



# BoilerBlast News

## Energy

"It was a dark and stormy night," when Paul Revere waited for his compatriot to climb the Old North Church's Bell Tower and signal "one if by land or two if by sea." If that was today he would have to add, three if by air. If that was in relation to energy today, Paul would see six flashing lights from the bell tower. They are coming at us in every way possible, by air, land and sea. Climate Change continues to drive all energy policy decision-making today – No Coal ("There is no Clean Coal"); Renewable Portfolio Standards (RPS) and energy efficiency; and no new energy supplies. It is almost like what we've read some time ago, "go build your bricks without straw and there will be no drop in your quota," or something like that. As the number of scientists grow who are saying it is not Man causing the problems, and the indicators are for increased cooling for at least the next 30 years, there is an urgency in the environmentalist tone to get something done as soon as possible. The probability is high with the new administration that something will happen. Maybe not on a Cap & Trade Bill for Climate Trade this year, but we could very well see an energy bill out before summer recess and the foundations for a Climate Change Bill before the end of the year.

Our updated RPS policy statement is up on the Web and has been distributed to all the members.

We are currently working with other organizations to generate a basis for developing policy on Energy Efficiency (EE) and Combined Heat and Power (CHP). The two major roadblocks to moving these latter two forward, NSR and PURPA grid connectivity, continue to be sacred to the environmentalist and utilities respectively. A mandatory RPS with an unlimited EE/CHP compliance option is thought by some to be able to mitigate both NSR and PURPA concerns. However, to some environmentalists and suppliers of high cost renewable technologies, it could be impossible to compete under this arrangement or do away with coal and, as such, it is not acceptable.

As fast as issues and positions are developing, we will be holding energy related conference calls as needed with the Energy Committee. Let us know if you or someone from your company would like to be notified of these calls. You might want to check out David South's presentation of Industrial Energy in the stimulus package given at the Energy Committee Meeting.

## Environment

As you will read in the minutes of the March Committee Meetings, one of our members pointed out that Boiler MACT, CISWI, Area Source GACT, the end of SSM exemptions, CAIR replacement, climate rules, tightened NAAQS (PM2.5 and ozone), added focus on NSR and BACT, the next round of SIPS, mercury rules, CEMs and COMs, and possibly residual risk and re-opening of other MACT rules represent a serious threat to the economic health of industrial companies. Other than CAIR which is an emissions transport rule (see below), all the others impact Industrial, Commercial and Institutional (ICI) powerhouses and boilers.

**Boiler MACT:** On Wednesday the 18<sup>th</sup>, CIBO and our other Trade Association friends met in a joint meeting with EPA, OMB, NACAA and Earth Justice to discuss the second part of the Boiler MACT data collection program to be able to collect representative and sufficient information for generating a rule that in reality can be achieved. The current data from the part one of the data collection, while providing more information than ever, **lacks** linkages between CO and HAPs, **lacks** data regarding the potential variability of the top performing 12%, and **lacks** significant data to assess if any boiler could in actuality meet all the individual CO, HCL, Hg, and PM standards if these were calculated as in the NACAA Model Rule or the Medical Waste incinerators rule. We have not been able to find one that could do this. In light of this and the Boiler MACT rule developments, this year's Industrial Emission Control Technology Conference and Fluidized Bed Conference will be extremely important to our members and the ICI sector as a whole.

**CAIR PLUS:** Over the last month, we have forwarded a copy of a presentation given by Mike Koerber of LADCO at the OTC meeting in Baltimore on February 4th. Sixteen states have requested discussions with EPA regarding a CAIR Plus (INDUSTRIAL Boiler) Rule. For those of you that may not have seen this, a copy is on the website and is also available from the OTC site. While the ICI boiler has little if any long-range transport impact, there is a very high probability some units (maybe as initially detailed in the LADCO presentation) could be included in a final rule. We will be working with EPA as this develops to represent the interests of the ICI community. We will be asking each of our members "what would they consider as reasonable" assuming Opt-in is not an option and some level of control may be mandated. We will be holding conference calls in early April in preparation for a meeting with EPA on the subject. Send your thoughts and suggestions in to the CIBO office. We will use those who contribute comments, thoughts or suggestions as the task group to develop an initial position and then submit it to the full environmental committee for review comment and finalization.

Legislative Leaders. If you are not part of the group and would like to participate in this activity, let us know.

**COAL ASH:** For eight years we have heard little about coal ash. It is now back on one of the EPA Front Burners

### CIBO Meetings:

June 9-10, 2009  
E/E Meetings

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### CIBO's 2009 Conferences

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

Aug 3-6, 2009  
Industrial Emissions  
Control Technology  
VII Conference  
Portland, ME

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of the TVA impoundment problems and a small pipe leak into the Potomac River at a Maryland Paper facility. The RCRA ASH Task Group has been activated and is working to be able to provide information as needed to the EPA and our Legislative Leaders. If you are not part of the group and would like to participate in this activity, let us know.

Reciprocating Internal Combustion Engine (**RICE**) **MACT** (A combination of modifications to major source MACT and proposed area source) has been proposed. A group of members will be drafting initial CIBO Comments for review and comment by all. Let us know if you would like to participate in the initial development task group

## Technical

At the last committee meetings, a limited number of copies of the penultimate draft Energy Efficiency Guidance Document Handbook were distributed for review prior to the circulation of the final draft for review within the next month or so. We are aiming on having the final document for the June Committee Meetings to be used as a reference to promote the reality of energy efficiency in the ICI sectors and the positive attributes of CHP in the overall energy picture of the country.

A significant discussion has evolved around the need for a grass roots effort to educate the various interest groups of the fundamental reality of the powerhouse and the potential consequences of all that is happening on the energy and environmental fronts. CIBO Communications, Education and Outreach Committee will be working with the Membership Committee and Technical Committee to develop Focus Group Meetings for networking, issue consideration and education development for all CIBO Stakeholders. Some of the targeted stakeholders could include: new employees, technology developers, company support personnel, EPA staff, the administration, governors, regulators, and labor leaders. More to come about focus groups in the next newsletter.

DOE Issues Notice of Intent for CHP, District Energy, and Industrial Energy Efficiency Projects. The U.S. Department of Energy has released a [Notice of Intent](#) for an upcoming solicitation for cost-shared combined heat and power (CHP), waste heat recovery, district energy, and industrial energy efficiency projects under the American Recovery and Reinvestment Act of 2009. This funding opportunity will be issued in March 2009. Be prepared to apply by completing the pre-registration process described in this article.

<http://e-center.doe.gov/doebiz.nsf/d76fbc294818822885256d98006c62b6/508e7557228e22488625756a00707d1f?OpenDocument>

The purpose of this solicitation is to promote domestic CHP, waste heat recovery projects, and more efficient industrial processes, and encourage development of a skilled labor force for implementation. The solicitation will seek proposals that identify, design, and implement energy efficient technologies and systems for institutional entities, including institutions of higher education and public school districts, local government, and municipal utilities. This solicitation will soon be available on [Grants.gov](#) and [FedConnect](#). Applicants are strongly encouraged to register at these sites to receive notification of announcements. When the solicitation is announced, applications will only be received through Grants.gov. There are several one-time actions prospective applicants must complete prior to submitting an application through Grants.gov, including:

- Obtain a Dun and Bradstreet Data Universal Numbering System number
- Register with the Central Contractor Registry
- Register with Grants.gov.

See [detailed instructions](#) on completing the pre-application registration process. Applicants are encouraged to complete this process as soon as possible in order to be eligible to apply for this solicitation without delay.

## FLUIDIZED BED COMBUSTION (FBC) XXII CONFERENCE

JUNE 1-3 – 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.

FBC boiler owners and suppliers meet to discuss saving money and improving cash flow in scary economic times. 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

I doubt there has ever been a time when every one of our issues was in play at the same time -- until now. We are handling it. You are handling it. THANK YOU!

## Member News

Detroit Stoker Company announces the addition of the GTS Energy Reciprocating Grate Combustion System technology to its family of products. This product has been applied successfully in the United States for over 25 years to convert biomass and waste wood into useful energy to produce hot oil and hot flue gas for drying and thermal heating in the wood products industry. See Press Release <http://www.cibo.org/press.htm>