Southern States Energy Board
Briefing to Associate Members

Washington, D.C. | February 25, 2019
By: Kenneth J. Nemeth, Secretary & Executive Director
MISSION STATEMENT

Through innovations in energy and environmental policies, programs, and technologies, the Southern States Energy Board enhances economic development and the quality of life in the South.
• Nonprofit, Interstate Compact Organization, created by state law and consented to by Congress (PL 87-563, PL 92-440)
  – Voluntary arrangement between 2+ states that is designed to solve their common problems and that becomes part of the laws of each state
• 16 U.S. States and Two Territories
• Each jurisdiction represented by the governor, a legislator from the House and Senate, and a governor’s alternate
• Federal Representative appointed by U.S. President
SSEB Associate Members

• Founded in 1981-82
• 42 member entities serve in advisory capacity to the Board
  – Recommend issues suitable for in-depth investigation
  – Track and discuss key issues and emerging legislative priorities/trends of interest to the Associate Members
  – Assist in developing policy resolutions/positions for presentation and consideration by the Board to be presented to federal and state policy-makers documenting regional consensus
  – Participate in Public/Private Partnerships

2018-2019 Officers

Chairman: Mr. George Guidry, Koch Companies Public Sector, LLC

Vice Chairman: Ms. Jennifer Jura, Edison Electric Institute

2nd Vice Chairman: Mr. Danny Gray, Charah, Inc.

Immediate Past Chairman: Mr. Dave Cagnolatti, Phillips 66
31 State Agencies, Colleges, and Universities Funded by SSEB
In 2018
31 State Agencies, Colleges, and Universities Funded by SSEB (continued)
Special Projects & Activities
True to Our Mission

Special Projects & Activities
- Regional Emergency Motor Fuel Waiver
- Governors Energy Caucus
- Annual Energy Briefing to Southern Legislative Leaders
- “Energy Day”
- Energy and Environment Legislative Digest
- Strategizing an Electric Policy and Regulatory Framework in Puerto Rico
- Board Resolutions
- Presidential Initiative
Regional Emergency Motor Fuel Waivers & Supply Shortages

- Hurricanes impact Gulf Coast refineries and motor fuel supplies and distribution (Harvey in 2017 – 38 states affected)
- EPA requires reformulated gasoline & low volatility gasoline through September 15
- EPA has waiver authority under the Clean Air Act to allow continued sales of “less controlled” gasoline
- Waivers ensure adequate supply of fuel throughout the South & Mid-Atlantic
- Need: *Accelerate regional waiver process*
Governors Bryant (MS), Bevin (KY), and Edwards (LA)

SSEB’s 58th Annual Meeting | Biloxi, Mississippi
September 17, 2018

- Energy infrastructure improvements
- Workforce development
- Innovations in energy consumption (e.g., aerospace in KY, EV charging station rollouts)
- Energy Storage
- Energy security and resiliency (including cybersecurity)
- Coal Unit Retirements
- Nuclear Power
- Other topics
Annual Energy Briefing to Southern Legislative Leaders

• Legislative trends, including roundtable discussion on new energy and environment laws
• Presentations on energy and environmental issues impacting the southern states
• Save the Date!
  – July 13, 2019 in New Orleans
Celebrating Energy Day in Alabama!

2017 Panelists
• AL Power
• Coalbed Methane Association
• ExxonMobil
• PowerSouth
• State Geologist
• TVA

2018 Speakers
• Partnership for Affordable Clean Energy
• University of Georgia

2019: April 9
Key pieces of legislation:

- The Primacy and Reclamation Act of Tennessee
- The Puerto Rico Electric System Transformation Act
- Resolutions in Support of the Appalachian Storage Hub

Protecting critical energy-generating infrastructure, improving disaster response, and wastewater management continue to trend as legislative priorities in the Southeast.
Strategizing an Electric Energy Policy and Regulatory Framework in Puerto Rico

Goals

• Work with the Governor and Legislature of Puerto Rico (PR) to establish a reliable, affordable, and sustainable electric energy grid system for the Island
• Develop a policy and legal framework to provide a regulatory regime for a privatized electric energy grid system in Puerto Rico

Objectives

• Build a stakeholder participation network;
• Create potential legislative options for an electric energy grid system;
• Define the long-term goals and objectives of policies and a regulatory framework; and
• Review risks associated with privatization of the Puerto Rico Electric Power Authority (PREPA).
To ensure fuel diversity and future of U.S. coal industry, we must enable the next generation coal energy renaissance...

- Incentivize pilot projects for new and transformational technologies at low technical readiness levels (TRLs)
- Facilitate full utilization of our Nation’s coal resources
- Lead a power resurgence that accelerates the President’s push for U.S. Energy Dominance in world markets
- Met with White House, President’s Energy Advisor Wells Griffith
- Assembling Industry-led Team
• **Ensuring Electric Grid Resilience and Diverse Resource Generation (1.2018)**
  – Coal is an abundant resource providing reliable, secure, resilient power supply
  – Fuel Diversity is a great asset; base-load generation, coal and nuclear power are key to grid stability
  – Resilience of electric grid depends on integration of all forms of generation
  – Premature retirements of fuel-secure power plants create grid vulnerabilities
  – SSEB supports preservation of fuel-secure generation

• **Urging Removal of Clean Air Act Section 111(b) and Related Federal Implementation Plans (2.2018)**
  • Coal is a vital resource to electric generating mix and coal plants are being shut down prematurely
  • Federal Implementation Plans create undue regulations that eliminate coal as generating option
  • SSEB supports states implementation and removal of 111(b) rules
• Amending the Resource Conservation and Recovery Act to Encourage Reclamation of Coal Combustion Residual Resources from Surface Impoundments and Landfills (3.2018)
• Supporting Transformational Science and Technology Innovation to Advance U.S. National Security and Economic Growth (4.2018)
• Supporting Energy Security for Consumers (5.2018)
• Recommending Policies that Mitigate Market Distortions and Create Transparency (6.2018)
• Supporting the Reconsideration of Corporate Average Fuel Economy (CAFE) Standards (7.2018)
• Accelerating the Issuance of Regional Energy Fuel Waivers During Supply Shortages (8.2018)

All resolutions passed since 2011: https://www.sseb.org/publications/resolutions/
Long-Term Policy & Technical Programs
Long-Term Policy and Technical Programs

- Carbon Management
- Committee on Clean Coal Energy Policies and Technologies
- Transuranic Waste Transportation
- Southern Emergency Response Council
- Radioactive Materials Transportation Committee
- Foreign Research Reactor Spent Nuclear Fuel Transportation
Industrial and Commercial CO₂ Utilization Applications
SECARB CCUS Demo

- SSEB’s SECARB Demo at Plant Barry (Bucks, AL)
- 25 MW post-combustion slip-stream carbon capture
- 12-mile pipeline to Citronelle, AL, for storage
Petra Nova - Emergence of CCUS in South

**SSEB Demo Goes Commercial!**

- NRG Energy (Houston, TX)
- Interest in Plant Barry Demonstration
- Plant scale-up to 240 MW
- Post-combustion slip-stream
- Captures 5,200 tons CO₂/day or 90% of CO₂
- Pipeline to Petra Nova West Ranch Oil Field (81 miles)
- EOR 300 bbls/day to 15,000 bbls/day!
- 60 million bbls Recoverable Reserves
### Upcoming Events

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 27-28, 2019</td>
<td>Southeast Regional Carbon Sequestration Partnership 14th Annual Stakeholders Briefing</td>
<td>Atlanta, Georgia</td>
</tr>
<tr>
<td>April 9, 2019</td>
<td>Alabama Energy Day</td>
<td>Montgomery, Alabama</td>
</tr>
<tr>
<td>May 20-21, 2019</td>
<td>SSEB Committee on Clean Coal Energy Policies and Technologies</td>
<td>Kingsport, Tennessee</td>
</tr>
<tr>
<td>July 12-13, 2019</td>
<td>SSEB 2019 Legislative Briefing (held in conjunction with the Southern Legislative Conference Annual Meeting), Members Dinner on 7/12/19 and Briefing on 7/13/18</td>
<td>New Orleans, Louisiana</td>
</tr>
<tr>
<td>September 2019</td>
<td>SSEB 59th Annual Meeting, Hosted by Kentucky Governor Matt Bevin, SSEB Chairman</td>
<td>Kentucky</td>
</tr>
</tbody>
</table>

[http://www.sseb.org/news-and-events/]
Join our mailing list for upcoming news and events by visiting http://www.sseb.org and clicking “Join Now” at the bottom of our home page.