



cibo NEWS

Powering a sustainable energy future

February 2024

EVENTS

March 14, 2024

"EE" Committee Meeting

VIRTUAL Webinar Presentations

(3pm – 5pm EST)

May 14 – 15, 2024

IN-PERSON Conference

Washington, DC

Policies & Technical Issues I

June 25, 2024

"EE" Committee Meeting

VIRTUAL Webinar Presentations

(3pm – 5pm EST)

August 6, 2024

"EE" Committee Meeting

VIRTUAL Webinar Presentations

(3pm – 5pm EST)

September 24 – 25, 2024

IN-PERSON Conference

Washington, DC

Policies & Technical Issues II

October 29, 2024

CIBO 46th Annual Meeting

VIRTUAL Business

December 10, 2024

"EE" Committee Meeting

VIRTUAL Webinar Presentations

(3pm – 5pm EST)

SAVE the DATE: CIBO Policies & Technical Issues Conference I **May 14-15, 2024 – Washington, DC**

Our plans are well under way for CIBO's first in – person meeting this year on May 14-15 in Washington, DC. This event is the first of our two scheduled "Policies & Technical Issues" conferences, with the other set for September 24-25. Our location has changed to the DoubleTree by Hilton in Crystal City, VA, which is very near to the Reagan National Airport. Please mark these dates on your calendar. Our registration process will begin in the weeks ahead (stay tuned...) and open to CIBO members and non-members.

Our two – day conferences this year will continue CIBO's new meeting agenda approach that combines technical operations and maintenance with strategic policy and regulatory concerns, similar to last year's CIBO conferences, and will cover a wide range of industrial power and energy technology topics that address sustainability, de-carbonization, resilience and reliability. Our focus will also include plant - level environmental permitting and compliance and long - term asset management and planning. We will also address day - to - day powerhouse operating challenges.

Please mark your calendars!

CIBO Chairman's Remarks – Jim Hoyt, ADM

2024 CIBO Outlook – We are Off to a Great Start!

Greetings to all! As I am sure is the case for everyone, my work weeks in January proved to be extra -busy... and, now for CIBO and its members it's "Full Speed Ahead!" On behalf of CIBO's Executive Committee, we are really looking forward to a fantastic year, building on a lot of success and great work last year, including our two in – person "Policies & Technical Issues" conferences last summer – in May and September. We also held a number of virtual committee meetings, and in the 2nd half of the year, we established a new style for these virtual sessions, with shorter and more targeted topical webinar expert presentations by CIBO members and outside guests. Our plans for 2024 (see left column of this newsletter) follows the same design. Earlier this month (on February 6th), CIBO held its first virtual committee webinar of the year, with several excellent presentations, including: cybersecurity challenges – managing boiler house data, firing hydrogen blends – boilers, and an update on small modular nuclear reactor technologies and licensing. We also heard from Capitol Hill – Adam Tomlinson, GOP Staff Director for the Senate Environment and Public Works Committee, who provided an insightful update on on-going energy and environmental regulations and legislation, including the Biden Administration's clean energy and climate agenda.

As I outlined during my remarks at the Annual Meeting back in November, CIBO has re-fashioned itself over the past several years to squarely address the continuing

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transformation of the energy sector in the U.S. With this technology sea change underway – now and for many years to come, CIBO has changed to meet these challenges. The organization has also positioned itself to be able to provide enhanced regular support and assistance to our members. Across our three equally important membership classes – manufacturing companies, universities, consulting firms and suppliers – members are working very hard every day to navigate the regulatory, legislative and policy complexities we all face. CIBO has widened its focus to capture an array of policy challenges before us, including energy technology changes, sustainability and de-carbonization concerns. At the same time, CIBO remains steadfastly committed to a technical approach to much of our work, including at the plant level – where we dive into both powerhouse and boiler operational concerns as well as environmental regulatory implementation and enforcement issues.

- **Our Re-Focused Mission Moving Forward:** We are very well positioned as an organization to address and profile these issue complexities. One of our main goals is to identify and to pursue technical solutions to support our current and future industrial energy needs.
- **CIBO Membership and You:** CIBO is once again experiencing very significant growth in our membership. Over the past 15 months, ten new members have joined our ranks. This gives us important, added financial resources to build on our activities. We, as members, give CIBO its life blood. In 2024, we will continue our momentum from last year, working hard to bring in more new members as we go along. I want to take this opportunity to again thank each of you for your continued support for CIBO! We look forward to working with many of you as we continue with our membership recruitment efforts. Our best recruitment opportunities come by way of the individual business connections that we all have.
- **Your Involvement:** We urge you this year to participate in our committee meetings, share thoughts and ideas with us and to attend our CIBO Conferences. There are many opportunities for CIBO members to make contributions. CIBO's great success as an organization has always relied upon a great team effort! Please feel free to contact me at any time (james.hoyt@adm.com), and thanks again for supporting CIBO!

CIBO's Key Areas of Focus – Policies and Regulations: Energy Technologies, Industrial Power, De-Carbonization, Sustainability and Environmental Compliance

CIBO Maintains an identified list of policies, technical issues, regulations etc. which we focus on each year. Below is a summary list, which is also included on the CIBO website – Policy Committee areas (www.cibo.org.) We will be reviewing and updating as – needed this list as we advance our planning for this year, including our CIBO meetings and our in – person conferences. We'd love your input!

Please reach out to our CIBO Policy Committee Chairs (Bob Morrow – Environmental Committee (bmorrow@detroitstoker.com), Robin Ridgway, Energy & Sustainability Committee (rmridgway@purdue.edu) or Alex Stoddard (astoddard@cibo.org).

Climate and Clean Energy Policies

- Greenhouse Gas (GHG) Emissions Reporting
- Social Cost of Carbon
- ESG Risk Reporting – SEC Regulation
- Sustainable Development Goals – U.N. and NGO's

Boiler Operations

- Boiler Safety
- Resiliency Planning and RMP
- Alternative Fuels: RNG, Biofuels, Hydrogen Blends, Biomass, Nuclear (SMNR)
- PowerHouse – Operations and Communications
- Waste Heat Boilers and Steam Generation Optimization
- Renewable Energy – Heat Recovery
- Boiler Water Chemistry

Power, Energy Technologies, Programs and Markets

- Industrial Power De-carbonization Technologies
- Industrial Energy Efficiency and CHP
- Campus Energy Profiles
- Thermal Energy Storage
- Carbon Sequestration
- Hydrogen Hubs and Systems
- Direct Air Capture
- Electricity and Natural Gas Markets (DOE)
- DOE, EPA, IRA Programs – Tax Incentives and Grant Funding

EPA Air and Water Regulations

- 2015 Ozone NAAQS Implementation
- Changes to PM 2.5 NAAQS
- Boiler MACT and MACT RTR's
- Fuel Conversion – Clean Air Act
- PFAS – Implications for Industrial Energy/Operations
- Waters of the U.S. (WOTUS)

State – Level/Facility – Compliance and Permitting

- Environmental Justice (EJ) – Community and Cumulative Impacts
- Fenceline Ambient Monitoring
- Cooling Water Intake Structures (316b)
- HAPS Compliance – Title V Permitting
- EPA Facility Data Reporting
- Facility NOx Reduction Control Technologies