

Grant Round Application for LRC LXXI (71)

**TECHNICAL ADVISOR RECOMMENDATION
LRC-LXXI (71) – A**

“Field Evaluation of Novel Approach for Obtaining Metal Emission Data”

Submitted by: Energy and Environmental Research Center

Request for: \$235,120; Total Project Costs; \$573,000

Description of the Project: The project will evaluate EERC-developed multi-element sorbent trap (ME-ST) technology at two ND lignite-fired full-scale sites and at the same time provide metal and halogen emission data for these two sites.

Technical Advisor’s Recommendation: Fund

Fund subject to the following:

- a. Technical summary demonstrating the viability of the proposed method for measurement of halides received and accepted by the Technical Advisor.
- b. Matching Funding received from all the parties.
- c. Demonstrate that the potential cost of the proposed method as compared to existing techniques currently in use for determining metals.

Conflict of Interest: Energy and Environmental Research Center
Basin Electric Power Cooperative
Great River Energy