



Climate Change Legislation And The Energy Sector

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Tenaska – What Is It?

- Independent Energy Company with Expertise in...
 - Project Development
 - Financing
 - Operations
 - Conceptual Engineering & Construction Management
 - Fuel Supply & Transportation
 - Marketing
- Founded in 1987
- 25th Largest Privately Owned U.S. Company Per *Fortune* Magazine
- Privately Held by Employees and Their Families
- 650 Employees

Two Active Power Development Projects

- Taylorville Energy Center – Taylorville, Illinois
 - Integrated gasification combined-cycle plant (IGCC) that converts coal to natural gas product used as fuel to produce power.
 - Approaches emission profile of natural gas
- Trailblazer Energy Center – Sweetwater, Texas
 - Advanced technology coal plant designed to capture 85-90% of carbon dioxide.

Challenges Facing Carbon Capture & Storage

- Regulatory Uncertainty
 - Timing and Stringency of Legislation
 - Incentives for Early Adoption of CCS Technology
 - Sequestration Site Permitting and Certification
 - Long-Term Care of Geologic Sequestration Sites
- Economic
 - Construction Costs
 - Capital Cost
 - Energy Pricing (coal, natural gas, carbon, electricity)