

# Battlefield Renewable Energy

A Key Joint Force Enabler



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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](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

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- **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.**

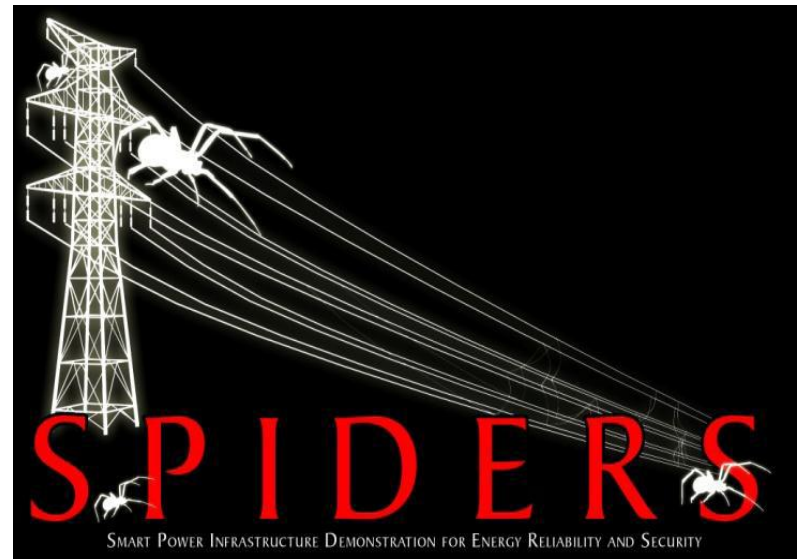
# Current Policies, Doctrine and Directives



**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

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- **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

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