The Technologies of the Future:
What impacts will these new technologies have on the utility resources and regulatory models?

NMSU Center for Public Utilities Advisory Council Conference

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Carbon Capture and Storage Projects

Post-Combustion

Pre-Combustion/Gasification

Oxy-Combustion

National Carbon Capture Center
• U.S. DOE facility operated by Southern Company.
• Accelerates commercialization of technologies.
• Coal or natural gas constituents tests.
• Enables coal-based power plants to achieve near-zero emissions.

25-MW CCS Demo at Plant Barry
• 90% CO$_2$ capture.
• Capture, compression, transport, sequestration.
• >100,000 tons sequestered, ~230,000 tons captured.
• World’s largest CCS facility on a fossil-fueled power plant.