



Energy Center of Expertise



Energy Security



And Continuity of Public
Utility Services



Energy Center of Expertise



The Energy Center of Expertise

In addition to cost-effective measures and energy information management, the Energy Center works to enhance the reliability and availability of energy.



Straight from the top . . .



“Our government will take every possible measure to safeguard our country and our people. This administration...has the duty of putting that system into place. We will fulfill that duty.”

-- President George W. Bush

GSA's Responsibility

Under Part 18, Sec. 1801(3) of Executive Order 12656 – Assignment of Emergency Preparedness Responsibilities – GSA is tasked to:

Develop national security emergency operational plans and procedures for the use of public utility services (other than telecommunications services) by Federal departments and agencies, except for Department of Energy-operated facilities.

What is Energy Security?

- Energy security is planning contingencies for situations that disrupt energy flow to a building or group of buildings
- Energy security is the ability to operate critical systems in the event of a disruption of utility services.

GSA Guidance

- Visit <http://www.gsa.gov/energy>
- Select Energy Center of Expertise Library on the left hand side
- Under “Other Documents” select “GSA's National Security Guidance for Federal Agencies and Federal Building Operators”

Recommendations

GSA's guidance contains several recommendations, a few of which are mentioned here because of their importance. . .

Recommendations (cont'd)

- Communication is CRITICAL
 - Have pre-arranged communication plans with local serving utilities, state and local government entities, employees, and contractors.
 - Use home and cell phone numbers, email, or carrier pigeons if necessary!

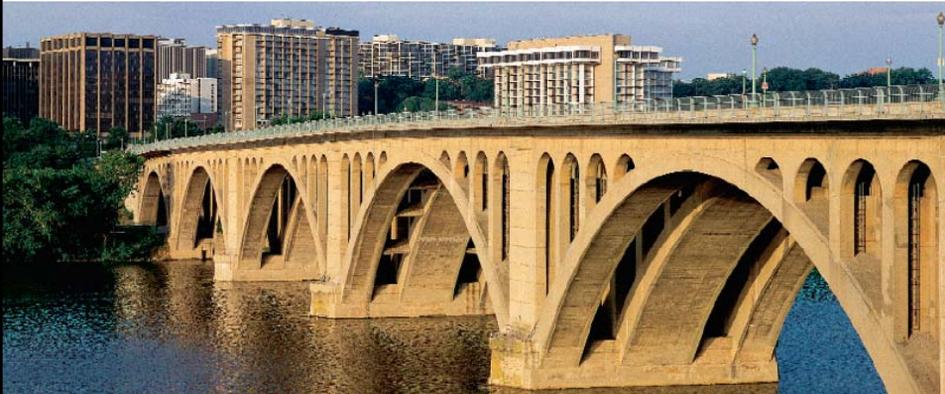
Recommendations (cont'd)

- Be familiar with LSU emergency operating plans, and understand restoration priorities BEFORE the plan goes into effect.
- Have necessary energy system information and documentation ready
 - example: electronic single line diagrams

Recommendations (cont'd)

- Head Murphy off at the pass
In other words, have contingency plans in place.

Building Enhancements



Consider Distributed Generation

- Distributed generation can provide secure and highly available power with the potential for economic advantages.
 - Small generators can peak-shave when advantageous from market perspective.



Energy Efficiency Pays Off!

- Intuitively, the less energy we consume the better for grid stability and restoration.
 - Consider building energy conservation projects as investment in energy security.



Summary

- Energy security is a participative process. Be sure to involve all internal and external groups to devise a specific plan for your facilities.
- Use the GSA guidance as a starting point.





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For more information

Contact the Energy Center of Expertise

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THANK YOU!!!

