

**Agenda**  
**Biomass Boiler Workshop**  
**May 3 - 4, 2023**  
**Surfside Beach, South Carolina**

**Wednesday, May 3**

6:40 - 7:40 **Breakfast (provided by workshop sponsors)**

**Morning Technical Session**

7:40 - 7:55 **Opening and Welcome, Introductions, Workshop Intention/Approach (JANSEN)**

7:55 - 8:55 **Stoker Conversion Design Considerations and Fuel Distributors (Detroit Stoker Company)**

8:55 - 10:10 **A Comparison of Biomass Overfire Air (OFA) Systems (JANSEN)**

10:10 - 10:25 **Mid-Morning Break**

10:25 - 11:30 **Fans: Design, Efficiency, and Horsepower Requirements (ProcessBarron)**

11:30 - 12:30 **Sources and Nature of PM and Aerosol Emissions from Biomass Combustion (LDX Solutions)**

12:30 - 1:30 **Lunch (provided by workshop sponsors)**

**Afternoon Technical Session**

1:30 - 2:40 **Optimization and Controls of Biomass Combustion Systems (Enero Solutions)**

2:40 - 3:30 **Opportunities for Increased Steam and Power Generation (JANSEN)**

3:30 - 3:45 **Mid-Afternoon Break**

3:45 - 5:00 **Boiler Asset Risk Management Are you handling ALL the Risks? (Fornax Services)**

5:15 - 6:25 **Attitude Adjustment Hour All Invited**

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6:45 - 9:15 **Dinner (provided by workshop sponsors) All Invited (Guests welcome)**

**Dinner Restaurant:**

**The Claw House**

**4097 Hwy 17 Business,**

**Murrells Inlet, SC 29576**

**Phone: +1 843.651.4415**

**[www.theclawhouse.com](http://www.theclawhouse.com)**

**(Bus Transportation to and from the restaurant will be provided)**

Enjoy Breakfast at an Expert Roundtable for One-On-One Question and Answer and Brainstorming Sessions

## Thursday, May 4

“Ask the Expert” Breakout Breakfast

6:45 - 7:50 **Breakfast (provided by workshop sponsors):**

### Morning Technical Session

- 7:50 - 9:00 **Materials Handling and Fuel Feed Equipment** (ProcessBarron)
- 9:00 - 10:00 **Cleaner Heat Surfaces - Wasting Less Energy: Systems For a Greener and More Available Boiler** (Heat Management)
- 10:00 - 10:20 **Mid-Morning Break**
- 10:20 - 11:00 **Analytical Tools for Evaluating Boiler Performance** (JANSEN)
- 11:00 - 12:00 **Boiler Condition Assessment During an Annual Shutdown** (Fornax Services)
- 12:00 - 1:00 **Lunch (provided by workshop sponsors)**

### Afternoon Technical Session

- 1:00 - 2:00 **Stack Testing: Why We Do It and How to Perform it Successfully** (CleanAir)
- 2:00 - 3:00 **Modern Multivariable Control of Cogeneration Systems** (Enero Solutions)
- 3:00 - 3:15 **Mid-Afternoon Break**
- 3:15 - 4:00 **Multiclone Dust Collectors; Design and Performance** (ProcessBarron)
- 4:00 - 5:00 **Technologies/Strategies to Control PM and Aerosol Emissions from Biomass Combustion** (LDX Solutions)
- 5:00 - 5:10 **Closing Remarks and Workshop Ends**

## Workshop Presenters/Sponsors

