

Lignite Research Program- Grant Round 72- Application Summaries						
Application Number	Application Title	Applicant	Project Duration	Summary of Project	Funding Requested	Total Project Cost
LRC-72-A	Evaluation of CO2 Capture from Existing Coal Fired Plants by Hybrid Sorption Using Solid Sorbents (CACHYS)	University of North Dakota- Institute for Energy Studies	45 Months	To develop and demonstrate an advanced solid sorbent technology for capturing carbon dioxide (CO2) emissions from coal-fired power plants. The research seeks to improve efficiency and reduce the cost of carbon capture, supporting the continued use of lignite coal while reducing greenhouse gas emissions and advancing commercialization of the technology.	\$738,000	\$3.70 Million