Solar for Sandy Initiative

Global Green USA

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EXAMPLES OF EMERGENCY CRITICAL LOADS

- Medicine
- Communications
- Pumps
- Lighting
Rockaway Beach Surf Club
First Project of its Kind in NYC

• You can plug into it just like plugging into the wall
• Well suited for small community centers
• Easy to use and can be placed outside
• Inexpensive compared to battery backup ($3,500 retail)
• Provides up to 1.5 kW while the sun is shining
The Resilient Room
ISOLATED CRITICAL LOAD FOR EMERGENCY POWER

Sub Power Control Panel
The Design Challenge

• Design isolated loads that can function independently of the building’s main electrical load

• Combine solar and electrical engineering with interior design

• Operations to accommodate the public and/or emergency workers
Sunlight is Priceless

• The sun is always here.

• Power up emergency needs when diesel is scarce and the grid is down.

• Solar resiliency helps bring organizational education, technology innovation and workforce development.
THANK YOU

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