CCS Demonstration Projects
Locations & Cost Share

**FutureGen 2.0**
Large-scale Testing of Oxy-Combustion w/ CO₂ Capture and Sequestration in Saline Formation
- Plant: $737M – Total; $590M – DOE
- Trans. & Storage: $553M – Total; $459M – DOE
- Project: ~$1.3B – Total; ~$1.0B – DOE

**Archer Daniels Midland**
- Mountaineer Power Plant
- CO₂ capture from Ethanol plant
- CO₂ stored in saline reservoir
- $208M - Total
- $141M - DOE

**Southern Company**
- Kemper County IGCC Project
- IGCC-Transport Gasifier w/ Carbon Capture
- ~$2.67B – Total
- $270M – DOE

**HECA**
- Commercial Demo of Advanced IGCC w/ Full Carbon Capture
  - ~$2.8B – Total
  - $408M – DOE

**Summit TX Clean Energy**
- Commercial Demo of Advanced IGCC w/ Full Carbon Capture
  - ~$1.7B – Total
  - $450M – DOE

**NRG**
- W.A. Parish Generating Station
- Post Combustion CO₂ Capture
  - $339M – Total
  - $167M – DOE

**Air Products**
- CO₂ capture from Steam Methane Reformers
- EOR in eastern TX oilfields
  - $431M - Total
  - $284M - DOE

**Leucadia Energy**
- CO₂ capture from Methanol plant
- EOR in eastern TX oilfields
  - $436M - Total
  - $261M - DOE

**Awarded CCPI**
- FutureGen 2.0
- ICCS Area 1