



# Boiler Blast News



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

NOVEMBER 2016

## Annual Meeting Highlights

CIBO's 38<sup>th</sup> Annual Meeting was filled with great information, activities, plenty of discussion and valuable takeaways for all. As we enter 2017, our understandings from the presentations and discussions will be invaluable in helping move our issues forward. All things considered, CIBO is doing very well, and we will be looking to do even more next year.

For those of you that could not attend, the theme for this year's Annual Meeting, Navigating the Road to a Sustainable Energy Future, was perfectly timed. As we considered the three pillars of sustainability, care and respect for the natural environment, sound financial management for the business, and support for the communities in which the business of institution operates, attendees found that the map we use to follow is changing on all fronts faster than anyone ever imagined. And, energy, industrial and institutional energy, CIBO's primary concern, is at the heart of that change. The most important goal of the meeting was to facilitate a discussion and understanding of this change so CIBO members can see ahead on the map rather than travel in the dark. Based on

the survey responses, we accomplished that and more.

During the business portion of the meeting, **Scott Darling, Alcoa Inc.**, and **John (Jay) Hofmann, Trinity Consultants, Inc.** were re-elected to the Board of Directors. The Board elected **Ann McIver, Citizens Thermal**, as Chairperson; **Mark Calmes, Archer Daniels Midland Company**, Vice Chairman; **John (Jay) Hofmann, Secretary/Treasurer**; and **Robert (Bob) Bessette**, President. At the Thursday evening New England Lobster dinner, **John deRuyter, E.I. DuPont de Nemours & Company** (retired) and **Carl Bozzuto, ALSTOM Power Inc.** (now GE) (retired) were awarded Honorary Memberships for their long term contributions to CIBO. **Gail Bessette**, CIBO Manager of Meetings and Administration, was awarded an Honorary Thorn Exceptional Award and **Denis Oravec, AAI/JMP Engineering** was awarded the 21<sup>st</sup> Annual Bill Marx Thorn-In-The-Side Award. As part of our annual **Jerry Debban** Golf Tournament with proceeds from Mulligans, String and donations going to Washington, D.C.'s Children's hospital, we raised over \$1000.00. That is a record!

Check out the meeting minutes and presentations posted on the "Members Only" website.

Next year's 39<sup>th</sup> Annual Meeting will be held October 18-20, 2017, by popular demand again at the Ponte Vedra Resort in Ponte Vedra, Florida.

## Energy

Combined Heat and Power (CHP) and the change of the powerhouse from a central industrial/institutional energy production location to one of distributed energy generation at the point of use in a world of natural gas as the industrial fuel of choice is becoming a focal point of our activities. This is further complicated by the advances in localized electric radiant space heating making steam and hot water heating a thing of the past. Without a thermal demand, there is not CHP. Today, all aspects of industrial energy operation exist in an expanded and more complicated and regulated world. And, today, environmental concerns are being positioned to lead energy decision making. Energy decision making has changed and is continuing to change in

ways that make it difficult to project the business risks associated with those decisions. Advances in battery and electric storage technology could help integrate renewable energy into the CHP evaluations we make at individual facilities. The Tuesday morning Focus Group Session in December will consider the latest information on CHP as our national energy needs shift in that direction. During the energy policy session we will consider the existing industrial and institutional coal fleet and policy difficulties in integrating CHP into the current utility grid and dispatch system. Check out the links to EPA tools to help states implement the Clean Power Plan <

<https://www.epa.gov/statelocalclimate> > EPAs Local Climate Action Website & < <https://www.epa.gov/statelocalclimate/energy-and-environment-guide-action> > EPAs Guide to Climate Action. While around 80% of the industrial/institutional coal plants have either shut down or converted to Natural Gas, the larger coal fired units are still there. What is happening to these is still a significant concern to CIBO and its members. We will be talking about these and how coal may play a role in the new Administration, be it a Clinton Administration or a Trump Administration.

## Environment

Wouldn't it be nice if we could say there is no need for any additional environmental regulations and EPA's only concerns are on how to help industry, institutional energy producers use and provide the energy the country needs to make and do all that we do to be the best and greatest country in the history of the World? As someone once said, "Dream on Alice!" Boiler MACT Reconsideration is still lingering in the courts with EPA petitioning for rehearing requesting Remand versus Vacatur on the vacated portions and the enviro's petitioned asking for full court review of the final ruling on CO and the UPL issues. The presentations from the Annual Meeting environmental session on Friday morning should be up on the member's only website. We should know more about its status and what the

Enviro's want for support of the EPA petition. With the elections "Today," how and what EPA will be doing over the next three months until January 19<sup>th</sup> could be very interesting. While most of what they do is directed for the utility sector only, there is pressure from EPA Regional offices to apply the same to all sources. The new 2015 Ozone NAAQS Implementation rule could definitely have some indirect impacts on us.

<https://www.epa.gov/ozone-pollution/implementation-2015-national-ambient-air-quality-standards-naaqs-ozone-state> >

CIBO also continues to follow Clean Water Act rules that will have impacts on all users and dischargers and ash management rules have already been adopted by some states for all sources. Ash disposal site closure requirements could have significant implications for companies that have converted to natural gas and now have to handle closure of their old ash disposal sites. EPA has asked us to help with the updating of the EPA Cost and Technology guidance documents and their upcoming technology review of the combustion turbine MACT. There was a great presentation on this by **Leslie Witherspoon of Solar Turbines Inc.** at the Annual Meeting. Whatever comes of this rulemaking will impact directly our ability to justify combustion turbine CHP in the future. Now that 80% or so of the coal fired industrial/institutional capacity has converted to Natural Gas or shut down, it looks like their next target will be Natural Gas fired units.

## Technical

Based on survey responses and members discussions, the CIBO 2017 Conferences are set for next year:

The Boiler Operations, Maintenance, and Performance Conference will be held April 24-27 in Pittsburgh, Pennsylvania. This conference will focus on operations, performance and maintenance issues for the powerhouse as we look at what it will

be and where we have to be in the new energy era. The conference will continue to provide time for FBC, Stoker and now gas and oil fired boiler owners to address their unique concerns. An optional tour will be offered Thursday AM at a local power plant. We will begin planning for the conference on Wednesday afternoon following the December Committee Meetings. A draft discussion agenda should be available the week before the meetings. **If you would like to make a presentation or would like a specific topic address, we need to know by Friday December 2<sup>nd</sup>.** If you would like to participate in the planning process, contact Gail now at < [Gail@cibo.org](mailto:Gail@cibo.org) >. As with all CIBO conferences, CIBO members have priority. That priority will extend until January 15, 2017. After that time, available openings will be filled as needed with non-CIBO member companies

. Case studies always have priority. If you are thinking about contributing, check out the Technical Issues and concerns from the Annual Survey results online from the annual meeting.

The Industrial Emissions Control Technology XV Conference will be held by popular demand again in Portland, Maine, July 31-August 3.

Planning for the IECT this year will begin the first week in January. We will be focusing much of our attention toward case study compliance presentations and look at the latest emission control technologies coming on line, as well as, addressing the implications of other rules 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. If you would like to participate in the

planning process, contact Gail now at < Gail@cibo.org >.

## Annual Membership Survey Results

The annual survey results are posted on the “Members Only” website, as well as, the Annual Survey Report included in the Membership Report given at the Annual Meeting. We would like to thank all who provided valuable feedback in the guidance of CIBO’s strategy development and allocation of resources for maximum benefit to members.

## Technical Focus Group, Environmental, Energy Committee Meetings –Dec 6-7, 2016 Arlington, VA

Focus Group Topic is Combined Heat and Power.

Key topics of Committees to be addressed include: Implication of the election results on energy and environmental issues affecting CIBO Members, CHP/DG Access Pay to Play Dynamics, Clean Power Plan, How Will Existing Coal Plants Look in the Future, EPA Cost Manual, Environmental Justice 2020, Litigation and Reconsideration for BMACT Suite of Rules, Refrigeration Management Requirements, and Water and Ash Rules Update.

## From the President’s Desk – Bob Bessette

I mentioned above about not having environmental issues to consider. I doubt that will ever happen. However, it could. The Cubs won the World Series after 108 years. When I was in Chicago, I thought it could never happen. I heard the following regarding the Annual Meeting. “It was the best ever or one of the all-time best.” There were a couple of ideas that came

through loud and clear. We are definitely in an era of rapid change and navigating to anything sustainable is difficult, especially if what you are moving is changing along with the map and the tools to read it. And second, CIBO is so much more than just “boilers” and powerhouses. The technical and scientific foundation from which our energy and environmental advocacy are built provide for tremendous credibility as we look for the most cost effective and environmentally sound ways of producing and using the energy it takes to make or do anything. When someone comes to our meetings, it doesn’t take long for them to realize that it is the CIBO participants, our members, who make it happen. Thanks! One last and probably most important note, if you have not voted today or ahead of time, leave now.

### 2016/2017 Events

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

**Mar 7-8/Jun 6-7/Sept 12-13/Dec 5-6/Technical Focus Group, Energy & Environmental Committee Meeting** / Hilton Garden Inn, Arlington, Virginia

**Apr 24-26/Boiler Operations, Maintenance & Performance Conf.**, Sheraton, Pittsburgh, PA **Apr 27/Tour**

**Jul 31-Aug 3/Industrial Emissions Control Technology XV Conf**, Holiday Inn by the Bay, Portland, ME

**Oct 18-20/39<sup>th</sup>Annual Meeting**, Ponte Vedra Resort, Ponte Vedra Beach, FL