



## Importance of the SSEB Clean Coal Committee to the U.S. DOE

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# “Mission Statement”

“The purpose the current grant to the Southern States Energy Board (SSEB) is to **promote and sustain clean coal and carbon capture and storage (CCS) technology use and development “at the State level” in the southern US**, a region that has a past history of being open to coal use and benefitting from coal development. . .Specifically, the grant promotes and sustains clean coal and CCS technology and requires **maintaining a Committee on Clean Coal and Energy Technologies Collaboration**, composed of Federal, state and private sector members, that **focuses on the development and utilization of coal and new technologies for increased market penetration in the US and abroad.**”

# History/Procurement Vehicle

- The first grant given to SSEB from DOE's Coal Office was awarded in 1984. This grant established the SSEB Clean Coal Committee.
- The SSEB Clean Coal Committee has been continually in operation for over 30 years.
- In April 2015, DOE just completed its 7<sup>th</sup> consecutive 5-year grant to SSEB, ensuring that we will have the SSEB Committee through at least 2020.
- All of these grants have been awarded non-competitively.

Organization	Federal Representative (U.S. Presidential Appointee)	Governors	Governor's Energy Advisors	State Legislators	State Regulators	Industry
CONEG		✓				
CSG				✓		
NARUC					✓	
NASEO			✓			
NCSL				✓		
NGA		✓				✓
SGA		✓				✓
<b>SSEB</b>	✓	✓	✓	✓	✓	✓
WGA		✓				
WIEB	✓		✓			



# History – Demo Program

- The SSEB and the Committee has supported the DOE Coal program since the early 1980's by promoting activities focused on the development and utilization of coal technologies.
- Significant involvement began with the initial CCT program in support of the original 5 solicitations aimed at improving the environmental performance of coal use with a variety of technologies, and continued into PPII and CCPI.
- During this period the SSEB participated in the CCT planning of annual conferences and garnered industrial stakeholder support for the program

# History – SECARB

- SSEB's staff of CCS experts is leading the DOE-funded Southeast Regional Carbon Sequestration Partnership (SECARB), which is the first of the regional partnerships to **deploy a fully integrated CCS commercial prototype utilizing post-combustion CO<sub>2</sub> capture** from a coal fired power plant.
- The SSEB has provided **communication and outreach** activities related to carbon capture and storage based on expertise gained through the SECARB Regional Partnership
- The SSEB has also supported efforts in providing **technology training** through the SECARB-EDUCATION program

# History - Global Competitiveness of Clean Coal

- The Committee has conducted numerous **international forums and workshops in support of DOE's international collaborative efforts** to increase the competitiveness of US technology abroad and **participated in CSLF**.
- Participation in **trade missions** to promote US products and technology
- Coordination with **multi-lateral finance agencies** to leverage funding of programs
- The SSEB provides **regional forums** related to issues on coal use such as **water utilization and ash disposal**
- Conduct labor force studies to identify **regional issues on work force training needs**
- Facilitates the **education of environmental regulators** to ease institutional barriers to coal technology implementation

# History - Key Resolutions

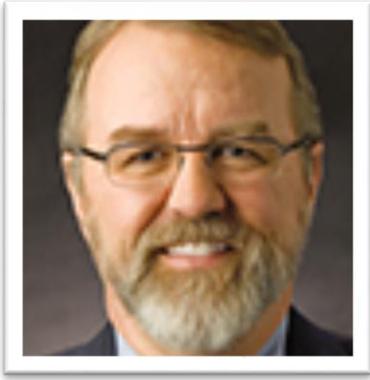
## Resolution Concerning U.S. EPA's Proposed Greenhouse Gas Emission Guidelines for Existing Fossil-Fueled Power Plants - Adopted on September 29, 2014

- “BE IT FURTHER RESOLVED, that EPA should adopt policies that do not conflict with the responsibility of each state to provide affordable and reliable supplies of electricity for its citizens; and”
- “BE IT FURTHER RESOLVED, the United States Department of Energy, Office of Fossil Energy should receive an increased appropriation to provide funding to further develop carbon capture and storage technology essential to ensuring that coal remains a vital and competitive asset in the United States’ energy portfolio; and”

# David Mohler

## Deputy Assistant Secretary

### Office of Clean Coal and Carbon Management



- David is responsible for the DOE's R&D program in advanced fossil energy systems, large demonstration projects, carbon capture, utilization, and storage (CCUS), and clean coal technology deployment.
- Mr. Mohler served as Senior Vice President and Chief Technology Officer for Duke Energy
- David also served as Vice President of Strategic Planning for Duke Energy and Cinergy (prior to Cinergy's merger with Duke)
- David has operational experience in both nuclear and fossil power generation, as well as experience in corporate marketing, human resources and business development.
- **Education:**
  - B.A. from Indiana University
  - B.S. from the University of the State of New York at Albany
  - M.A. from Xavier University of Cincinnati
  - M.S. from the University of Pennsylvania.