

Lignite Research Program- Grant Round 104- Application Summaries						
Application Number	Application Title	Applicant	Project Duration	Summary of Project	Funding Requested	Total Project Cost
LRC-104-A	Continued Funding for Regional Lignite Public Affairs Program	Lignite Energy Council	3 Years	Promote public awareness and support for North Dakota's lignite industry through strategic communications, educational outreach, and marketing initiatives that highlight the reliability, economic benefits, and future opportunities of coal-based electricity.	\$1,800,000	\$3,600,000
LRC-104-B	Phase I Bridge Study for CCS at Coal Creek Station	Rainbow Energy Center	10 Months	Rainbow Energy Center's Phase I bridge study will build on the existing carbon capture FEED study by optimizing the system design through additional flue gas testing, cost estimate review, and reliability analysis. The project will refine the carbon capture system design, improve construction and operational planning, and prepare updated engineering documents to support a future Phase II focused on project execution, permitting, and final cost development.	\$1,094,416	\$2,188,883
LRC-104-C	Lignite Conversion Reactor Optimization for Commercial Carbon Pitch Manufacturing	AmeriCarbon Products, LLC	18 Months	AmeriCarbon's project will optimize the commercial reactor design for its patented Liquid Carbon Process, which converts North Dakota lignite into Eco-Pitch™, a domestic alternative to coal tar pitch used in graphite, asphalt, and other carbon products. The project includes engineering, fabrication, testing, and validation of a prototype reactor to improve efficiency, support commercial-scale production, expand markets for lignite-based products, and strengthen U.S. supply chain and economic security.	\$743,809	\$1,488,809