

CORMETECH presents its new PATHFINDER™ Point Source Capture (PSC) Integrated Process Demonstration Unit scheduled to begin large bench-scale testing in Q2 2024 at the National Carbon Capture Center (NCCC) in Wilsonville, Alabama.

PATHFINDER™ will optimize and test CORMETECH'S novel, low-cost integrated process technology for PSC utilizing CORMETECH's proprietary CORAL™ Solid CO₂ Adsorber Technology.

NGCC flue gas will be processed through the CORAL™ Solid CO₂ Adsorbers, followed by steam-mediated thermal desorption and CO₂ collection. This process occurs in a modular, multi-bed cyclic process unit, enhancing scalability and significantly reducing the cost of carbon capture for large NGCC plants.

The project is funded in part by a \$2.5 Million award (DE-FE0032138) from the U.S. Department of Energy Office of Fossil Energy and Carbon Management's National Energy Technology Laboratory (DOE-NETL).

CORMETECH's team in the ongoing PSC initiative includes Southern Company, Middle River Power, and Nooter Eriksen.



CORMETECH.

Above: CORMETECH and DOE-NETL personnel touring CORMETECH's PATHFINDER™ PSC unit after assembly completion at Mertek Solutions in Sanford, NC, on January 26, 2024