

Lignite Research Program- Grant Round 74- Application Summaries						
Application Number	Application Title	Applicant	Project Duration	Summary of Project	Funding Requested	Total Project Cost
LCR-74-A	Optimization Tools to Manage Coal Properties and Plant Operations	Microbeam Technologies, Inc.	2 Years	To develop and validate tools that optimize lignite coal properties and power plant operations to improve low-Nox combustion performance. The research focuses on reducing emissions, improving slag and ash management, enhancing plant efficiency and providing power plants with predictive tools for more reliable and cost-effective operations.	\$299,972	\$399,972
LRC-74-B	Annual Lignite Energy Council Education Seminar- Economics and Environment	The Lignite Energy Council	2 Years	To support the annual Lignite Energy Council Education Seminar, which educates teachers about North Dakota's Lignite industry, energy production, and related career opportunities. Through tours, presentations and classroom resources, the seminar aims to increase awareness of the industry, support workforce development, and encourage students to pursue careers in energy and mining fields.	\$160,000	\$320,000
LRC-74-C	Enhance, Preserve and Protect the ND Lignite Industry-Phase VII	The Lignite Energy Council	2 Years	To support the long-term viability of North Dakota's Lignite Industry by developing research, environmental, legal and transmission strategies that protect existing facilities and promote future growth. The project brings together industry partners and government agencies to maintain reliable, affordable energy while advancing new technologies and opportunities for lignite development.	\$4,772,250	\$4,772,250