

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



# BoilerBlast News

## **CIBO Welcomes New Members:**

**Church &  
Dwight  
Company, Inc.  
&  
River Trading  
Company,  
LTD**

## **CIBO Meetings:**

**Sept 15-16, 2009  
Technical Focus  
Group,  
Environmental &  
Energy Committee  
Meetings  
Arlington, VA**

**Oct 14-16, 2009  
31<sup>st</sup> Annual Meeting  
San Antonio, TX**  
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## **Energy**

While Health Care is the dominant news story, it is not the only thing going on in Washington. There are quiet (not-to-wake-up the kiddies) negotiations going on relating to energy and a Cap-and-Trade Bill that can pass the Senate. Senate leadership has given the word that they want a Bill reported out of committee by September 28<sup>th</sup> – a little less than two weeks after our September Committee meetings in Crystal City. There are probably 1 or 2 more people currently saying that the Senate will not be able to get a Bill out this year than those that are saying they will. With fortunes to be made from any Bill that picks winners and losers or funds specific technology development, there are many people who want to be at the table and not on it. We see from a report in the Denver Post that the natural gas industry has raised a war chest of \$80,000,000 to ensure it gets a piece of the legislation. The environment is such that our primary issues that focus on Combined Heat and Power (CHP), fuel flexibility, energy efficiency and a decrease in the actual consumption of energy do not play well in the game of everyone wanting to increase their share of the pie. From the same Denver Post report, there is now enough gas (1,800 trillion cubic feet) for 100 years at the current use rates; however, it does not say at what price. It is fairly easy to find what they want to give out; but, another story to find out what it is going to cost to get it. An article from the Heritage Foundation indicates the farmers get \$2.1 billion in offset revenue for \$29 billion of lost farm income.

In an ACEEE reception for DOE Assistant Secretary for Energy Efficiency and Renewable Energy, Cathy Zoi, a question regarding DOE's desire to work with Associations was asked. The answer, as understood, was in two parts; first, associations have many members and not all members will agree on every subject; and, second, we work with people who can fully support our programs, goals and objectives. Unlike EPA, DOE activities do not normally need public review and comment. In any event, our efforts will be to continue to provide the best possible and current information to the Administration, our Congressmen and Senators and their staff and continue to hold the high ground where cost effective efficiency, fuel availability and application of CHP can improve the sustainability of the industrial, commercial and institutional sectors and provide long term benefits to the country and our standard of living. The September Committee Meetings could not be better timed.

## **Environment**

The Environmental Non-Government Organizations (ENGOS), the environmentally friendly politically correct word in Washington for those negatively connotated environmentalist organizations, are not happy with the progress on Cap-and-Trade and want payback for the contributions made to get this Administration elected based on what they said they would do. Based on what is coming out of EPA these days, a request for a voluntary remand of the effluent regulations, the indication that the Office of Solid Waste will be sending a draft rule to OMB to classify fossil fuel ash as a hazardous waste under some form of Subtitle "C," the request for a voluntary remand for the NSPS rule that was completely briefed and ready for oral argument, the pulling back of the Solid fuel definition, the proposal of a Reciprocating Internal Combustion Engine (RICE) MACT rule to include virtually all engines with virtually no additional health or environmental benefit, the pulling back of the Hazardous Waste Combustor MACT so as some believe to not have to litigate the health risk compliance alternative, a GHG Reporting Rule that could impact everyone with a unit or units equivalent to 25,000 PPH or 100 HP and the endangerment finding for CO<sub>2</sub>, it looks like they are getting everything and more. And, there are more to come; Area Source MACT, CAIR Plus, Sulfur, PM, & OZONE NAAQS.... The world of environmental regulations has vastly changed from what it was a year ago. We will be talking about these issues and how they impact a given powerhouse in September.

With all of this as a background, there was actually some good news that came out of the CIBO Industrial Emissions Control Technology Conference up in Portland, Maine a couple weeks ago. While if all the above was to go through unmitigated and unmodified, there is no way anyone could economically comply. We found that there are ways to actually improve the environment with new technologies and by integrating existing technologies for optimum reductions that might be applicable to the Industrial Commercial and Institutional (ICI) sectors if the upcoming regulations are not so onerous as to make even these possibilities incapable of bringing a facility into compliance without completely shutting down. The summary of that conference and workshop will be put up on the CIBO Members only Website shortly. There was general agreement by everyone there (regulators included) that if a Boiler MACT was proposed based on a "Stove-Pipe" analysis of the best performing 12 percent by emission surrogate (CO, PM, HCl and Hg) there is not one unit in the country that could or does meet each of the numbers that would be generated while at the same time meeting current NO<sub>x</sub> and SO<sub>x</sub> emission limits. A theme that began to show up was that of a financial liability for environmental risk. This will be the primary discussion at the Annual Meeting in San Antonio.

It will take a multi faceted effort to address all of our environmental issues. It will take work on the Hill to reign in the Agencies. It will take education of the new administration on the realities of the powerhouse and the laws of physics.

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It will take working with the agency staff to provide cogent and convincing comments to make our points. And, it could be very likely that it will take an effort in the courts.

## Technical

The Industrial Emission Control Technology Conference exceeded all expectations and was one of the best ever. Two items came out of that meeting that will be handled via the Technical committee. During a discussion of Stoker Fired Boilers on the Monday afternoon, CIBO will be generating a survey for those people and anyone else that has a stoker to collect basic information and provide a networking list to help educate new operators and staff on problem solutions and combustion optimization. As the old time operators retire or fade away, there is a need to capture their knowledge before it is lost forever. We are continuing to generate the written version of the presentation on Integrating Boiler Design and Combustion that will help provide a foundation. However, the ability to talk with someone who has a similar stoker could be invaluable, since different stoker manufacturers have different design philosophies that are not necessarily compatible.

SCR for industrial facilities was another topic that received substantial discussion. There could be the possibility of working with NESCAUM, OTC, ICAC and EPA to expand the technological understanding of SCR applicability, operation and cost for existing and new industrial boilers. Much has been learned about Catalyst capabilities and design over the past 10 years through utility solid fuel unit applications. While this is truly valuable information, the design differences (pressure, temperature, operation, and arrangements) for the solid fuel industrial boiler can, for almost all units, will be vastly different than that of the utility unit. Everyone agreed that a working group with everyone involved could be beneficial in lieu of any one group trying to tell the others what is right without their input. CIBO will be contacting NESCAUM to see how this might be done and funding made available for this activity. If you are interested in participating in this effort, let us know.

## Focus Group, Environmental, Energy & Technical Committee Meetings –Sept. 15-16, 2009 Arlington, VA

Focus Group Topic is "Alternative Solid, Liquid, and Gaseous Bio/Renewable Energy Fuels for Existing Boilers."

Key topics of Committees to be addressed include: Technical Points on the Energy Bill; DOE ASME Energy Standards; USCEEM, Council for Energy Efficient Manufacturing; Boiler MACT, CAIR and Other Combustion Rules; CO2 Legislation/Regulations; EPAs Change in Fuels Exemption Policy for NSR and NSPS; NAAQS Update; RCRA Ash Update; and Waste Energy Registry.

## Annual Membership Survey

The extremely important annual membership survey has been sent to Principle Representatives. Please take a few minutes to provide valuable feedback to guide CIBO's efforts in strategy development and allocation of resources for maximum benefit to members. The survey database includes responses from the previous year, so it's very quick incremental change for those who responded last year. Also, the number of survey questions has been significantly reduced. **Please complete the survey by August 31st.** Survey results will be reviewed by the committees at the September Committee Meetings, summarized and discussed at the Annual Meeting in October. It will be used to develop CIBO's strategy for 2010 and respond to the New Administration and the unprecedented level of Change.

## 31<sup>st</sup> Annual Meeting - October 14-16, 2009 - Omni La Mansion del Rio, San Antonio, Texas

This year's theme is "The Convergence of Energy, Environment, & The Economy Under the New Administration of Change." Risks associated with making industrial energy and environmental decisions and developing a cogent energy strategy today are more difficult than ever as the lines between Energy, Environment and Economy are blurred. This year's agenda will bring the best people together to help us use CIBO's unique capabilities and strengths to help our members understand the interrelationships of energy and environmental issues and the current economic realities to better develop integrated energy and environmental strategies for the near and long-term. You will not want to miss CIBO's 31<sup>st</sup> Annual Meeting. Invitation packets have been mailed. If you did not get your invitation and would like to go, let us know.

## From the President's Desk – Bob Bessette

First of all I would like to welcome our new members Church & Dwight Company, Inc. and Cincinnati Bulk Terminals, Inc/River Trading Co., LTD. They add depth and a new dimension as we tackle the energy and environmental issues impacting each and every one of us.

I have always liked a good salesman. There is nothing better than an educated buyer and a good salesman. However, it is not good when you have a salesman who cares nothing about the buyer and an uneducated buyer. Then you have the "Sale." Sell the savings don't mention the cost. There must be a need for someone to buy something. If there is not a need, you can make one (real or perceived) and they will buy -- Merchandising 101. CIBO's task is to educate the buyers and make sure the needs are real and beneficial – Annual Meeting October. Anybody ever watch a two year old temper-tantrum in a toy store when a parent cannot or will not give them what they want? There are two types of parents. The ones you want to applaud who let the child have his/her tantrum knowing the child will grow up a productive citizen; and, the other type who will give the child anything to keep them quiet. If the new administration is more like the latter than the former, then our lives will be more interesting over the next four or more years than we ever thought they could be.