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Southeast Regional Carbon Sequestration Partnership (SECARB) A Southern States Energy Board

Carbon Management Program

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Excellence in the Field



Dr. Jack Pashin, GSA, describes the monitoring well design at the SECARB Phase II Black Warrior Basin field test site.

CO₂ Injection Begins at the SECARB Phase II Black Warrior Basin Coal Seam Project

The Southern States Energy Board and its SECARB partners are pleased to announce that the Phase II Black Warrior Basin Coal Seam Project is underway. On June 15, 2010, Jack Pashin, Ph.D. of the Geological Survey of Alabama (GSA) reported that carbon dioxide (CO2) injection, storage, and monitoring activities began at the field test site located near Tuscaloosa, Alabama. This is the fourth and final field test to be conducted under the SECARB Phase II Program.

The project team is employing monitoring, verification, and accounting protocols at the surface and in the subsurface to ensure the storage of CO2. The target formations for storage include the Pratt, Mary Lee, and Black Creek coal groups. The primary objectives of this field demonstration are to determine: 1) the feasibility of sequestering CO2 in mature coalbed methane reservoirs to mitigate greenhouse gas emissions; and 2) if sufficient injectivity exists to efficiently drive CO2-enhanced coalbed methane recovery.

The project is managed locally by GSA, and the site host is El Paso Exploration and Production. Other partners in the study include Southern Company, the University of Alabama, and the Virginia Center for Coal and Energy Research at Virginia Tech.

Related Links:

View the DOE Fossil Energy TechLine "Alabama Project Testing Potential for Combining CO2 Storage with Enhanced Methane Recovery" issued on June 16, 2010

About Us

The Southern States Energy Board (SSEB) is an interstate compact comprised of governors and state legislators from sixteen southern states, Puerto Rico, and the U.S. Virgin Islands. SSEB's mission is to enhance economic development and the quality of life in the South through innovations in energy and environmental policies, programs, and technologies.

SSEB manages the Southeast Regional Carbon Sequestration Partnership (SECARB), a regional network of more than 100 stakeholders with a common goal of determining the best approaches for capturing and permanently storing gases that can contribute to global climate change.

SECARB is funded by the U.S. Department of Energy/National Energy Technology Laboratory with cost-sharing by SECARB partners.

Questions

If you have any questions, please contact:

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