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DOE to invest \$8.5M in carbon storage research projects

August 12, 2016 Coal, Crude Oil, Government, Natural Gas, News, North America, Unconventionals 0



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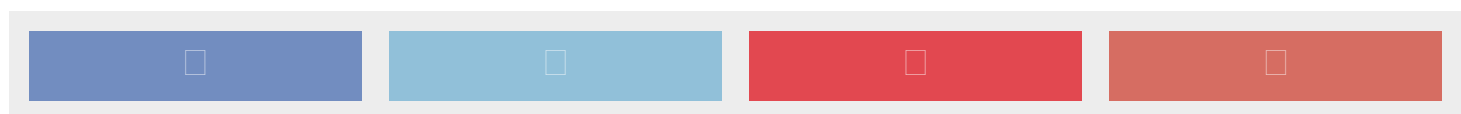
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Fossil Energy Office will make more than \$8.5 million in investments in carbon storage research projects, Kallanish Energy understands.

The Fossil Energy Office's objective is to deploy and validate prototype carbon storage monitoring, verification, and accounting (MVA) technologies in an operational field environment, it said.

Specifically, DOE plans to spend:

- \$2.48 million to help the University of North Dakota Energy & Environmental Research Center at Grand Forks, along with Seismos, CMG and Denbury Resources, deploy for validation a new, low-impact method to monitor injected carbon dioxide (CO₂) from the surface at Bell Creek field in southeastern Montana.
- \$1.11 million to assist the Colorado School of Mines at Golden, Colorado, the U.S. Geological Survey, and the University of Utah's attempt to advance the integration of geophysical and reservoir simulation tools to monitor CO₂ movement and storage permanence at a site in Farnsworth, Texas.
- \$2.5 million to help the University of Texas at Austin's Bureau of Economic Geology's Gulf Coast Carbon Center deploy and validate a novel, ultrahigh-resolution 3D marine seismic technology for carbon storage monitoring, verification and accounting. The work will be performed at the Tomakomai site, a fully developed carbon capture and storage project off the Japanese island of Hokkaido.
- \$1.78 million to support Clemson University and the Georgia Institute of Technology's project to advance design of optical fiber borehole strain meters, which measure deformation of the Earth, and test the improved designs at a commercial-scale injection site.
- \$683,699 to help GPUSA of Chatsworth, California, Lawrence Berkley National Laboratory, and the Carbon Management Canada Containment and Monitoring Institute validate, in an operational field environment, GPUSA's low-cost automated borehole seismic source systems.



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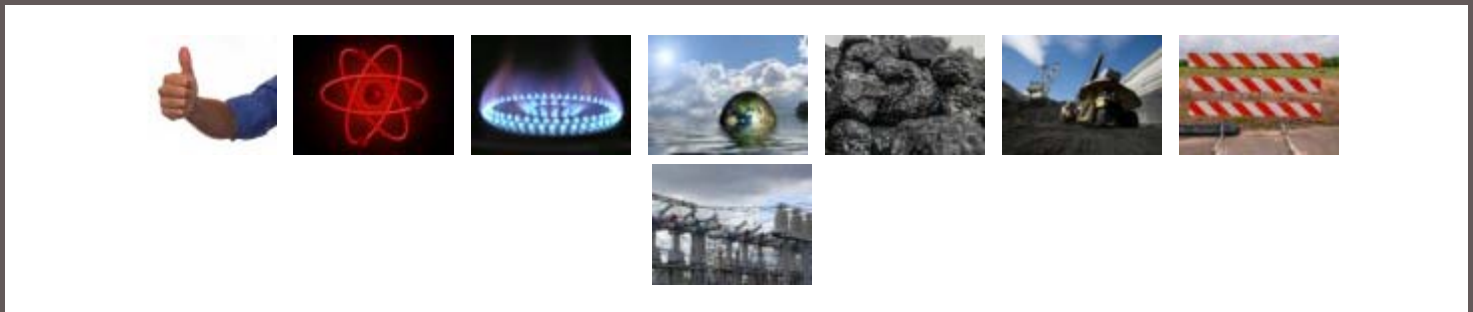
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