



Solving the world's  
hardest problems.

The environmental technology verification (ETV) capabilities of Southern Research (SR) encompass all parts of the technology development process. SR can test and evaluate technology performance during the proof-of-concept laboratory-scale stage all the way through to commercial scale-technology deployed in the field in a real working environment. SR has scientists, engineers, facilities, and capabilities to address a full range of energy and environmental technology development and performance testing requirements.

In addition to technology verification, SR also manages demonstration and testing of new technologies, producing high quality, dependable data about the performance of a technology. Typically, technology demonstration and testing involves two phases - (1) A controlled technology performance test within a lab; and (2) An evaluation of the technology in a real-world operating environment.

Southern Research operated the US EPA's ETV Greenhouse Gas Technology Center from 1995 through 2013, and has completed technology demonstrations and verifications for numerous commercial and government clients. SR evaluates technologies in the energy, climate change, and wastewater treatment areas, including renewable energy, energy storage, distributed generation, methane mitigation, CO2 capture and utilization, chemical process technologies, waste heat utilization, building energy technologies, and industrial waste water treatment technologies



Catalyst Development



Sorbent Reactor Skid



Water Gas Shift Skid

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