

# NATIONAL CARBON CAPTURE CENTER



## WORLD-CLASS NEUTRAL RESEARCH FACILITY

Managed and operated by Southern Company, the National Carbon Capture Center is advancing technologies to reduce greenhouse gas emissions. Located in Wilsonville, Alabama, the center explores the most promising, cost-effective carbon capture processes from third-party developers.

## DIRECT AIR CAPTURE

With a focus that now includes negative carbon concepts, the National Carbon Capture Center is broadening its scope to include direct air capture (DAC) technologies. The center is actively pursuing research agreements to provide a host site for DAC testing and evaluation.

## EXCEPTIONAL EXPERTISE

The National Carbon Capture Center offers a highly experienced staff who aid developers in moving their technologies forward:

- ▶ Design engineers with proficiency in technology scale-up and process and infrastructure modifications to test new projects
- ▶ O&M staff with in-depth knowledge of project execution
- ▶ Research engineers that collect and analyze data, and report on technology performance and design improvements
- ▶ Support staff to develop contracts and other measures to protect developers' intellectual property

## PROVEN INFRASTRUCTURE

The center's state-of-the-art facilities can support simultaneous evaluation of multiple technologies at various levels of maturity and scale.

## ADVANTAGES FOR DAC DEVELOPERS

- ▶ Extensive history of successful carbon capture testing
- ▶ Exposure to future users and funders of DAC technologies
- ▶ Assistance in finding partners for scale-up, both domestically and internationally
- ▶ Capability to test both DAC and capture from concentrated sources (or hybrid concepts)
- ▶ Development of a working relationship with DOE staff

Research will  
accelerate  
emerging  
solutions for  
atmospheric  
carbon removal.

