

Clean Energy. More U.S. oil. That's independence!



Texas Know-How

For more than 30 years, Texas operators have maximized their production by using what is called Enhanced Oil Recovery, or EOR. This means that carbon dioxide (CO₂) is put into the ground to push oil reserves to the surface. Today's EOR activities in the Permian Basin are the largest in the world! Now Texans could be in the enviable position of showing how CO₂—cited by many as contributing to climate change—can be harnessed to help the U.S. become energy independent.

Advanced Technology

The Tenaska Trailblazer Energy Center, proposed near Sweetwater, would capture this greenhouse gas on a commercial scale for use in broader EOR

activities. The first-of-its-kind power plant would capture 85 to 90 percent of the CO₂ that is generated—enough to produce an additional 10 million barrels of oil through EOR annually.

Tenaska Steps Forward

Carbon capture is a proven technology that is being used successfully in small industrial processes and demonstration projects. Contrary to media reports, conventional coal-fueled plants—including many of the newer, existing coal operations—could successfully cut CO₂ emissions dramatically by following Tenaska's lead. With its decades of innovative engineering experience, Tenaska has the confidence, expertise and environmental commitment to make this project a reality.

Just think. Cleaner air, enough electric power to serve 600,000 homes, less reliance on unpredictably priced natural gas, new well-paying jobs and a multi-million-dollar boost to the West Texas economy, and reduced need for imported energy. Now that's independence!

"We need more Tenaskas on the energy and environmental fronts—companies willing to stick out their necks and stretch their pocketbooks to give America not only more energy but cleaner energy."

FORT WORTH STAR-TELEGRAM (3-28-08)

TENASKA®