Sargent & Lundy offers the technological know-how for making informed decisions when evaluating and implementing post-combustion CCUS technologies. We are the industry leader in CO₂ capture technologies with experience and capabilities for executing pilot- to commercial-scale projects.

Our CCUS services encompass feasibility studies, preliminary conceptual designs, front-end engineering and design (FEED) studies, plant integration planning, balance-of-plant (BOP) detailed designs, permitting support, and project and construction management. We have collaborated with technology suppliers, utilities, investors, and others to support evaluations and development of new CO₂ capture initiatives and opportunities.

### Capabilities Serving CCUS Markets

#### Project Development
- Technology Screening
- Feasibility or FEED Study
- Process Design Support
- Cost Estimates
- Pro Forma or Economic Analysis

#### Project Implementation
- Permitting
- Design Review
- Detailed Design
- Facility Integration
- Cost Estimates
- EPC/Construction
- Procurement
- Tuning/Testing/Startup
- Owner's Engineer
- Construction Management
- Owner's Engineer

### CCUS Project Experience

- Supported Petra Nova CO₂ capture project at WA Parish Station from conception, including multiple Department of Energy (DOE) funded FEED studies, owner’s engineering support developing final agreement with engineering, procurement, and construction (EPC) contractor, owner’s engineering for system design and installation, detailed design of plant integration scope, and overall technical support throughout commissioning and startup.

- Recent and ongoing participation in more than 10 DOE-funded projects, ranging from pilot testing to FEED studies.

- Selected as part of the EPC contract for the 850 MW San Juan Generating Station CO₂ capture project, expected to be the largest project of its kind in the world.

### CONTACT US

James Malone  
Vice President  
312-269-6890  
james.w.malone@sargentlundy.com

[www.sargentlundy.com](http://www.sargentlundy.com)