

Lignite Research Program- Grant Round 107- Application Summaries						
Application Number	Application Title	Applicant	Project Duration	Summary of Project	Funding Requested	Total Project Cost
LRC-107-A	Development of Next-Generation Carbon Capture Technologies for Efficiency Improvement and Cost Reduction	Energy & Environmental Research Center (EERC)	12 Months	This project will enhance the EERC's engineering-scale carbon capture test center to accelerate the development and commercialization of next-generation carbon capture technologies. By expanding testing capabilities and infrastructure, the project will support evaluation of advanced systems under real-world conditions, reduce technology deployment costs and risks, and benefit North Dakota utilities through lower-cost carbon capture solutions.	\$1,462,500	\$6,095,833
LRC-107-B	Commercial Plant Design Optimization: Lignite to Critical Carbon Materials	AmeriCarbon Products, LLC	12 Months	AmeriCarbon's project will complete the Front-End Engineering Design (FEL3) for a commercial Eco-Pitch™ manufacturing facility in McLean County that will convert North Dakota lignite into advanced carbon products. The project will finalize engineering, cost estimates, and commercial planning needed to advance the facility to construction, strengthen domestic supply chains, and create new markets for North Dakota Lignite.	\$1,499,653	\$2,999,653