



# BoilerBlast News<sup>®</sup>

## CIBO Welcomes

[Albemarle](#)  
&  
[Marsulex](#)  
[Environmental](#)  
[Technologies](#)

## CIBO Profiles

**River Trading  
Company,  
LTD**

## [CIBO Meetings:](#)

\*\*\*\*\*  
**June 8-9, 2010**  
**Technical**  
**Focus/Environmental/Energy**  
**Committee Meeting**  
**Arlington, VA**

## CIBO's 2010 Conferences

\*\*\*\*\*  
May 24-26, 2010  
Fluidized Bed  
Combustion XXIII  
Conference  
Jacksonville, FL

August 2-5, 2010  
Industrial Emissions  
Control Technology VIII  
Conference  
Regulatory Workshop  
Portland, ME

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## Energy

Last week (May 11<sup>th</sup>), the Energy Information Administration (EIA) put out their Annual Energy Outlook 2010 with projections to 2035 < <http://www.eia.gov/oiaf/aeo/index.html> >. The report is interesting if the world was not to change and there would be no new regulations to impact us. The forecast does not consider Boiler MACT, Coal Ash, CAIR Plus, or GHG Regulations to be finalized and implemented between now and 2035. There is no consideration for a possible continuing recession or shuttering of any facilities due to the \$9.6 Billion Boiler MACT Rule Suite capital cost (EPA's estimate) over the next three or four years, or the shift from \$2 to \$3 dollar coal to \$6 to \$8 Natural Gas (EIA's current projections for 2011 -- 2035), if it is available by then.

On the Legislative side, the Kerry-Lieberman "American Power Act" (Green House Gas/Cap-N-Trade Bill) was introduced in the Senate last week as well. In its release, there was a long litany of what it was going to give everyone and the support. However, there was no indication of its total cost, or who was going to pay, or how much the cost of energy would go up. General rumbling in Washington has it that this is not going anywhere this year in the aftermath of Health Care and the current Financial Reform debates leading up to the summer election campaigns. There could however be some energy legislation.

On May 6, 2010, both the U.S. House of Representatives and the U.S. Senate acted on legislation to improve energy efficiency in the United States. The House passed a new program called "Home Star" that will help homeowners reduce their energy bills through energy efficiency investments, and at the same time help our struggling economy by providing jobs for construction workers. On the Senate side, the Energy and Natural Resources Committee reported out a set of amendments that adopt new consensus minimum efficiency standards on a variety of products. There is nothing of direct interest to the industrial community; however, there could be some amendments to expand some of the grant provisions to include our institutional members. This could well be our annual energy gift given prior to the Summer Recess.

On the DOE front, DOE is moving forward with the Superior Energy Performance Program and ITP is currently recruiting new *Save Energy Now* LEADER Companies. Some of this work may be required for compliance with Boiler MACT – Energy, Environment and Economy – they are all linked. We will hear more about these at the June E/E Committee Meetings June 8-9th.

## Environment

Over the last couple of weeks we have been asked many questions about Boiler MACT, Ash and numerous other issues, but the two most asked questions: what is the Schedule for Boiler MACT and, is there a one page write-up on Boiler MACT to bring our executives up to speed? The first is easy. We expect the Boiler MACT, Area and Major Source Rules, the CISWI Rule and the Waste/Fuel Definitions Rule to be in the Federal Register this week starting the clock on 45 days of comment period for the complete four rules (1047 pages) and 30 days for reviewing and commenting on data (around 25 Gigabits of data) for rule evaluation and development. The court ordered date for the Final Rule continues to be December 16, 2010. Dana Carvey might say, "Now isn't that Pretty." The second is not so easy. There are around 60 pages of rule and comment request summaries on the Website for the four rules and to date we have at least 103 issues we should be commenting on for just the Area and Major Source MACTs with more to come. A small group is meeting this week to go over the rules to develop a complete set of issues and the initial needs of our members to begin a set of comments. We will talk about this at the E/E Committee Meetings June 8-9<sup>th</sup>. We are looking at the current database for the rule and the best performing 12% of the units to try to duplicate what EPA did and update our cost implications and technology requirements evaluation to check the Cost of the Rules, the statistical calculations and evaluations to duplicate emission limits, assess achievability and representativeness, and try to define and characterize the cross implications of the new MACT Rules. Because this is so big and the task is highly technical and detailed, we are depending heavily on outside contractors for this expertise. We do not believe this administration will listen to anything industry says and will proceed down the path they have begun and write the most stringent regulations possible without the significant input from outside sources. At this point, if this is so, it may not take a page to summarize the potential implications. If you are not one of the few boilers that may be able to achieve the standards across the board (we are looking to see if they exist and if we can find them) and are one of the other approximately 3,000 plus solid fuel and oil fired boilers out there, you own a substantial piece of the EPA projected \$9.6 BILLION Capital cost price tag for the rule. For the others, see the energy (Natural Gas) cost discussion above. We will need all the help we can get to build a solid case for a reasonable, environmentally sound and cost effective Rule or Rules. While it would be nice if this was the only thing going on, it is not.

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



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The RCRA Ash Rule has been proposed (563 pages) asking for substantial comments on two alternatives – one for a Hazardous “C” Classification and a Second for a Subtitle “D” classification that requires lined landfills for any ash or an active ash disposal area without a lining, i.e., build a new ash facility, remove the ash from the existing facility, line it and then move the ash back. As Dana Carvey might say, “Now isn’t that Pretty.” There is a derivative of the second alternative that says it will apply only to new facilities and existing facilities will continue to be covered under the Bevill Amendment. The hope for that is probably as good as that of a child trying to catch the Tooth Fairy. Oh yes! This rule is only for Electric Utilities. We have a CIBO trap for Tooth Fairies that we will sell if you believe this.

Has anyone heard of the NO<sub>2</sub> Standard? The following from an article from a health publication may give you an idea of what we are looking forward to: **Asthma Control: Cooking on a Gas Stove** -- Smoke from burned food is not the only problem for asthma control. Gas from gas stoves is a concern as well, says Diette. Gas stoves release nitrogen dioxide (NO<sub>2</sub>), a potent asthma trigger. Diette was part of a research team that looked at how far NO<sub>2</sub> could spread in the homes of 150 preschool children who had asthma. They found that even if a child’s bedroom is on a different floor of the house, away from the kitchen, levels of NO<sub>2</sub> from gas stoves are high enough to be asthma triggers — and that children living in a home with a gas stove were more likely to have asthma symptoms. “We know that electric stoves don’t produce NO<sub>2</sub> and natural gas stoves do,” says Diette. “What I am telling people is, if you have a choice to put in one or the other, you should probably opt for the electric one.”

That’s enough good news for one day. We will do our best to keep you up to date with all that is going on. If you have a question, please call.

## Focus Group, Environment, Energy & Technical Committee Meetings – June 8-9, 2010

Focus Group Topic is “Connecting Boiler Operation with Environmental Performance.”

Key topics of Committees to be addressed include: Recently proposed **Boiler MACT, Boiler GACT, Solid Waste Definition, and CISWI Rules; CAIR, GHG Regulations & Tailoring Rule, NSR, Litigation, NAAQS, and the RCRA Ash Proposed Rule Updates.** Check out the agenda on the Web. (Members’ Only)

## FLUIDIZED BED COMBUSTION (FBC) XXIII CONFERENCE Next Week

**May 24-26, 2010 - Omni Hotel, Jacksonville, Florida**

CIBO XXIII Fluid Bed Conference is next week in Jacksonville, Florida at the Omni with optional Tours to JEA’s Northside FBC unit and Rayonier’s Fernandina Beach FBC (a B&W converted previously used PC unit). For those of you that plan on being there we will see you then. For those of you that may still want to attend, there may be space in the Hotel. If not, call the CIBO staff by noon Thursday, May 20th, we will do all we can to help. A detailed program and on-line registration is on the CIBO website under 2010 Calendar. Exhibit fees are discounted for companies who have exhibited in the past. Contact Gail Bessette @ 703-250-9042 or [gail@cibo.org](mailto:gail@cibo.org) for exhibit information.

## Industrial Emissions Control Technology VIII Conference - August 2-4, 2010

Regulatory Workshop - August 5, 2010, [Holiday Inn by the Bay, Portland, Maine](#)

This conference will focus on Industrial, Commercial and Institutional boilers and energy generation systems in light of the Proposed Boiler MACT Area Source MACT, Commercial Industrial Solid Waste Incineration (CISWI) Rule, and the Waste/Fuel definition Rules, and include owners’, manufacturers’ & suppliers’ and NGO & regulators’ only forums to help generate valuable discussion between the groups and a truly beneficial conference for everyone. Understanding the current situation; the potential rules and regulations and their timing; the applicability, operation capabilities, and limitations of control technologies; and, the alternatives compliance possibilities is imperative especially in this time of economic uncertainty. With what and when do you have to comply? How do you continue to survive and take advantage of alternative fuels today and tomorrow? What are the control alternatives and possibilities with existing energy systems? What does it take to keep these units operating safely, at peak performance and meet the new requirements? These are only some of the questions to be addressed.

A detailed program and on-line registration is on the CIBO website under 2010 Calendar. Exhibit fees are discounted for companies who have exhibited in the past. There are only 2 exhibit tables remaining. Contact Gail Bessette @ 703-250-9042 or [gail@cibo.org](mailto:gail@cibo.org) for exhibit information.

## From the President’s Desk – Bob Bessette

The first thing I want to do is welcome our newest two members, Albemarle and Marsulex Environmental Technologies. We are going to need all the help we can get. As I think positive and we are able to get what some might call a reasonable rule, only 900 units will have to add hard control technologies or upgrades. With three years for MACT Compliance, the first is for alternative selection and commitment, the second is for design and fabrication and the third is for installation at the rate of approximately 3 per day assuming no competition from utilities for the same personnel, engineering, manufacturing and project management resources. I understand the manufacturing capacity of the country is probably operating at around 40%. That leaves 60% to come on line quickly. However, where are the knowledgeable workers to do it? It will take “Working Together for Energy, Environmental and Economic Sustainability” (Annual Meeting Theme 2010) to do it.

**RIVER TRADING  
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- River Trading Company has become a coal industry leader by incorporating experience, reliability, integrity and innovation into its core business of marketing coal to the industrial and utility market.
- Not only does River Trading have a wealth of coal experience but also its closely held organization has learned to adapt and change with an extremely complex and evolving coal industry.
- River Trading operates coal loading and storage facilities across the country in strategic locations including Minneapolis, MN, Muscatine, IA, Cincinnati, OH, Kenova, WV, and Marmet, WV. All of our facilities have access to transportation routes via rail, US highways, and the inland river system.
- River Trading Company understands the needs of its coal customers and can provide specialized solutions. Whether the customer needs a high quality Utility 2" X 0 coal product or an industrial grade stoker coal sized to its specifications, River Trading is able to provide it through its investments in facilities, equipment and know-how.
- Please contact John Grantham, VP, 559 Liberty Hill, Cincinnati, OH 45202, 513-651-9444 x-8 and ask how we can service your coal requirements or visit our website at [www.rtcltd.com](http://www.rtcltd.com).