

Lignite Research Program- Grant Round 70- Application Summaries

Application Number	Application Title	Applicant	Project Duration	Summary of Project	Funding Requested	Total Project Cost
LRC-70-A	Agglomeration and Ash Deposition Management in Fluidized Bed Combustion	Microbeam Technologies, Inc.	2 Years	To develop a computer-based tool to help fluidized bed combustion facilities reduce ash buildup and bed agglomeration. By analyzing fuel types, bed materials, additives and operating conditions, the tool will help improve plant efficiency, reliability, and maintenance while identifying cost-effective operating strategies.	\$50,000	\$300,000
LRC 70-B	Center for Air Toxic Metals	Energy & Environmental Research Center (EERC)	3 Years	The Center for Air Toxic Metals (CATM) program supports research on toxic metal emissions, such as mercury, to improve environmental protection, public health, and regulatory compliance. Through industry partnerships, the program advances monitoring, control technologies, and scientific understanding of air toxic metals in energy and industrial systems.	\$45,0000	N/A