Army Energy Resilience

FUPWG Fall 2017

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ODASA(E&S)
“Soldier readiness starts at home, on top-quality Army installations”
- Chief of Staff of the Army Gen. Mark A. Milley

• Installations are the backbone of the Army as we deploy ground forces, prevent conflict and, shape outcomes

• Our fixed installations still face significant infrastructure risk and increasing threats

• The Army’s approach to addressing these risks has evolved from a focus on meeting mandates to a focus on mission requirements
Energy Security and Sustainability (ES2) Strategy

Inform Decisions
Optimize Use
Assure Access
Build Resiliency
Drive Innovation
**ARMY GOAL**

Strategic investments with clear mission benefits

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**Two Key Definitions**

**Resilience**: The ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions (ES2 Strategy).

**Energy (or water) security**: Having assured access to reliable supplies of energy (and water) and the ability to protect and deliver sufficient energy (and water) to meet mission-essential requirements (Pub. L. No. 112-81, section 2924, 125 Stat. 1690).

(signed by SECARMY, 23 February 2017)

- Supports the Army’s ability to project power and support global operations
- Sets a requirement to secure critical missions by providing necessary energy and water for a minimum of 14 days
- Sets a requirement for sustainment of all installation missions by
  - Assuring access to resource supply
  - Improving infrastructure condition
  - Promoting robust system operations
Installation Status Report – Mission Capacity (ISR-MC) approved by VCSA and USA (through the Senior Energy and Sustainability Council) to support energy and water security requirements

(approved by VCSA and USA, October 2016)

Installation-level assessment of Energy and Water Security Attributes:

- **CRITICAL MISSION SUSTAINMENT:** Critical mission continuity of operations for 14 days

- **ASSURED ACCESS:** Dependable supply of energy and water needed to meet evolving mission requirements during normal and emergency response operations.

- **INFRASTRUCTURE CONDITION:** Infrastructure capable of on-site storage and flexible and redundant distribution networks to reliably meet mission requirements.

- **SYSTEM OPERATION:** Trained personnel conduct required energy and water security system planning, operations and sustainment activities.

### Baseline FY17 ISR-MC Energy and Water Security Results:

#### Energy Security Summary

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#### Water Security Summary

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Strategic Readiness Platforms (SRPs) provide a way to prioritize investment based on mission requirements.

**SRP Definition:** Installations consisting of power projection capabilities, force mobilization capabilities, and/or critical infrastructure needed to train, mobilize, and deploy forces; project multi-domain capabilities; and provide materiel support for Combatant Command operations plans or contingency requirements to meet the National Military Strategy.
Conclusion