

BUSINESS AND TECHNICAL REPORTS

- Air Pollution Control Equipment Market Forecast** (July 2009), 78 pages..... **\$2300**
ICAC has released its 2009 U.S. Market Forecast which analyzes market trends for stationary air pollution control equipment. The forecast summarizes the technological, regulatory, and general market influences driving the procurement of ESPs, fabric filters, NO_x controls, VOC controls, FGD systems, CEMS and utility reagent (ammonia, urea, lime, limestone, activated carbon) usage annually through 2010. This forecast is free to ICAC full members, \$950 for ICAC associate members, and available for \$2300 to the public. Click here to download the table of contents.

TECHNICAL CONFERENCE PROCEEDINGS

- Forum ‘05: Clean Air Technical Strategies Conference & Workshops: Responding to Regulations** (March 2005),
Over 40 papers and presentations. Compact disc of papers and presentations **\$105**
- Forum ‘03: Multi-Pollutant Emission Controls & Strategies** (October 2003), 26 papers and 35 presentations..... **\$85**
Compact disc of papers and presentations
- Forum ‘02: Cutting NO_x** (February 2002), 31 papers and presentations **\$85**
Compact disc of papers and presentations (mostly papers)
- Forum 2000: Cutting NO_x Emissions** (March 2000), 32 papers **\$85**
Copies of papers, and list of attendees.
- ICAC-CoalGen Workshop on Control Equipment Design and Operation for New Regulations**
(August 2006), 24 Technical presentations.....**\$50**

WHITE PAPERS AND OTHER DOCUMENTS

- White Paper: Options and Incentives to Rebuild/Replace VOC Oxidation Equipment** (June 2003)..... **On Website**
- Guidance for Estimating Gas Consumption in RTOs** (July 2002)..... **On Website**
- White Paper: Guidance for Sampling of NO_x Concentrations for SCR System Control in Coal-Fired Applications** (October 2000), 9 pages **On Website**
- White Paper: Selective Non-Catalytic Reduction (SNCR) for Controlling NO_x Emissions** (rev. Feb. 2008), 26 pages..... **\$30***
- White Paper: Guidance for Sampling of NO_x Concentrations for SCR System Control in Coal-Fired Applications** (July 1999), 5 pages **\$10**
- CEMS and EPA’s Any Credible Evidence Rule** (March 1999)..... **On Website**
- Proposed Portable Electrochemical Analyzer Conditional Test Method** (April 1999)..... **On Website**
- Using VOC Control Technologies to Help Your Bottom-Line** (July 1998)..... **On Website**
- White Paper: Selective Catalytic Reduction (SCR) Controls for NO_x Emissions from Fossil Fuel-Fired Electric Power Plants**
(May 2009)..... **\$50***
- White Paper: Air Emissions Monitoring for Safe and Efficient Medical Waste Incinerator Operation** (September 1997) 16 pages..... **On Website**
- White paper: Design and Operations of Fabric Filters and Electrostatic Precipitator Hoppers with High-Carbon Ash**
(October 2007)..... **\$30.**

TECHNICAL STANDARDS

- CEM-1 Guidelines for Preparation of Bid Specifications and Bid Evaluations for CEMS** (1998).....**\$15****
Guidelines for specifying and collecting information necessary to solicit bids from CEMS suppliers.
- CEM-2 Guidelines for Preparing Bid Specifications and Bid Evaluations for Continuous Opacity Monitoring Systems** (2004).....**\$15****
Guidelines for specifying and collecting information necessary to solicit bids from COMS suppliers.
- EM-2 Guidelines for Specification of Calibration Gases for Continuous Emissions Monitoring Systems and Portable Stack Analyzers** (2000) **\$15****
Guidelines for determining and collecting data necessary to solicit bids from suppliers of calibration gases and related gas handling equipment for use with CEMS and portable stack gas measurement instruments.
- EM-3 Guidelines for Specification and Selection of Data Acquisition and Handling Systems for Continuous Emission Monitoring Applications** (rev. 2007).....**\$25****
Guidelines for helping CEMS users to understand the scope of supply that DAHS vendors provide, and provide a road map for satisfactory DAHS procurement.
- EM-4 Guidelines and Recommended Practices for Preparing Bid Specifications and Bid Evaluation for Sample Transport Bundle** (2006)
Guidelines for preparing a specification for the solicitation and evaluation of bids for sample transport bundles.....**\$25**
- EP-1 Terminology for Electrostatic Precipitators** (rev. 2000) **\$20****
Definitions of key terms relating to electrostatic precipitators and their operation, with diagrams of precipitators included.
- EP-7 Electrostatic Precipitator Gas Flow Model Studies** (rev. 2004)..... **\$20**
Guidelines for modeling gas flows in electrostatic precipitators in order to ensure flow uniformity in the finished unit.

- EP-8 Structural Design Criteria for Electrostatic Precipitator Casings** (rev. November 1993) \$20
Outline listing criteria for the structural design of casings for electrostatic assure precipitators in order to both the structural soundness of the casings and uniformity throughout the industry.
- F-3 Operation and Maintenance of Fabric Collectors** (rev. 2002)..... \$20**
General guide to start-up, operation, maintenance, and troubleshooting of fabric filters collectors.
- F-6 Baghouse Operation and Maintenance Log for Assessment of Stack Test Results** (1994).....\$10***
Log for collecting fabric filter O&M data necessary for determining whether stack test results are valid and representative of expected operations.
- F-7 Fabric Filter Gas Flow Model Studies** (1996).....\$15
Provides information on and establishes design criteria for modeling gas flow in fabric filters.
- F-8 Structural Design Criteria for Fabric Filters** (2001).....\$15**
Sets minimum criteria for the structural design of fabric filter casings.
- SCR-2 Structural Design Guideline for SCR Reactor Structures** (2002).....\$15**
Minimum criteria for structurally sound SCR reactor structures.
- PACE-1 Guidelines for Evaluating and Selecting Portable Analyzers for Combustion Emissions Measurement** (2007).....\$25**
Provides information on the selection of portable analyzers for combustions emissions measurement
- EP-10W Bid Specification Information Requirements and Bid Evaluations Forms for Wet Electrostatic Precipitators** (2008).....\$25**
Provides information to solicit bids from vendors for wet electrostatic precipitators, preparing specifications and bid documents, and for collecting the elements of and evaluating the bids received.
- PMCEMS Bid Specification and Bid Evaluations for Particulate Matter Continuous Emissions Monitoring Systems** (2008)\$25**
This document provides guidelines for specifying and collecting information necessary to solicit bids from suppliers of Particulate Matter Continuous Emission Monitoring Systems (PMCEMS) as defined in 40 CFR 60, Appendix B, Performance Specification 11 and Appendix F, Procedure 2.
- HG-1 Bid Specification Information Requirements & Bid Evaluation Form for Activated Carbon Injection Systems** (2010)\$30**
This publication contains forms and accompanying text for collecting data necessary to solicit bids from vendors for activated carbon injection systems, preparing specifications and bid documents, and for collecting the elements of and evaluating the bids received.

ARCHIVED MATERIALS *(Please contact ICAC to receive a copy of the archived material)*

- White Paper: Scrubbers for Acid Rain Control: Myths & Realities** (May 1995)
- Air Pollution Control in an Age of Pollution Prevention** (June 1995), 6 pages
- Coal, Renewables, and the Environment** (April 1993), 10 pages
- F-5 Types of Fabric Filters** (rev. 1991)
Descriptions and schematic diagrams of different fabric collector arrangements, with brief explanations of their uses and operation.
- G-2 Factors to Consider in Selecting GEC Equipment** (1982)
Worksheet with explanatory text designed to help purchasers of gaseous emission control equipment outline their needs.
- EP-6 Pilot Electrostatic Precipitators** (1968)
Discussion of need for and operation of a pilot electrostatic precipitator prior to installing a full-sized unit.
- EP-9 Power Consumption Measurement for Electrostatic Precipitators** (rev. 1988)
Guidelines for measuring power consumption by electrostatic precipitators.
- EP-10 Bid Specification Information Requirements and Bid Evaluation Form for Electrostatic Precipitators** (1995)
Forms for collecting data necessary to solicit bids from vendors of electrostatic precipitators, preparing specifications and bid documents, and for collecting the elements of and evaluating the bids received. Supersedes EP-4 and EP-5.
- EP-11 Power Sources for Electrostatic Precipitators: Concepts and Terminology** (1995)
Descriptions and explanations of the functions of the principal components of electrostatic precipitator power sources
- F-2 Fundamentals of Fabric Collectors and Glossary of Terms** (rev. 1972) (Under Revision)
Discussion of fabric filters, including different filter types, the mechanism of filtration, and factors affecting efficiency, with appended glossary of terms.
- FGD-1 Flue Gas Desulfurization Terminology** (1982)
Glossary of common wet and dry flue gas desulfurization terms.
- G-1 Gaseous Emissions Equipment: Product Definitions and Illustrations** (rev. 1972)
Brief descriptions, with schematic diagrams, of five major types of equipment for gaseous emission control, including adsorption, absorption, and three types of combustion systems.
- WS-1 Wet Scrubber Terminology** (1975)
Glossary of terms relating to wet scrubbers.
- WS-2 Factors to Consider When Selecting Wet Scrubbers** (1975)
Form, with explanatory text, to help purchasers collect the information necessary for soliciting bids from scrubber manufacturers.
- WS-3 Basic Types of Wet Scrubbers** (rev. 1980)
Descriptions and diagrams of different types of wet scrubbers, with discussions of the effectiveness of each for particle/gas removal.
- WS-4 Wet Scrubber System - Major Auxiliaries** (1975)
Description of the types and functions of auxiliary equipment normally installed with scrubbers.

- WS-5 Bid Evaluation Guide for Wet Scrubbers (1982)**
Form to allow purchasers of wet scrubbers to be sure that bids contain adequate information, and to choose between bids.
- SCR-1 SCR Catalyst Module Sizing for Oil Refinery Boilers and Process Heaters (1991)**
Description of a voluntary standard of SCR catalyst module dimensions for oil refinery boilers and process heaters.

PAYMENT INFORMATION

* no charge for government employees *** in quantities of 5 or more, \$5 ** in quantities of 5 or more, \$10

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