

Representing the Interests of America's Industrial Energy Users Since 1978



BoilerBlast News

CIBO Proudly Welcomes New Member

[Cogentrix Energy, LLC](#)

Profiles:

[AECOM Environment & Solios Environment Corp.](#)

CIBO Meetings:

**Mar 3-4, 2009
E/E Meetings**

CIBO's 2009 Conferences

June 1-3, 2009
Fluidized Bed Combustion XXII Conference
Hershey, PA

August 3-6, 2009
Industrial Emissions Control Technology VII Conference
Regulatory Workshop
Portland, ME

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Energy

The Stimulus Package (HR-1) has been passed and signed into law by President Obama on February 17th. From our initial reading, the Stimulus Package spends around \$43 Billion (\$43,000,000,000.00) on direct energy and efficiency programs and an additional \$20 Billion (\$20,000,000,000.00) in energy tax incentives. Most of the spending is on energy efficiency in buildings, renewable energy production and affiliated infrastructure (renewable transmission and electric grid). It looks like they will fund some of the energy technology and efficiency provisions in the Energy Policy Act of 2005 (EPA) and the Energy Independence and Security Act of 2007 (EISA). In both of these Bills, there were over 130 energy provisions that might help our members. There is a provision that streamlines environmental reviews under the National Environmental Policy Act (NEPA). There are some provisions for decoupling of electric rates from electric usage. There is concern of stranded cost recovery by utilities associated with industry generated efficiency improvements. We will be talking about this package and more on March 4th at the Environmental & Energy Committee Meetings.

Our meetings also coincide with the beginning of the energy discussions in the Senate and energy and climate change discussions in the House. We will be continuing our promotion of Combined Heat and Power (CHP) and the need for realistic access to the grid and backup power support; industrial energy efficiency and the need for a pollution prevention exclusion under NSR; Renewable Portfolio Standards that promote competitively priced fuels without an increase in energy costs to the consumer while protecting the sources of wood as feed stock to many industries; and, the need for policies that promote fuel flexibility and the use of alternative fuels to the maximum extent possible.

We will also continue to promote the distinction between the Industrial Community and the Utility Community and the need for separate consideration and funding for any R&D associated with fuels, energy and energy efficiency.

Environment

As you know, the Environmental Protection Agency (EPA) is entering the second phase of its Commercial/Institutional Solid Waste Incinerator (CISWI) and Industrial Boiler MACT Rule Information Collection Request (ICR) data analysis by selecting boilers burning certain fuels to conduct stack tests for emissions of Hazardous Air Pollutants (HAPs). Selected boilers will be required to measure all or some of the following: dioxins/furans, particulate matter, hydrochloric acid, cadmium, lead, mercury, carbon monoxide, oxygen, nitrogen oxides, sulfur dioxide, and opacity. Once a boiler owner is notified that a boiler has been selected for testing, the tests will have to be conducted on a very compressed schedule – likely in less than two months. The EPA-specified field and laboratory testing methods for these pollutants are complex and require a level of sophistication and expertise well beyond typical compliance or boiler performance tests. A list of contacts that may be able to help is included on page two. CIBO members have been specifically identified to help in your decision making. We understand that the request for the second phase of the information request has gone to the Office of Management and Budget for approval with the protocols and details for the testing requirements. The current expectation is approval shortly and letters going out the second or third week in March. This information should be available for the March 3-4 Committee Meetings.

EPA continues to look for a July 15, 2009, Proposed Boiler and Process Heater MACT, Area Source MACT rule and waste/fuel definition.

The SEBRFA (small business) process is in full swing and we expect some update from EPA prior to our meetings.

There are states and some companies voluntarily moving forward with the 112j process as "Safe Harbor" against citizen's suits under Title V. We will look for a lively discussion regarding this activity and potential responses.

One last thought, with the vacature of the Start-up, Shut-down of Malfunction (SSM) provisions under the General MACT Provisions and NSPS, there is a lack of understanding how a boiler can Start-up, Shut-down or continue to operate when there is a Malfunction. We will have the best of the best here in DC on the third and fourth of March at the Committee Meetings trying to address how we can do that. Stay Tuned!

Technical

Focus Group Meetings

CIBO is planning on holding a focus group meeting in conjunction with its Quarterly Committee Meetings to support the extension of Environmental discussions & activities into the impact on Energy and Operations areas of businesses. We're planning on holding the 1st meeting in conjunction with this June's Committee meetings. The annual survey results provided some excellent feedback on topics for focus group meetings. An e-mail announcement went out to members on Feb 5 asking to take a couple of minutes (only a couple) to help us prioritize these topics by picking their top five, as well as, suggesting any additional topics. If you have not taken this quick & easy survey, we urge you to do so. If you did not receive the e-mail survey, contact Candy Marriott (cmariott@cibo.org) or 703-250-9042) to receive one.

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BoilerBlastNews

International Committee

The International Committee will present occasional articles on international issues and this is the first of that new series. "The International Situation and Its Effect On Boiler Projects From a Suppliers Perspective" located on the CIBO website http://www.cibo.org/pubs/international_rganga.pdf describes:

- Key Influences on International Markets
- The Impact of the Recession affecting different parts of the world in differing ways
- The Energy Outlook appearing very strong for the future
- Project Drivers
- Project Structure in the near future
- Why US Companies Can Still Compete

Environmental, Energy & Technical Committee Meetings – March 3-4, 2009 - Arlington, VA

Key topics to be addressed include: New Administrations Changes & Appointments and Impacts on Industrial Energy & Environmental Issues, EPA Withdrawal of Rules from OMB Review, Boiler MACT Rulemaking (ICR Phase 1 Data Analysis and Phase 2 Test Planning & Progress, MACT HAMMER – State Actions), CO₂ Regulation/Legislation, New Source Review Update, National Ambient Air Quality Standards Update, Impacts of High and Volatile Energy Costs on Energy Intensive Industries, API Boiler Standards, Mandatory Energy Efficiency Standards, and a Case Study of Energy Efficiency at a Chemical Plant.

FLUIDIZED BED COMBUSTION (FBC) XXII CONFERENCE

June 1-3, 2009 – Hershey Lodge, Hershey, Pennsylvania

The Global Economic Crisis, high fuel prices and a drive for Climate Change Legislation are making many think of alternative fuels, especially Bio-fuel, as a way to save money and comply with environmental rules into the future. Today's Fluidized Bed Technology is a combustion technology capable of meeting almost all state and federal environmental requirements when using locally available, lower cost solid fuels across the full range of boiler sizes. FBC boiler owners and suppliers gather to discuss saving money and improving cash flow in scary economic times – not banking on increasing production/sales but on efficiency, alternate fuels, performance improvement, and immediate cash flow enhancement with information, knowledge and low capital intensive upgrades. The conference will again include: Owners' only and Manufacturers' & Suppliers' Forums; the presentation of the results of the CIBO Annual FBC Survey; the latest FBC Technology Developments in Alternative Fuel additions (Bio-fuel); and presentations and discussion on Tube Leak assessment and solutions, plant maintenance, and sorbant considerations. This year's optional tour on Wednesday June 3 will be at the Panther Creek CFBC Unit in Nesquehoning, PA. A detailed program and **on-line registration** is on the CIBO website under 2009 Calendar. **Exhibit fees are discounted** for companies who have exhibited in the past. Contact Gail Bessette @ 703-250-9042 for exhibit information.

From the President's Desk – Bob Bessette –

It is always great when we welcome a new boiler owner, [Cogentrics Energy, LLC](#), to the CIBO ranks. Their voice and experience will be valuable as we discuss the major issues we are currently facing. Since the first of the year, we have sent out four detailed comments, filed one petition on CO₂, received new draft rules on SO₂ and NO_x from the OTC and tried to stay ahead of the other issues that are acting up like coal ash. It has been busy.

As you can see, the program for the FBC Conference is complete. The program for the Industrial Emission Control Technology Conference for August 3-6 is in the process of being completed. That program, as in the past, will be extremely important and beneficial to the full Industrial, Commercial and Institutional Community. We should know what we have to do and by when. Considering everything that is going on here in DC, I expect that "the when" will be much sooner than any of us could predict as reasonable.

If you would like to get more involved on any of the committees or in any of our activities, give us a call, or send Candy Marriott an e-mail.

Companies Providing Industrial Boiler MACT Stack Testing

[AECOM Environment](#) (CIBO Member)

[Air Quality Services](#) (CIBO Member)

[Environmental Resources Management](#) (CIBO Member)

Air Compliance Testing

Air Control Techniques

Air Control Technologies

Avogadro Environmental Corp.

MACTEC Engineering and Consulting

Please continue to the next page for the profiles

CIBO is pleased to profile:

AECOM

[AECOM Environment](#) - The new face of ENSR

ENSR's parent company, AECOM Technology Corporation, is evolving to better serve its global clients. AECOM is forming a global business line – AECOM Environment – by utilizing the skills and capabilities from across its global environmental operations, including resources from ENSR, Earth Tech, STS and Metcalf & Eddy. AECOM Environment is devoted to providing quality environmental services to its global clients. With access to approximately 4,200 staff in 20 countries, AECOM Environment will be one of five new AECOM business lines, which also include AECOM Water, AECOM Transportation, AECOM Design, and AECOM Energy.

AECOM Environment provides a blend of global reach, local knowledge, innovation, and technical excellence in delivering solutions that enhance and sustain the world's built, natural, and social environments.

Our contacts will remain the same as before. Please contact Joe Curreri (978-589-3161, Joe.Curreri@aecom.com) or Bill Campbell (704 643-5196, William.Campbell@aecom.com) if we can be of assistance with your environmental needs.



fives solios

[Solios Environment](#) is a supplier of emission control systems for thermal processes.

Supply includes the All-Dry and Enhanced All-Dry scrubbing systems that have proven track records for control of particulate and acid gas emissions from industrial coal-fired boilers and other combustion sources. The Solios Enhanced All-Dry scrubbing system achieves exceptional SO₂ performance with hydrated lime reagent that is conditioned in Solios' proprietary equipment.

Solios also manufactures fabric filter baghouses for control of particulate emissions. The Sonair is a high-pressure pulse-jet filter that is known for its conservative bag-to-wall spacing, laser-cut ¼" tube sheets, low-velocity inlet ducts and dampers, and an optimized reservoir-valve-blowpipe combination.

Our state-of-the-art TGT Filter is a low-pressure pulse-jet dust collector that features a number of innovations that lower emissions, increase bag life and result in the lowest total cost of ownership. The TGT Filter utilizes Solios' proprietary Integrated Action Piston (IAP) pulse valves that open quickly and close slowly, allowing effective on-line cleaning of long filter bags. The TGT Filter has been widely employed for new projects and for replacement of older baghouses and electrostatic precipitators in the metals and minerals industries.

Solios specializes in turnkey installations that include the emission control systems, ID fans, stacks, interconnecting ducting, material handling systems, and electronic controls which are all engineered in-house for new or retrofit installations. In addition, Solios employs experienced and knowledgeable field construction managers to ensure that projects progress on-time and on-budget.

For more information, contact:

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