



Kemper County Energy Facility Site

Carbon Sequestration Leadership Forum Fifth Ministerial Meeting CEO Panel, November 7, 2013 Summary of Remarks by Southern Company Chairman, President and CEO Thomas A. Fanning

- Carbon capture and storage must be viewed in the context of utilizing the full portfolio of energy resources (21st century coal, nuclear, natural gas, renewables and energy efficiency) to serve customers.
- Forty-eight percent of Southern Company customers make less than \$40,000 a year – they want to improve their standard of living. America’s energy providers have perhaps the greatest potential to positively influence our economy.
- Southern Company is committed to energy innovation and is the only U.S. electric utility company committed to proprietary research and development.
- A product of this commitment is the 21st century coal gasification technology, developed by Southern Company with DOE and other partners, that will be used in Southern Company subsidiary Mississippi Power’s Kemper County energy facility.
- The Kemper facility will provide clean, safe, reliable and affordable energy to the people of Mississippi for decades with a carbon footprint better than a comparably-sized traditional natural gas generating plant.
- With a growing worldwide need for clean, safe, reliable and affordable energy, it is vital that we work to create technologies that enable the continued use of coal, one of the most abundant energy resources.
- The technology behind the Kemper facility can be a global solution where conditions are right, for example in countries that have large supplies of low rank coals such as sub-bituminous coal and lignite.

Kemper County Energy Facility Facts

- 582-megawatt capacity
- Located in Kemper County, Mississippi, about 20 miles north of Meridian
- Fueled by Mississippi lignite, approximately 4 million tons used per year (4 billion mineable tons available in Mississippi alone)
- Designed for at least 65 percent carbon capture; captured CO₂ to be used for enhanced oil recovery
- Nearly 12,000 direct and indirect construction jobs; more than 1,000 direct and indirect permanent jobs
- U.S. Energy Secretary Dr. Ernest Moniz and an international delegation of government and industry leaders toured the Kemper facility in November 2013 to see firsthand its innovative 21st century coal technology