

The seal of the Office of Regulatory Staff, State of South Carolina, is a circular emblem. It features a central figure of a person, possibly a Native American, holding a bow and arrow. The text "OFFICE OF REGULATORY STAFF" is written around the top inner edge of the circle, and "STATE OF SOUTH CAROLINA" is written around the bottom inner edge. The seal is rendered in a light blue, semi-transparent style.

Office of Regulatory Staff Energy Office

SECTION 48-52-410. State Energy Office established; purpose.

There is established the State Energy Office within the Office of Regulatory Staff which shall serve as the principal energy planning entity for the State. Its primary purpose is to develop and implement a well-balanced energy strategy and to increase the efficiency of use of all energy sources throughout South Carolina through the implementation of the Plan for State Energy Policy.

Infrastructure

Current Energy Use and Resources

Environmental Regulations

Future Energy Use and Resources

Policy Recommendations

- Utilities operating in the State and oversight
 - Investor-owned
 - Cooperatives
 - Municipal systems
 - Santee Cooper
- Current status of electric and gas transmission system
- Infrastructure limitations and threats
 - Severe weather
 - Cyber attacks
 - Age
- Reliability



Infrastructure

Current Energy Use and Resources

Environmental Regulations

Future Energy Use and Resources

Policy Recommendations

- Who consumes energy?
- What resources generate our electric power
- What role do energy efficiency and demand response play in meeting energy demand?
- State building energy consumption
 - State spending on building energy use
 - 2020 reduction mandate
- State electricity capacity/generation mix
 - In-state generation vs. in-state use
- Transportation



Infrastructure

Current Energy Use and
Resources

Environmental Regulations

Future Energy Use and
Resources

Policy Recommendations

- Existing regulations impacting energy use
- EPA's Clean Power Plan
 - The Clean Power Plan must closely align with the State Energy Plan
 - Low carbon future
 - New nuclear development



Infrastructure

Current Energy Use and
Resources

Environmental
Regulations

**Future Energy
Use and
Resources**

Policy Recommendations

- What will drive consumption in the future?
- What resources will we have available in the future?
- What role will energy efficiency and demand response play in the future?
- Future electric capacity/generation mix
- Future of transportation
 - Growth of alternative fueled vehicles and supporting infrastructure
 - Expanded public transit options
 - Electric vehicles and the grid



Infrastructure

Current Energy Use and
Resources

Environmental
Regulations

Future Energy Use and
Resources

**Policy
Recommendations**

- Environmental Justice Considerations
- What do you think?



Comments or Suggestions

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