

Battlefield Renewable Energy



A Key Joint Force Enabler

Roy H. Adams III, LTC, USA
Martin F. Lindsey, Lt Col, USAF
Anthony Marro, LtCol, USMC

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DoD and the Haiti Earthquake Response – the case for BRE in non-traditional military missions?

- Impoverished nation with unreliable infrastructure before disaster
- Collapse of power generation/distribution post-quake
- DoD approach to deployable power...fuel based generation
- can't leave behind
- issues with the “ilities”



http://www.boston.com/bostonglobe/photos/photos_galleries/haiti_into_the_darkness/#!/1

What if...DoD Disaster Response forces left behind appropriate & sustainable distributed energy generation to augment and back up critical nodes in Haitian infrastructure

Overview

- **Current Policies and Directives**
- **Examples of Current Initiatives**
- **Issues and Opportunities**
- **Advocacy for Policy Change**
- **Concluding Remarks**

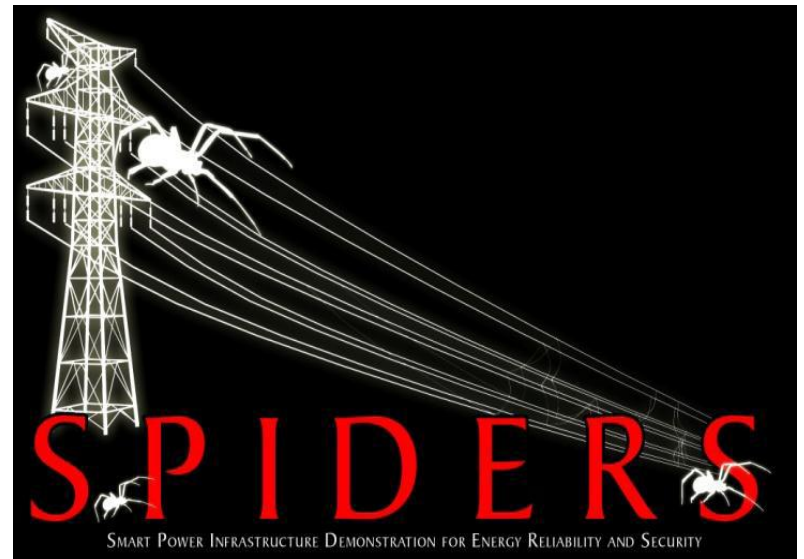
The application of BRE throughout the JOpsC enables the JFC to decrease reliance on petroleum-based energy logistics and to build appropriate and sustainable host nation energy capacity.

Current Policies, Doctrine and Directives



**DoD recognizes criticality of Energy and Capacity Building...
But what about the synergy that comes from linking them?**

Examples of Current Tech Initiatives



Issues and Opportunities



USAID
FROM THE AMERICAN PEOPLE



Solar Electric Light Fund



**U.S. DEPARTMENT OF
ENERGY**



Photo credits: <http://www.self.org>

Issues and Opportunities



Trash to energy...
Imagine the remote
village or destroyed city
with one or a hundred of
these systems deployed.



How to Effect the Needed Policy Change

- **Change in culture**
- **Partnership with the other USG agencies**
- **Partnership with other nations through security cooperation**



- **BRE must be addressed throughout all DOD planning and budgeting documents**
- **BRE requirements must feed up to the acquisition process**

Discussion/Questions

