



# BoilerBlast News<sup>®</sup>

**CIBO Meetings & Conferences**

**EE/Technical Committee Meetings**  
**Radisson Hotel**  
**Crystal City, VA**  
 Sept 9-10  
 Dec 2-3

**Industrial Emissions Control Technology XII Conference and Natural Gas Workshop**

**Holiday Inn by the Bay**  
**Portland, ME**  
 Aug 4-7

**The 36th Annual Meeting**  
**Hotel Santa Fe**  
**Santa Fe, NM**  
 Oct 15-17

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## Energy

As we always say, you cannot make or do anything without energy. As such, it takes energy to generate energy and get it to where it is needed and in a form that is usable. The larger questions today are not about the energy feed stocks, the Coal, Oil, Natural Gas, wood, wind, water and sunlight to make usable thermal or electric energy. It is about how we get the fossil fuels or the electricity, unless it is available on site, to where it is needed. This is especially true for Oil, Natural Gas and Electricity. With this Administration's desire to Kill Coal, the existing coal transportation and delivery infrastructure is probably more than sufficient for now. As more and more emphasis is placed on energy, the Energy Information Administration (EIA) has seen an increase in its budget. With Adam Sieminski, one of the top U.S. Energy Economist as the new Administrator working with a DOE Secretary who actually understands energy, the EIA will play a major role as the country's energy policy develops and is formed. Check out some of the new information available from EIA:

< <http://www.eia.gov/> >

< <http://www.eia.gov/state/notes-sources.cfm#maps> >

< <http://www.eia.gov/state/maps.cfm?src=home-f3> >

We have been hearing a lot about EPA's Green House Gas (Global Warming/CO2) regulations for existing sources – 111d proposed rule. It seems funny to mention it in the energy section; but, everything in it is about energy control. It is about energy efficiency outside the fence line of the designated facility. It is kill coal and increase the price of energy for all of us. As long as the President's protector is heading up the Senate there is no way any of the House's Energy plan bills will have a hearing in the Senate. Heaven forbid the President would have to veto a bill, take credit for something he did and not have a dysfunctional congress to blame for it. Today as is evident, Energy policy is politics. Real information from EIA can help.

On the House side of the Hill, Congressman Fred Upton (R-MI), Chairman, House Energy and Commerce Committee has detailed a real plan that includes five pillars. These are: 1. Infrastructure (HR-3); 2. Flexibility for all sources including coal (HR-3826 & HR-2218); 3. Permitting (HR-4795); 4. Efficiency and Innovation (HR-2126); and, 5. Energy Diplomacy (HR-6). These Bills in the House have all been passed with bi-partisan support. And where is the Senate? – right there behind Senate Majority Leader, Senator Harry Reid. The probability of any realistic Senate Energy bill or House bill counterpart reaching the Senate floor for discussion or amendment is doomed. I expect we will be hearing a lot more about this at CIBO's Annual Meeting this year in Santa Fe, New Mexico this October before the mid-term elections.

## Environment

There are a couple items of note before our Industrial Emissions Control Technology XII Conference next week up in Portland Maine. That is where you can hear everything. The Boiler MACT Briefing process has begun with CIBO taking the lead on the Area Source Brief and the Major Source Boiler MACT and CISWI Briefs to follow. Since the reconsideration is not expected until the end of August or early September (probably the Friday before Labor Day) with the White House and it's enviros calling the shots for EPA, there is a greater degree of difficulty for industry in structuring the arguments with the limited amount of words given by the court. This is when the lawyers really earn our respect. We will be hearing more about this at the Quarterly Technical Focus Group, Energy & Environmental Committee Meetings in September. A Proposed rule to remove Start-up, Shut-down and Malfunction (SSM) provisions from its rule makings (MACTs in particular) and address recent court ruling striking down "Affirmative Defense" as a defense has been sent to the White House Office of Management and budget (OMB). We have been working with EPA on Boiler Start-up and Shut-down and we will probably seek a meeting with OMB sometime after our Quarterly Meetings, in September, to help educate the White House on the realities of boiler start-ups and shut-downs. There have been some rumblings that the NHSM (Fuel definition rule) will be finalized during the last quarter of this year or the first quarter of next year – later than expected. There are still outstanding questions on the legitimacy requirements for defining a fuel and use of railroad ties as fuel. We will hear more about this in September.



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One last thought. Water - If EPA has its way, any raindrop that hits the ground and can or could in some way find its way to the ocean above ground could very well come under the jurisdiction of the Federal EPA in lieu of the States. Water will be the next advocacy assault from the environmentalist community.

## Technical

The Technical Focus Group session on "Performance and Certification Testing for BMACT and MATS" associated with the June EE/Technical Committee Meetings was very timely and informative. **Russell Bailey** of Trinity Consultants Inc. presented Rules Requirements. **Dan Todd** of Air Quality Services, LLC presented Performance Testing, and **Eric Hallman** of Cargill Incorporated presented Certification Testing for CEMS. Presentations are on the CIBO members' only website.

The next Focus Group session will be on "Meeting Facility Electric Demand Possibilities – Make, Sell, Buy, Respond" and alternative grid connection scenarios as many of our members are considering new electric supply arrangements, demand side management, and demand response as we heard during the Energy session in June regarding Advanced Energy Management Alliance.

## Industrial Emissions Control Technology XII & Natural Gas Workshop – August 4-7, 2014 Portland, Maine

Environmental compliance is not an option! Area Source Boilers should have been in compliance on March 21, this year. Major Source boilers have until January 31, 2016 (17 months from this year's conference). A one year extension, for valid reasons, to January 31, 2017 will be supported by US EPA and should be obtainable from most states. At this point, there is no indication that the compliance dates or limits in the rules will change prior to the current compliance date. It is also believed any changes that might come as a result of the ongoing litigation would result in a remand for EPA to fix the rule while industry complies with it as is. As such, this year's IECT Conference and Natural Gas Workshop will focus on Environmental Compliance -- Who is doing what; how are they doing it; what are the results of alternative technology demonstrations; who is converting to Natural Gas and how; and what are the possible implications of the litigation and other rules coming down the pipeline? As we move from planning to implementation, networking (with peers, suppliers, engineers and regulators), case studies, real time compliance experience, and the transition from planning to implementation will be the prominent markers for this year's program. See you next week in Portland.

## Focus Group, Environmental, Energy & Technical Committee Meetings –September 9-10, 2014 Arlington, VA

Focus Group Topic is "Meeting Facility Electric Demand Possibilities – Make, Sell, Buy, Respond." Key topics of Committees to be addressed include: EIA 2014 Annual Forecast; Natural Gas Risk of Curtailment and Mitigation Possibilities; BMACT Major Source, Area Source, CISWI & NHSM Reviews and Compliance Concerns; Litigation and Reconsideration for BMACT Suite of Rules; and Coal Ash, GHG, Litigation, NAAQS, and Water Rules Regulatory Updates.

## Annual Membership Survey

The extremely important annual membership survey will be sent to Principal Representatives early in August. 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. As you open your survey, last year's responses and information are included. Only changes have to be made. Survey results will be reviewed by the committees at the September Committee Meetings, summarized and discussed at the Annual Meeting in October, and used to develop CIBO's strategy for 2015. Please complete the survey by August 15th.

## 36th Annual Meeting – October 15-17, 2014 –Hotel Santa Fe– Santa Fe, New Mexico

It takes energy to make usable energy. It takes energy to get and clean the water we drink and use. It takes energy to get the fuel from which we can make usable energy. And when we talk about solid fuels, it takes energy, water and air to convert that stored energy into useable thermal or electric energy. Hence the theme for this year's annual meeting.

### Energy 2014+

#### *The Nexus of Energy, Air, Water, Fuel & Energy*

This year's Annual Meeting is extremely important. The questions to consider include: Why do I need steam/thermal energy? Is natural gas the answer? Is electrification the answer? Who pays for the increased cost of energy? What happens to the cost of water and fuel? What will industrial energy be in the coming years? Consider these and more this October in Santa Fe. Invitation packets have been mailed.

## From the President's Desk – Bob Bessette

It is always great to begin my little section welcoming a new member. Cabot Norit Americas Inc. is CIBO's newest member; and, as we move from planning to implementation in an environment where the uncertainty associated with natural gas has called into questions some of the decisions we have already made, their knowledge and expertise will certainly be welcomed by all.

As I am preparing to head north to Portland for what looks to be one of the best ever Industrial Emission Conferences, I wanted to let you know CIBO has been busy trying to make your life a little easier. On Monday August 4th there will be a new face for CIBO on the World Wide Web. New and improved for both our members and the public as well. Check it out. Let me know what you think; and keep a watch for Annual Meeting information.

## We Proudly Profile:



Cabot Norit Americas Inc. is a full-service solutions provider for industrial boiler operators interested in mercury remediation. With Boiler MACT (BMACT) compliance deadlines quickly approaching, Cabot offers comprehensive solutions including:

- Emissions testing and analysis
- Activated carbon injection systems - lease, setup, and operational training
- Secure supply of our industry leading activated carbons for mercury removal

We understand the regulatory challenges facing boiler operators, and are committed to helping them comply with BMACT in a timely, efficient and cost effective manner.

For more information, please contact **Will Krents** ([william.krents@cabotcorp.com](mailto:william.krents@cabotcorp.com)) or visit us at [www.cabotcorp.com](http://www.cabotcorp.com).