



Boiler Blast News



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

JULY 2016

Energy For the next two weeks, most of the energy concerns will be associated with the Republican National Convention July 18-22 in Cleveland, and the Democratic National Convention in Philadelphia July 25 -29. It will be interesting to watch for how our energy and environmental issues are addressed by each group. The Global Warming, Manmade-CO2-Driving-Warming, Climate Change proponents will be out in force going after anything and everyone that may be a detractor. They are winning so much so that even a majority of NAM's Energy and Natural Resources Committee voted to remove seven little words in their Energy and Natural Resources Policy Statement to be sent to their Board of Directors for approval. Those words, "believed to be associated with global climate change." The actual full sentence with those words ending, reads "The NAM and our members are committed to protecting the environment through greater environmental sustainability, increased energy efficiency and conservation and reducing greenhouse gas emissions." Those seven words were the only words in the multipage document addressing the uncertainty within the science or the possibility of alternative theories for climate change. How both the "Ds" and the "Rs" address energy will be indicative of the trouble we will have in the coming four years depending on who wins the White House and who controls the House and Senate. We will start hearing about this at the upcoming

conference in Portland, but it will play an extremely important role at the Annual Meeting and planning following the elections.

Environment Headlines from [Inside EPA 7-18-16](#); [EPA Floats Public User Guidelines For Personal Air Pollution Monitors](#) -- EPA is for the first time floating a draft user guide for members of the public who collect emissions data with personal air pollution monitors, in order to help people interpret a wealth of newly-available air pollution data using short averaging times, though some critics say the monitors can produce inaccurate information. This could be the single biggest reason for attending the IECT Conference in Portland the week after next. It is no longer about regulations, it is about continuous compliance with those regulations 60/60/8760.

SSM is on the way out. Affirmative defense is on the way out and the environmentalist radicals are being empowered to do the work of the Office of Enforcement and Compliance Assurance (OECA).

It is not only for Air Regulations that the Administration and EPA are empowering the citizens to challenge any emitting source but for Coal Combustion Byproducts (new and previously stored) and water regulations as well. Try to permit a new unit or modification and your CEM data can be used. Regardless of the real data, if the modeling shows non-

compliance, enforcement actions may be forthcoming. The days of not knowing and being able to support what you are doing 60/60/8760 later in court, or at the state, are gone. Natural Gas is not an exempt fuel. NOx emissions above 30 PPM will probably never be seen again. The drive for CO2 reductions via the Clean Power Plan at some states to get Regional EPA approval could mean additional justifications and reporting to help the citizens. The overall theme for the last 15 to 20 years has been regulatory development. That was relatively easy. The new era is one of continuous compliance 60/60/8760. That will truly be a challenge with an empowered radical citizenry. See you in a couple weeks in Portland.

2016 Events

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

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

Welcome to **Kinetrex Energy**

Technical In a political environment, it is becoming more and more difficult to find people to replace the Old Guard as they retire and go different ways. The internet is the answer for most of the younger people entering the industry. The Art of Boiler Operation, Performance and Maintenance, a book that has yet to be written, is not there to help. CIBO's Technical Committee will be considering this as the plans are developed for next year's agenda. Completing the Annual Survey to members is one way you can help. Getting youngsters to the meetings where they can personally network with the Old Guard is another. Finding ways to make these interconnections will be one of our objectives as we move forward. If you would like to help, let us know.

Industrial Emissions Control Technology XIV Conference & Modeling Workshop

Again, in two weeks, by popular demand, we are back in Portland, Maine, Aug 1-4, 2016.

The agenda is excellent, with plenty of time for networking with the best and brightest industrial and institutional energy and environmental engineers in the country. It also focuses more on the changes we are seeing as EPA is pushing enforcement, support for citizens suits and permitting, using the monitoring, data collection and reporting built into the MACT Rules to achieve their objectives. For the environmentalist, that would be Kill Coal and Zero Discharge of anything they do not like. As we are also seeing, Natural Gas does not get a pass. State permits to be approved by EPA Regions are mandating low NOx at maximum boiler/steam generation efficiency. 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, anything that needs, or could be shown to need a permit will be contested. Check out the agenda on the web. 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 and 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 into the future. Modeling is becoming a primary tool for ENGO's to contest permits or a requirement for any new unit or modification anyone can force in to permitting and 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.

We still have rooms available at the hotel. If you have a problem securing a room, please contact Gail at gail@cibo.org.

September Committee

Meetings Due to DC Hotel problems, this year's **September Committee Meetings are canceled** and will be merged with the Annual Meeting October 19-21st 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.

38th Annual Meeting – October 19-21, 2016 – Woodstock Inn, Woodstock, Vermont

This year's Annual Meeting is extremely important and will be focused around how CIBO can help our members and industry plan, define and achieve their Corporate Sustainability goals and objectives. Hence the theme for this year's Annual Meeting is **"Navigating a Road to a Sustainable Energy Future."** 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.

The agenda is up on the website www.cibo.org.

Annual Membership Survey

The extremely important annual membership survey will be sent to Principal Representatives early in August.

Principal 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. As you open your survey, last year's responses and information are included. Only changes have to be made. Survey results will be reviewed and summarized, presented and discussed at the Annual Meeting in October, and used to develop CIBO's strategy for 2017.

From the President's Desk – Bob Bessette

I'd like to welcome our newest member **Kinetrex Energy**.

There are days when you feel you are making progress and there are days when you do not. And then there are days when you cannot tell what direction it is going. When Politics is involved, most days are someplace in the middle, you don't really know. This is especially true when we are talking about the science and technology that supports our policy and when we try to educate others. In today's politics, if what you say is not what I believe, then you are wrong, evil or the enemy, if it is in relation to CO2 and Climate Change; and no further discussion is accepted. Thank goodness for CIBO's ability to put common sense and practical reality together to help our stakeholders understand the science behind these complex issues. I believe, thanks to you, at the end of each day we always come out on the positive side of what we set out to do.