



Boiler Blast News



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

JULY 2017

Energy - The battle for Energy Policy is ongoing and fierce inside the Department, and with those who believe they will be directly affected based on the words of the President and Secretary Perry about Climate Change.

A little background on the Department of Energy – many Presidents have said when running for the office or on getting it, that they will shut down the DOE. However, once they get there and find that DOE's primary job is to manage the nuclear operations, capabilities and resources of the country and that they cannot be controlled by the Department of Defense, the military, their view changes. Since you can't make or do anything without energy, their role has evolved over time to include energy related matters that cut across state lines like infrastructure, natural national disasters and energy assurance, plus a lot of physical science research. Because without affordable, available and reliable

energy the country cannot survive. So too for each of our member companies. Here is the mission as described by DOE:

The United States Department of Energy (DOE) is a [Cabinet-level](#) department of the [United States Government](#) concerned with the [United States'](#) policies regarding energy and safety in handling nuclear material. Its responsibilities include the nation's [nuclear weapons](#) program, [nuclear reactor](#) production for the [United States Navy](#), [energy conservation](#), energy-related research, [radioactive waste disposal](#), and domestic [energy production](#). It also directs research in [genomics](#); the [Human Genome Project](#) originated in a DOE initiative. DOE sponsors more research in the physical sciences than any other U.S. federal agency, the majority of which is conducted through its system of [National Laboratories](#).

That said, for 241 years the bureaucracy of how the government

has run has grown from nothing to a massive institution that runs the country the way it has always run. As a military officer once said, "the new directive says we will do it in a new way, don't worry nothing will change" – the bureaucracy. As this Administration attempts to change from a government way to a business way of doing things without the second and third tier of management in place (partially due to the bureaucratic push back), we have what may seem to be chaos. The Annual Meeting this year will be important as we look to leverage our opportunities to meet tomorrow's challenges.

Environment - Regarding what is getting done at the agencies, see the above about DOE. For those of us who try to do our jobs, and focus on solving one problem at a time or maybe more than a few at a time, we are not normally in the activist army of reformers and socialites. When we seem to be making good progress,

“Life is Good” and maybe there is time to relax a little. However, in the background all is not necessarily smooth and “Hunky-Dory.” One of our friends sent a link to an article “When Will The Planet Be Too Hot For Humans? Much, Much Sooner Than You Imagine” to be published in the New Yorker magazine this September and asked for a response and any source that can be used to comment:

<http://www.msn.com/en-us/news/technology/when-will-the-planet-be-too-hot-for-humans-much-much-sooner-than-you-imagine/ar-BBE6Tnd?li=BBnb7Kz>

Eliminating the lead in sentence about the “Sky is Falling”, the response was, it has all the characteristics of a very good gut impacting story that will support existing believers beliefs and generate increased activism, donations and followers of the new minister/evangelist of the global warming religion. The climate radicals are beginning to see the reality of what climate is... Thousands of years for change. Pushed into a corner with real science and data, this is what happens to the believers that the world is ending. Sad in a way. There is nothing out there that would not be immediately shot down as “Climate Denial/Denier.” At this point, this is so far out that it doesn’t deserve a response based on science. It may be something to go through and ask for the scientific support for all the claims. Check out the following link that might give some insight regarding what might happen to someone questioning the validity of the article:

http://www.bing.com/search?q=climate+denier&src=IE-SearchBox&FORM=IESR02&pc=EUP_P

This is probably the best example of the potentially biggest environmental

problem we will have -- citizen activist. What we see day to day is positive support for solving our problems within a Trump Administration. Under the surface there is a vehement response from the radical left growing, that if we are not aware of, or prepared for, could have serious consequences for the normal operations of our facilities. If you have not looked into the **Industrial Emissions Control Technology XV Conference** in Portland, Maine on July 31-August 3, you might want to.

Technical - The Technical Focus Group session on “Water Side Enhancements” associated with the June Committee Meetings was excellent, very informative and timely. Ann McIver of Citizens Thermal presented **Understanding the Plant Water Balance**, Eric Hallman of Cargill Incorporated presented **Plant Water Efficiency**, and Colleen Layman of HDR presented **Boiler Water Chemistry - Getting from the Source to the Boiler**. Water is becoming a more important concern as activists look for new avenues to promote their agendas. Presentations are on the CIBO Members’ Only website.

Industrial Emissions Control Technology XV Conference and Optional Industrial/Institutional Air Permitting Workshop - July 31-August 3 in Portland, Maine.

Considering the uncertainty associated with the implementation of a new Administration’s agenda and the need to shift momentum about 180 degrees, we have a problem. There could not be a better time for the IECT. With a new environmental order where citizen challenges and action will impact any energy or environmental project and need, this

year’s conference will be focused with much of our attention toward case study compliance presentations, alternatives selections, permitting, and project implementation. We will also 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. The agenda and registration is on-line at <https://www.cibo.org/industrial-emissions-control-natural-gas-conference/>. As we look to the future (Tomorrow), any change to the energy system, other than shutting it down, could be construed to need a permit by some outside organization. The optional Thursday Permitting Workshop could provide valuable information and insight in this new era of compliance and enforcement.

39th Annual Meeting – October 18-20, 2017 – Ponte Vedra Resort, Ponte Vedra Beach, Florida

This year’s Annual Meeting theme is “Leveraging today’s opportunities to meet tomorrow’s challenges.”

At the end of the 2015 Annual Meeting at the Ponte Vedra Beach venue, everyone requested we come back. It is a great venue. We are there again this year. With the chaos going on as the Trump Administration takes control, how energy and environmental issues will be addressed and handled will be of prime importance as everything begins to come together and the challenges we expect to be facing begin to solidify. The Annual Meeting is for members and invited guests only. If you know of someone that should be invited, let us know. Invitations have been

emailed to our members and honorary members.

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, summarized, and presented and discussed at the Annual Meeting in October, and used to develop CIBO's strategy for 2018.

Higher Logic Communications Platform -

The new Higher Logic site is ready for Beta Testing and should go our Principal Representatives and development task group early next week prior to being distributed to the CIBO committee members. If you know of someone at an operating facility that should be included and is currently not on a CIBO committee let us know. The initial application of the community based site will be toward the technical applications, operations, performance and maintenance of the energy systems within the facility. Policy and advocacy activities will come later.

From the President's Desk – Bob Bessette

As always it is great to start my paragraph welcoming a new member [Accordant Energy LLC](#). Their participation will make us all stronger. In my 22 years of being here, I have never seen a time when the battle

lines have been so clearly drawn based on expectations and perceptions of what policy will be, yet in an environment where the managers who direct the workers have not yet been placed to turn on the lights. Putting this all together within the seminal changes happening in energy, environmental, financial and social systems will be a challenge that CIBO can help work out. We are all in the get ready stage – like one of our members who is a nationally competitive drag racer, racing a truck named Tony, having gone through the pre work of getting ready to go to the line when someone steps up to call the races to order and light up the Christmas tree. I believe CIBO is here to help us be at the line and know when the lights will be lit.

2017 Events

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

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

Oct 18-20 - 39th Annual Meeting, Ponte Vedra Resort, Ponte Vedra Beach, FL

WE PROUDLY PROFILE:



Accordant Energy® is an emerging clean technology company creating economic

and environmental value by diverting municipal solid waste from landfills and delivering a unique, renewable solid fuel technology to the global power market.

Through its licensees and partnerships, Accordant deploys a patented technology to recover high value recyclables and organic matter from the mixed municipal waste stream and converts the remaining material, which to date has been disposed in landfills, into an engineered fuel, marketed under the trade name Re-Engineered Feedstock, that can be co-fired with coal and biomass in power generation facilities, cement kilns and industrial boilers.

Contact Paula Calabrese at paula.calabrese@accordantenergy.com (802)772-7368



Stanley Consultants

Stanley Consultants is a global leader in planning, designing, procuring and managing complex capital projects in energy, water, transportation and the environment.

Our energy business serves a client base including electric utilities, cooperatives, municipalities, investor-owned utilities, independent power producers, industry, education and healthcare institutions and government agencies.

We are a dominant player in the combined heat and power market, specializing in serving clients with high head loads and 24/7 operation who need energy reliability, peak shaving, load shedding and load following. We also have particular expertise in boiler water chemistry and treatment.

Stanley Consultants is ranked 78th in Engineering News-Record magazine's annual list of the top 500 design firms; 22 in Top 25 Power, 15 in Top 25 Transmission and Distribution and 11 in the Top 50 Fossil Fuel.

Contact Doug Cowin at CowinDoug@stanleygroup.com or 773.714.2048 for more information about our energy and water services.