

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



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2011 CIBO Meetings

Technical Focus
Group/Environmental
& Energy Committee
Meetings
Arlington, VA
June 7-8, 2011

Fluidized Bed
Combustion XXIV
Conference
Hershey, PA
May 23-25, 2011

Industrial Emissions Control
Technology Conference IX
and Regulatory Workshop
Portland, Maine
August 1-4, 2011

33rd Annual Meeting
Lago Mar Hotel
Ft. Lauderdale, FL
Oct 12-14, 2011

Contact CIBO:

6035 Burke Centre Pkwy
Suite 360
Burke, VA 22015
Ph: 703-250-9042
Fax: 703-239-9042
cibo@cibo.org

Energy

Every year around this time as the price of gasoline goes up, energy is as a result on the minds of everyone and the thoughts and actions of congress to provide energy cost relief are ramped up. There is a comprehensive energy bill making its way through the senate. Considering the current economic situation and rising cost of energy, there is a reasonable probability that we could see an energy bill before the July 4th recess as we have seen in the past. A discussion draft is for industry energy efficiency is available for discussion and has been sent out to the Energy and Government Affairs Committees for Comments. The following are the current titles;

TITLE III—INDUSTRY

Subtitle A—Manufacturing Energy Efficiency

Sec. 301. State partnership Industrial Energy Efficiency Revolving Loan Program

Sec. 302. Coordination of Research and Development of Energy Efficient Technologies for Industry

Sec. 303. Energy Efficient Technologies Assessment

Sec. 304. Future of Industry Program

Sec. 305. Sustainable Manufacturing Initiative

Sec. 306. Study of Advanced Energy Technology Manufacturing Capabilities in the United States

Sec. 307. Industrial Technologies Steering Committee

Sec. 308. Authorization of Appropriations

Subtitle B—Supply Star

Sec. 311. Supply Star

We will try to get someone from Senator Sheehan's (D-MI) office to come over to the June meetings for an update on its status.

We have found in the past that as the cost of gasoline goes up, the publics' and Congress' appreciation for the reality of the impacts of all increases in energy (both direct and indirect), as with environmental regulations, increases. We will keep following these activities and hear more about it in June.

Environment

It has been a bit busy. There are lots of questions.

There is a discussion draft of a Senate Bill to put a hold on EPA. John Walke of NRDC said at a meeting of the Institute of Clean Air Companies on April 28th that he is titling this as the "Death Act of 2011." And they are going to mass a 3 pronged public relations campaign addressing: 1. Public Health, Public Health, Public Health... How many Americans should be allowed to die? What is the Number? 2. Do people think Arsenic, Lead, Benzene and other Toxics have negative health impacts? 3. Mercury impacts Pregnant Woman, Infants and Children. This is interesting since EPA cannot show any health benefits directly associated with Air Toxics that they have not already accounted for in setting the PM, Ozone, SO₂ and other NAAQS. Our efforts to protect the three good things in the rules: Work Practice Standards, an ability to move a Gas II fuel into a Gas I category to use work practice standards and a Limited Use Subcategory could be challenging. Maybe NRDC, NACAA and company will not challenge these in the courts. Considering there is no unit in existence that can meet the New Unit Standards simultaneously, the prognosis for any new coal, oil or biomass fired units in the future (as EPA acknowledged in the Regulatory Impact Analysis) is nonexistent. And, if you burn coal, you will need a scrubber, activated Carbon injection and a baghouse to continue burning it. From the EPA database, there are 1594 Major Source existing Solid and Liquid units. Of these, using basically EPA assumptions for compliance, we project there are 31 units that can comply without incurring costs – 26 Biomass (5.58% of the subcategory), 2 Coal (0.37% of the subcategory), 2 Process Gas (4.93% of the subcategory) and 1 Liquid (0.19% of the subcategory). Since it is physically (by the laws of God and physics) impossible for a unit to operate and emit only one emission class at a time, industry has to comply simultaneously with all emissions limits. It would seem logical that if the rule were written such that the average of the top 12% of the best performing units in a subcategory set the limits for the subcategory, that 6% of the units in the subcategory should be able to comply without costs and that there should be at least one unit in the country that can comply with the New Unit Standards. Duh!!! We are finalizing the projected cost of the final rule. It is looking better but by no means is it pretty. If the good pieces cannot be maintained and the bad pieces modified, as the Apollo 13 commander said to mission control, "Houston, I think we have a problem!!!" CIBO, should special funding allow, will be (for all four rules): petitioning for an Administration

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Stay of the Rules, petitioning for Administrative Reconsideration/Rule Amendment, petitioning the courts for Review of the Rules, filing motions for a Judicial Stay of the Rules and to Intervene to support EPA on the good parts, and then do all the work associated with following through to hopefully a reasonable and acceptable outcome for all. The pieces are coming together. The FBC Conference, the Emissions Control Technology Conference will be critical events as we look at how to comply and if that is possible at a reasonable cost. The CIBO Quarterly Meetings will be critical as we address the policy, litigation and advocacy activities to help EPA come up with a reasonable environmentally beneficial and economically justifiable end result.

Technical

See Meetings below.

Focus Group, Environment, Energy & Technical Committee Meetings –June 7-8, 2011 Arlington, VA

Focus Group Topic is "PM and Hg Measurement & Monitoring."

Key topics of Committees to be addressed include: Boiler MACT State of Rules (Compliance Overview, Issues, Reconsideration), DOE Development of Tools to Guide EPA Energy Efficiency Requirements, Energy Assessment Protocol Development for Boiler MACT, GHG Regulatory Developments, Litigation Update, NAAQS, NSR, RCRA Ash, and 316b Water Supply Intake Proposed Rule.

FLUIDIZED BED COMBUSTION (FBC) XXIV CONFERENCE

May 23-25, 2011 – Hershey Lodge, Hershey, Pennsylvania

CIBO XXIV Fluid Bed Conference is May 23 through the 25th in Hershey, Pennsylvania at the Hershey Lodge with an optional Tour to the new CFB unit at Evergreen Community Power. If any existing combustion technology can meet the new Boiler MACT Rules, FBC units should be at the top of the list. Can they? If so, how can they? Can your unit do it? This will be the first time we will have an opportunity to discuss the implications of the final Boiler MACT and proposed Utility MACT Rules at the boiler plant level with the actual operators. The technical content is better than ever with presentations and discussions on operations, maintenance, optimizations, back-end control systems for HCl, Hg, NOx & SO2, and ash disposal. There is plenty of time on the agenda for discussion and networking with your and leaders in the field. This information will also be applicable for anyone owning and operating Stoker Fired systems. A detailed program and on-line registration is on the CIBO website under 2011 Calendar. If you are interested, contact Gail at 703-250-9042.

Industrial Emissions Control Technology IX Conference - August 1-3, 2011

Regulatory Compliance Workshop - August 4, 2011 - 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 recently promulgated Boiler MACT, Area Source, Commercial Industrial Solid Waste Incineration (CISWI), and Waste/Fuel Definition Rules. The conference will focus on dissecting these rules to better understand their timeliness, control and compliance options. Topics include Boiler and Area Source MACTs, State SIPs, PM, SO2, NOx, GHGs, CATR, Fuel Flexibility, Energy Efficiency, and New Technology Operations & Performance. Also included are Owners', Manufacturers' & Suppliers' and NGO & Regulators' only forums to help generate valuable discussion between the groups resulting in a truly beneficial conference for everyone. In addition, a Regulatory Compliance Workshop with Regulators, Technology Developers, and Owners & Operators will help bring it all together. A detailed program and on-line registration is on the CIBO website under 2011 Calendar.

From the President's Desk – Bob Bessette

The technical details of all the issues are almost to the point where a cogent public response can be made and an active campaign begun. We should have most of that by the FBC Conference and be getting into the details of that activity beginning with the June meetings. If I could say only one thing today, it would be, if you own a Fluidized Bed Boiler, design them, supply fuel and/or services, then you need to be at the FBC Conference! The room block is gone. However, they may give you the CIBO rates if space is still available at the Lodge.