



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

# Boiler Blast **News**



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## Energy

Gasoline prices probably continue to be the general indicator of either personal or corporate growth on a national and international scale. At \$50.00 per barrel of oil or between \$2.30 and \$2.50 /gallon of regular gasoline, there seems to be balance point between public and private growth. While that affects the energy production sector, that does not necessarily hold true for the manufacturing sector that depends on both thermal and electrical energy for making the products that generate our standard of living. Anything that raises the cost of energy (including environmental regulations) directly impacts the cost of our products – which for our institutional members could be the cost of a college education. This directly impacts our standard of living and the availability of jobs from private sector growth, and in turn, the long term sustainability of our members. CIBO's job to help our members as they define sustainability and develop and implement sustainability goals and objectives that has only just begun. As we discussed during the last Committee Meetings, sustainability can be likened to a three legged stool. When balanced, the seat is flat, perpendicular to the ground, and usable. The three legs are, Energy, Environment/Climate Change, and the Economy (social standard of living). Try imagining sitting on this stool with

the Energy leg removed, or with the Environment leg twice as long as the other two. CIBO is still commenting with the Chamber and NAM any time this Administration tries to use the Social Cost of Carbon (Around \$40/ton) to justify energy efficiency regulations. There has been some excellent work done recently regarding the relative negative impact of energy costs on various population sectors confirming that the poor and less fortunate are disproportionately more impacted than the rest of society. These are the people the Administration and ENGO community claim to support. The Energy Committee is working to have a plan and strategy for adoption at the Annual Meeting to address our members' needs at a time when we are seeing unprecedented environmentalist pressure and the retirement of a generation of energy expertise and practical experience.

## Environment

The Environmental Committee Meeting minutes and the presentations are up on the Website and will give you a good sense of what is going on. Not much on regulatory development and finalization since the last newsletter. However, there is a lot more on setting industry up to make their data public so the concerned citizens of this country can sue and take them down. Nothing will happen regarding Boiler MACT reconsiderations and

technical corrections codifying Q&A statements until after the Court rules – maybe by the time of

## 2016 Events

**Aug 1-3 / Industrial Emissions Control Technology XIV Conference /Aug 4 Modeling Workshop**, Holiday Inn By the Bay, Portland, Maine

**Sept Committee Meetings Cancelled**

**Oct 19-21 / 38th Annual Meeting** / Woodstock Inn, Woodstock, Vermont

**Dec 6-7 / Technical Focus Group, Energy & Environmental Committee Meeting** / Hilton Garden Inn, Arlington, Virginia

our August IECT Conference. EPA is working to have someone there to give us the latest update on this and everything else that is going on. Water issues continue to grow in importance as you will see below. If you use water, you may want to begin to develop a water balance for your plant. For those who have in the past used coal or continue to use it or have legacy ash disposal sites, the utility Coal Combustion Residuals rule continues to

move with the potential for states and citizens' groups to drive those rules toward Industrial applicability. There may be some help from Congress. However, with this Administration, we expect it will fall on deaf ears and be vetoed should it ever get to that point. CIBO continues to work closely with the Midwest Ozone Group (MOG) on the transport rule and Ozone NAAQS requirements. We believe the case can be made that there is no need for any additional regulations for stationary sources or maybe anything else. However, does anyone believe the ENGO community, who receive their funding from supporters fighting for some environmental problem against an identifiable enemy, would allow this to happen unopposed? We will hear more about this at the Industrial Emissions Control Technology XIV Conference, August 1-3 and Modeling Workshop August 4th in Portland and a new era of contested permitting and environmental enforcement. See you there.

## Technical

**Boiler Operations, Maintenance, and Performance Conference** held last month in Hershey, Pennsylvania was well attended by boiler operators and engineers responsible for making energy networked and learned how to solve day-to-day problems associated with running a powerhouse. The optional plant tour was a highlight. Based on comments from last year's conference, some significant changes were made this year to include less regulatory information and more practical operations, performance and maintenance subject matter and discussion. From the review of this year's comments, we were on target; and this format will continue as we see operations, performance and maintenance growing in importance at the plant with a new corporate realization, after 15 years of environmental regulatory focus, that operations and performance could be the most important piece impacting corporate sustainability. The combination of this, the retirement of the older generation of powerhouse personnel and their replacement with a new generation of youngsters, and having Natural Gas as the current fuel of choice are the new drivers of industrial and institutional energy production and use. The meeting minutes were sent to attendees last week. Technical Focus Group session on "Strategies and Technologies to Comply with Water Laws and Regulations Impacting Industrial Energy" associated with the June EE Committee Meetings was a follow-up to the March "Water Impacts on Industrial

Energy – Clean Water Act Workshop 101" Focus Group session and was very informative and sparked great discussions. **Mark Gerath of Environmental Consulting & Technology Inc.** presented Clean Water Act issues and 316(b) lessons learned. **Eric Hallman (Moderator) of Cargill Inc.** presented some interesting Case Histories, and **Ann McIver of Citizens Thermal** presented an overview of a Typical Plant Water Balance and Associated Challenges/Issues. Presentations and meeting notes are on the CIBO members' only website.

**Industrial Emissions Control Technology XIV Conference & Modeling Workshop** will be held by popular demand again in Portland, Maine, , August 1-3 and Modeling Workshop August 4th. Environmental regulations are increasingly more complicated and difficult for the industrial and institutional facility to understand and comply with. Boiler MACT may be final. However, compliance certification, reporting, record keeping, and living with the regulations remain of concern. The potential of ICI NOx regulations for states to comply with the new Ozone NAAQS looms high on the list of some New England States and the environmentalist who would do just about anything to Kill Coal and not have to wake the sleeping public by going after the primary contributor – cars, trucks, and other things that could spell the loss of the State House. While a host of new regulations on Water and Fracking are compounding the regulatory picture, permitting new units and modifications is increasing in difficulty. It is almost a given that anything that needs, or could be shown to need, a permit will be contested by your favorite national environmental group. This year, we will be focusing much of our attention toward case study compliance presentations and looking at the latest emission control technologies coming on line, as well as addressing the implications of other rules that go beyond MACT. Issues, like the Ozone NAAQS, RICE, Turbine MACT, PSD, modeling, monitoring, and data collection, along with the whole host of issues that must be complied with to keep the energy assets of your facility operating, will be monitored. We will be looking at some Boiler MACT natural gas conversion permitting case studies. It is not as easy as one might think, and portends storm clouds on the horizon for the future. With all the new recorded CEM information and data availability, the information you provide could be used by citizens groups to

create significant problems. Converting to Natural Gas does not solve the problem in and of itself. The conference agenda is up on the Website. Our environmental concerns have gotten more complicated. Modeling is becoming a primary tool for ENGOs to contest permits or require any new unit or modification to be forced into permitting, public notice, and comment. So much so, we are holding a separate optional Modeling Workshop on the Thursday following the Emissions Control Technology Conference to discuss the details of modeling and data acquisition for compliance and permitting. The agenda and registration are online at [www.cibo.org](http://www.cibo.org).

## Committee Activities, September Committee Meetings and the October Annual Meeting

Due to DC Hotel problems, this year's September Committee Meetings are canceled and will be merged with the Annual meeting October 19-21<sup>st</sup> in Woodstock, Vermont. The content of the committee activities will be incorporated within the Annual Meeting, and committee conference calls will be arranged in the September time frame to help frame the content for Annual Meeting discussion. This year's theme for the Annual meeting will be focused around how CIBO can help our members and industry plan, define and achieve their Corporate Sustainability goals and objectives. Energy efficiency optimization and performance in a new Natural Gas era and a retiring powerhouse work force is an area where CIBO can be of significant help. You should be seeing the initial draft Annual Meeting Initial Thought Agenda and Theme by the end of next week.

Don't forget, we have a Fuels Sub-Committee Webinar this week on the new NHSM fuels – their applicability, use and technical concerns. You should have gotten a note last week. If you did not and are interested contact CIBO [Cmarriott@cibo.org](mailto:Cmarriott@cibo.org). We are also considering hosting a short focus group (1 to 2 hour) topic as a webinar in the September time frame to expand the Technical Committee Activities to more plant operating personnel.

## From the President's Desk – Bob Bessette

Over the last month or so I have been able to visit a few of our members' facilities and see what the real world is like. When you touch a boiler, put your hand on the back casing of a

package boiler when looking through the view port at the burner, and you can feel the energy of the combustion. It is then I realize the true energy it takes to make industry work and what we do for the country. When you are there, there is no politics, there is no Left or Right. There is, however, a renewed sense of satisfaction in what we do as CIBO, which is dedicated to ensuring that non-utility industrial, commercial, and institutional energy producers can continue to provide safe, cost-effective, and reliable energy to sustain a strong and globally competitive economy. Thank you for letting me visit your plants and recharge my batteries.