



Focus Group Topics

October 20-22, 2010



Focus Group '09 Topics

- Improving Energy Efficiency by Integrating Energy Supply w/Energy Demand *June '09*
 - *Fundamental Approach to Energy Management*
 - *Real Time Energy Management & Optimization Systems*
- Alternative Solid, Liquid, Gaseous Bio/Renewable Energy Fuels *Sept '09*
 - *Potential Impacts of Biomass and Alternative Fuels on Boiler Equipment*
 - *Solid Fuel Alternatives*
 - *Liquid Fuel Alternative*
 - *EPA Landfill Gas Program Update*
- Emission Control Systems *Dec '09*
 - *Mercury Control*
 - *NOx Control*
 - *Particulate/SO₂ Control*



Focus Group '10 Topics

- Practical Solutions for GHG Regulation Compliance in Tomorrow's Powerhouse *March'10*
 - *Overview of Status of State Level and EPA Regulatory Actions/Initiatives*
 - *A Statistical Method of Driving Energy Efficiency and Savings at the Process/Plant Level*
 - *Achieving Superior Energy Performance*
 - *Carbon Capture and Sequestration*
- Connecting Boiler Operation w/Environmental Performance *June'10*
 - *Organizational Behavior/Systems that Result in a Team Effort*
 - *Operator Training*
 - *Startup/Shutdown/Malfunction Issues*
- Energy Efficiency and BMACT Tune-ups for Small Boilers *Sept'10*
 - *Tune-ups for Small Boilers*
 - *Comprehensive Tune-ups for Variable & Full Load Operation*
 - *Mechanical Modifications & Combustion Optimization*
 - *Solar Solutions to Preheat Boiler Feedwater and Combustion Air*

Suggested Future Focus Group Topics

- **Advanced Technologies (Boiler, Control)**
- Ambient Air Modeling and Monitoring
- Benchmarking
- **BMACT (costs, living with, Vendor Presentations on How They Intend to Meet)**
- Boiler Design (Package, Stoker, FBC, etc.)
- Burner Performance
- Environmental Management Systems
- **Fuel Analysis (C&D, Tires/RDF)**
- Good Combustion Practices
- Maintaining High Reliability/Avoiding Tube Ruptures
- **Total Boiler Water System (Regs, Technology, Operations)**