



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

Joseph Giove III

Director of Coal Business Operations

Office of Clean Coal & Carbon Management

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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 7th 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		✓				✓
SSEB	✓	✓	✓	✓	✓	✓
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 CO₂ 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.