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Southern Alliance for
Clean Energy



Energy in North Florida: Policy & Resiliency Workshop

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August 13, 2012
Gainesville, FL

About Us

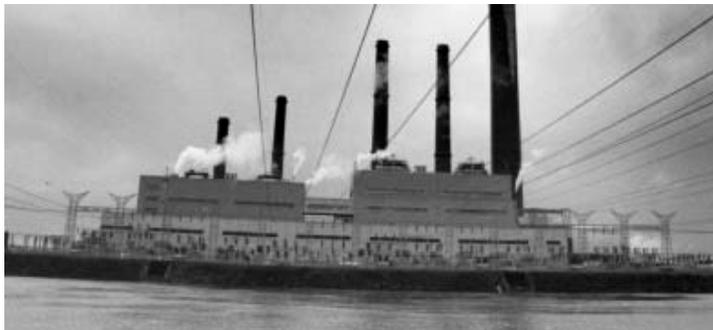
The Southern Alliance for Clean Energy (SACE) promotes responsible energy choices that create global warming solutions and ensure clean, safe, and healthy communities throughout the Southeast.

We focus on policy opportunities for Florida, Georgia, South Carolina, North Carolina, Tennessee and the Southeast region.



Powering Florida's Energy Resiliency

- Florida's energy future and resiliency is at a crossroads
- State and regional vulnerabilities:
 - potential fuel import shortages; end of pipe
 - centralized system disruptions
 - public health & safety threats
 - economic losses



Long Range Infrastructure Planning Needed

- Transition from temporary disaster planning to building durable resiliency
- Invest in energy resources that reduce disaster risks and provide energy lifeline during emergencies
- Must be affordable and safe at macro and local levels
- Essential to build local and regional independence



Maximize Regional Demand Reduction Capability

- More efficient use of energy means less supply side energy needed during emergencies – a win/win for everyone
- Preparing to reduce energy use during a shortage can encourage ongoing conservation
- Region must prioritize and tap large demand side reserves now to make them work well over time
- State-wide demand side planning should be top priority to help build regional long term resiliency



Build Diversified, Renewable Energy Infrastructure

- Solar, biomass and wind are geographically dispersed resources
- Independent of imported fuel
- Can become operational faster in emergencies than larger, centralized plants
- Increased # of stand alone generating sites = lower vulnerability to emergency outages
- Tap & expand existing solar disaster support base
- Address grid integration challenges



More Ideas to Consider

- Combined Heat & Power resiliency during Katrina outages
- Portland General Electric's high reliability zones in mixed sectors with strategically placed renewable energy and storage backups (on first call diesel generators)
- Rocky Mountain Institute's "Reinventing Fire: Bold Business Solutions for the New Energy Era" <http://www.rmi.org/ReinventingFire>



Questions?

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