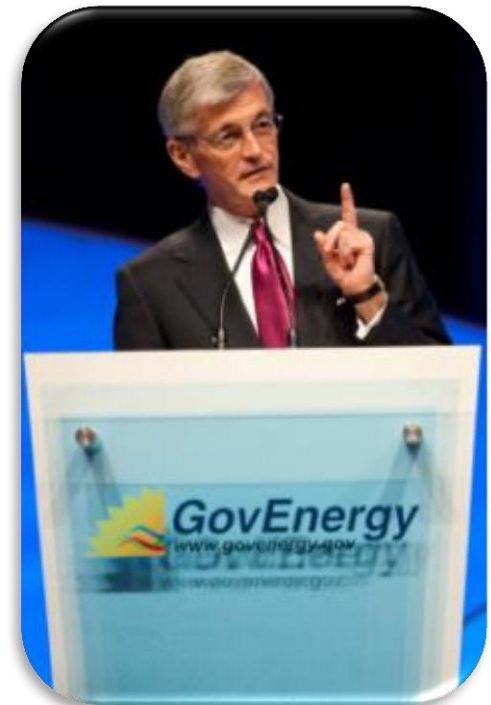
Army Energy Initiatives Task Force



Energy Initiatives Task Force (EITF) established by the Secretary of the Army on September 15, 2011.

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 **greater than 10MW**
 - Will coordinate with installations for 1-10MW opportunities
 - Potential for projects that exceed Army requirements
- Solar, Wind, Biomass/WTE and Geothermal technologies
 - Potential to support resource validation, environmental permitting, regulatory approval and other project requirements
- Will use existing DoD land-use and third-party financing authorities



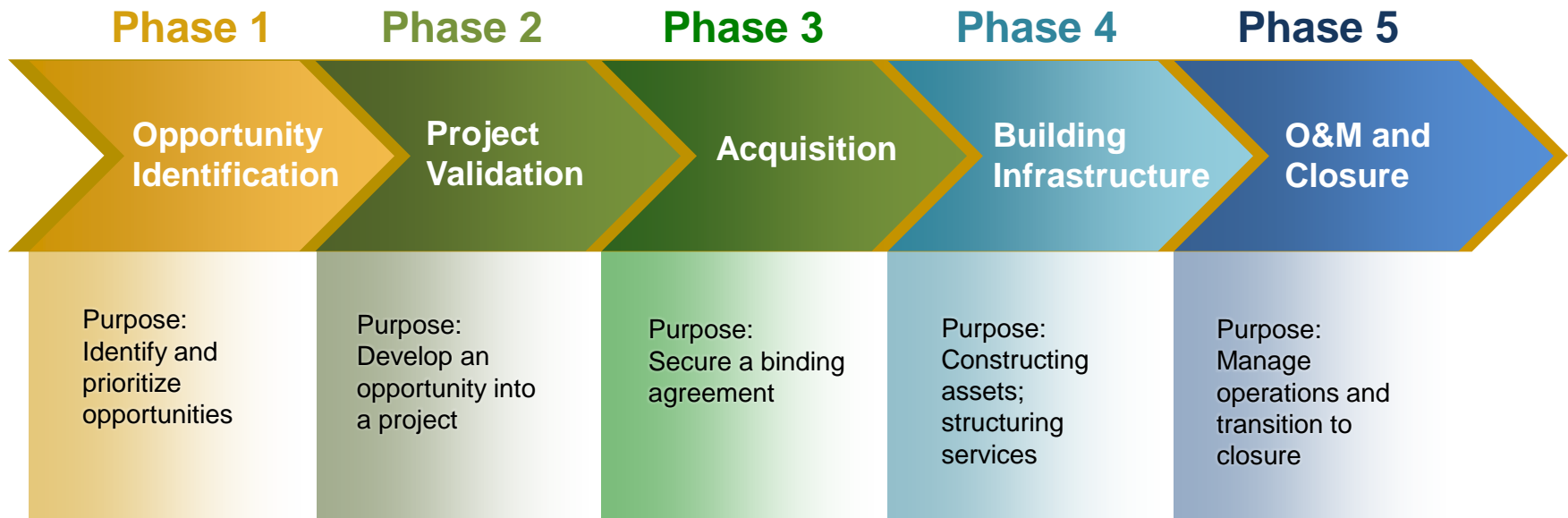
Secretary of the Army
John M. McHugh



Planning and Execution Process



The EITF is producing a process for developing large-scale renewable energy projects that is **clear, consistent and transparent**. This process will be described in a ***Renewable Energy Project Development Guide*** that will detail the five phases of project development.





Project Risk Assessment Template



Project Risk Factors are reviewed on a weekly basis to identify roadblocks and key issues for successful project development

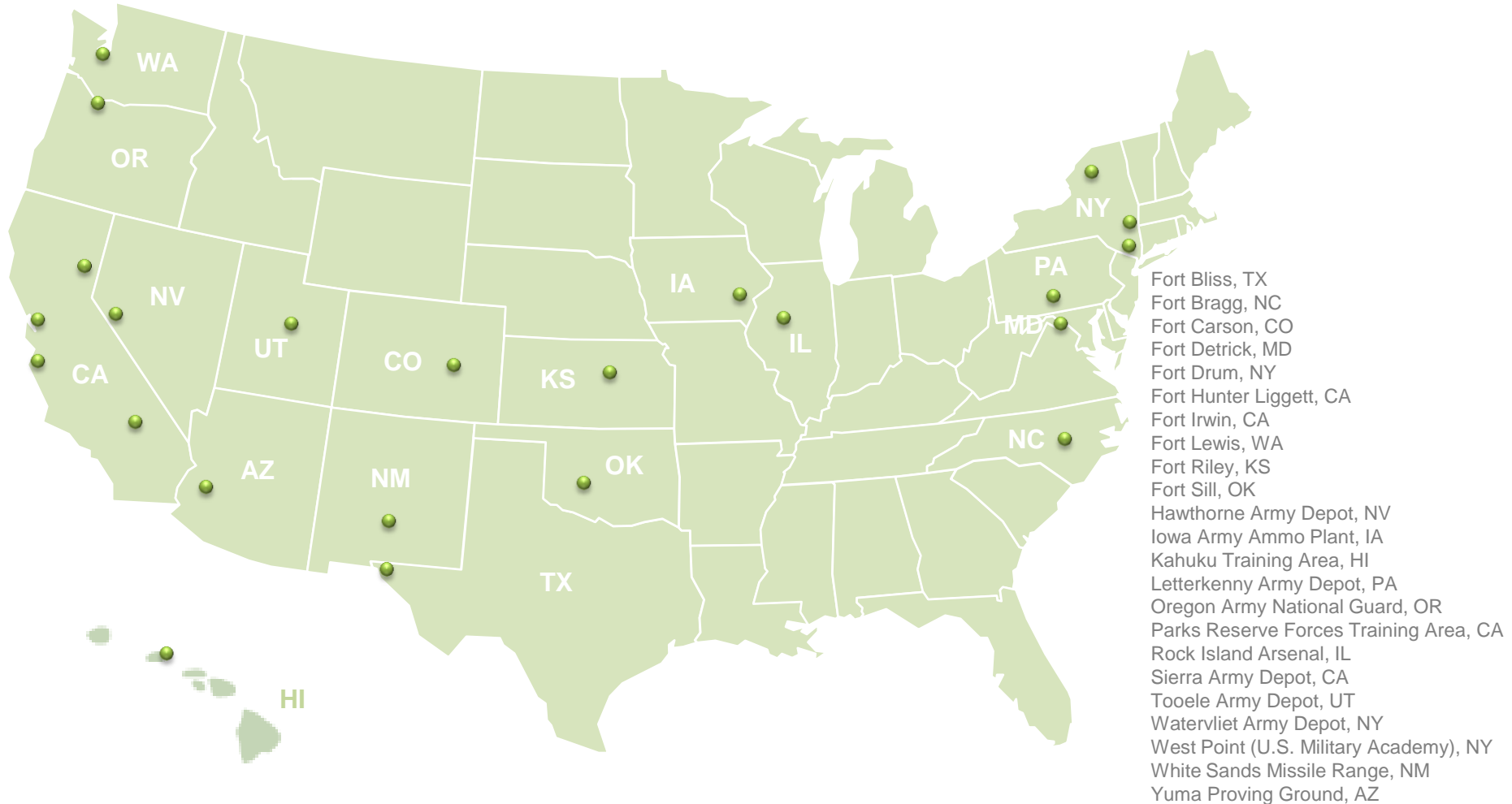


Project Risk Assessment	
Mission/ Security	<ul style="list-style-type: none">• How does project enhance energy security on Installation?• What are the possible impacts to Installation operations?
Economics	<ul style="list-style-type: none">• What is the estimate of the baseline capital cost?• Have all other development costs been included?• What is the value of any REC's?• Is resource validation required? What is the status?• What is existing utility rate and alternative tariffs?• Does Economic Case Analysis (ECA) show cost savings for Army considering current and project utility rates?
Real Estate	<ul style="list-style-type: none">• What is the approach and what authority is being used?• What are issues to obtaining required BLM agreement?
Regulatory (Legal)	<ul style="list-style-type: none">• What are the regulatory limits for interconnection, net-metering?• What is the status of getting required PUC approvals?
Off-Take	<ul style="list-style-type: none">• How much does installation use now and is this sufficient to consume all electricity?• If power is to be sold off the installation, have off-takers been identified?• What is the status of state RPS to drive demand?
Integration (Technical)	<ul style="list-style-type: none">• What are the technical issues to connect to grid (e.g., substation, line capacity, etc.)?• What is the status of required interconnect or flow studies?
NEPA	<ul style="list-style-type: none">• What are the major NEPA issues?• Who will implement NEPA and what is the timeline?
Acquisition	<ul style="list-style-type: none">• What is acquisition strategy and timeline to implement?• What performance risks are there with the developer or other partners?

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



Opportunity Assessments



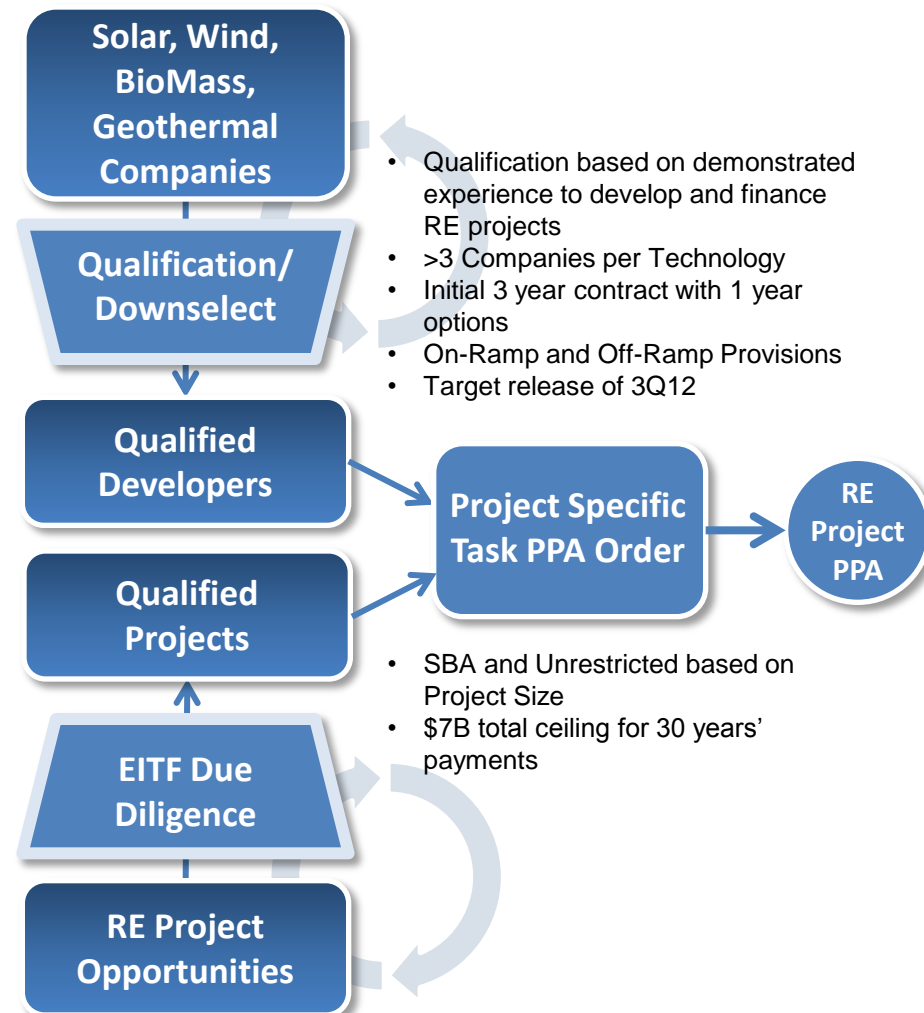


EITF Acquisition Approach



- The EITF will develop a multi-pronged acquisition strategy that can provide required flexibility beyond the Task Force term.
- We expect to utilize multiple contracting offices, potentially including the Army Corp of Engineers and Defense Logistics Agency, as well as DOE contracting authorities (WAPA, BPA, TVA).
- The EITF anticipates leveraging a Multi-Award Task Award Contract (MATOC) for PPA's being developer through USACE-Huntsville.
 - Draft RFP was issued for comment on February 24, 2012

Multi-Award Task Order Contract (MATOC)





Working with the EITF



Industry

- Register to **meet with EITF staff** to provide summaries on industry capabilities, visit www.armyeitf.com
- **Industry Days** at installations
- **Joint United States Army & United States Air Force Renewable Energy Industry Day**, June 12, 2012, Crystal City VA

Installations

- The EITF will actively work with installations to screen and provide feedback on renewable energy project opportunities based on an enterprise-wide approach.



Find the EITF



Keep updated at www.armyeitf.com



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