

Lignite Research Program- Grant Round 75- Application Summaries

Application Number	Application Title	Applicant	Project Duration	Summary of Project	Funding Requested	Total Project Cost
LRC-75-A	Advancing CO2 Capture Technology	Energy & Environmental Research Center (ERRC)	24 Months	To demonstrate a range of Co2 capture technologies while achieving high reductions in SOx, NOx, particulate, mercury, and other gas constituents to meet environmental emission constraints and requirements of the CO2 capture technologies.	\$5,398,000	\$500,000
LRC-75-B	Energy Curriculum Project	Bismarck State College	15 Months	The development of energy curriculum in North Dakota Studies for students in 4 th grade and 8 th grade. Online modules will be developed with two weeks of content related to all of North Dakota's energy resources. Curriculum would be added to the North Dakota Studies courses as part of the state's educational standards.	\$75,000	\$250,000
LRC-75-C	Implementation of Regional Lignite Energy Marketing Plan-Phase VI	Lignite Energy Council	N/A	To improve and maintain the public image of lignite-based electricity; promote the use of lignite as a low-cost, efficient and environmentally compatible energy source for the region; build a support base on behalf of lignite energy; and prevent adverse public policies that discourage the use of coal-based electricity.	\$1,800,000	\$3,600,000
LRC-75-D	Feasibility Assessment of the NET Power Electric-Generation Technology	Minnesota Power	5 Months	To assess the feasibility of integrating North Dakota lignite into the NET Power cycle,	\$150,000	\$1,000,000

	when Fueled with ND Lignite			advancing cleaner and more efficient power generation while creating new opportunities for lignite utilization and power plant development.		
--	--------------------------------	--	--	--	--	--