

Introducing the NEXT generation for baseload electric power— Tenaska Trailblazer Energy Center

Applying proven new technology and benefiting the local economy.

The Tenaska Trailblazer Energy Center, proposed near Sweetwater in Nolan County, is a “next generation” power generating station that will be one of the cleanest coal-fueled power plants in the nation. Trailblazer would be designed to capture 85 to 90 percent of the carbon dioxide (CO₂) emissions. **No conventional coal-fueled power plant in the U.S. today employs this proven technology for carbon management on a commercial scale.**

CO₂ is considered by many to be a greenhouse gas associated with global climate change. **Trailblazer will serve as a prototype and international showcase for the energy industry, demonstrating how carbon capture technology can be employed at existing conventional coal-fueled energy facilities and enhancing this region’s reputation as the “Clean Energy Capital of the World”.**

Trailblazer’s captured CO₂ would be delivered via pipeline to Permian Basin oil fields where it will be used to **increase oil production by approximately 10 million barrels a year** and ultimately be stored in geologic formations. This process, called enhanced oil recovery, has been utilized by Texas oil producers for more than 30 years, providing a path toward U.S. energy independence.

To learn more about the Trailblazer Energy Center, visit www.tenaskatrailblazer.com.

Trailblazer Energy Center also offers numerous energy and economic benefits:

- **Enough electricity to serve 600,000 homes,**
- **Fuel diversification for Texas,**
- **1,500 jobs at peak construction,**
- **More than 100 new permanent well-paying jobs in Nolan County, and**
- **Construction costs estimated at more than \$2 billion to boost this area’s economy.**

The first-of-its-kind Tenaska Trailblazer Energy Center would be designed to capture 85 to 90 percent of the carbon dioxide it produces and deliver it via pipeline to Permian Basin oil fields for use in enhanced oil recovery. It would deliver 600 megawatts of electricity, enough to power approximately 600,000 homes.

TENASKA®

