

Project Summary

- 1) TITLE: DE-FC26-98-40321-65
Mercury Program R&D Information Clearinghouse
- 2) PROJECT PARTICIPANTS: U.S. Department of Energy, Canadian Electricity Association, CATM[®] Affiliates
- 3) PROJECT DESCRIPTION:
 - A. Objective(s)

In response to the need identified by the Canadian Electricity Association (CEA), the Energy & Environmental Research Center (EERC) is developing an information clearinghouse on global research and development activities in the areas of mercury monitoring and control. The primary program objective is to provide quarterly information updates (quarterly topical reports) pertinent to advancements in technologies relating to mercury measurement and control in North America and internationally. In addition, pertinent regulatory issues and research developments are being tracked and reported.
 - B. Background/Relevancy

Mercury is an immediate concern for the Canadian and U.S. electric power industries because of impending regulation of mercury emissions. Canada has established a consultative process to develop Canada-wide standards (CWS) for mercury emissions from coal-fired electricity generation. A process is well under way to evaluate and discuss, in conjunction with a multistakeholder advisory group, options for achieving cost-effective reductions in mercury emissions.
 - C. Period of Performance
October 1, 2003 – December 31, 2005
 - D. Project Summary

With the current emphasis in Canada and the United States on mercury emissions, assessment, and the development of cost-effective control techniques, it is imperative that the various stakeholders be kept informed of the fast-paced activity in these areas. The EERC is reviewing North American activity as well as that occurring internationally, with the primary focus on mercury emission monitoring and control developments relevant to the electric power industry. Based on these data, each quarter, the EERC writes a topical report covering an area of research and/or development in the area of mercury measurement, control, policy, economics, and related fields.
- 4) PROJECT COSTS:
 - A. DOE Costs – \$67,300
 - B. Recipient Share – \$125,000 (\$75,000 Canadian Electricity – \$50,000 CATM[®])
 - C. Project Total – \$193,200
- 5) MAJOR ACCOMPLISHMENTS SINCE THE BEGINNING OF THE PROJECT:

The EERC has completed four quarterly reports to date:

 - Q1 – Sorbent Injection Technologies for Mercury Control
 - Q2 – Mercury Measurement
 - Q3 – Advanced and Developmental Mercury Control Technologies
 - Q4 – Rerelease of Mercury from Coal Combustion By-Products
- 6) MAJOR ACCOMPLISHMENT PLANNED DURING THE NEXT 6 MONTHS:

We are currently working on finalizing Q5 – Mercury Fundamentals and Q6 – Large-Scale Mercury Projects.

- 7) ISSUES:
None to date.