



## AGENDA

### DAY 1 - WEDNESDAY, JUNE 1

8:30 am–8:45 am **Check-In & Continental Breakfast** (provided)

8:45 am–9:00 am **Welcome and Introductions**

- **Bob Gemmer**, *Industrial Technologies Program, U.S. DOE*

9:00 am–9:45 am **Advanced Natural Gas Reciprocating Engines (ARES) - Caterpillar, Inc**

- **Martin Willi**, *Caterpillar, Inc.*

9:45 am–10:30 am **Advanced Natural Gas Reciprocating Engines (ARES) - Cummins, Inc.**

- **Edward Lyford-Pike**, *Cummins, Inc.*

10:30 am–11:00 am **BREAK**

11:00 am–11:45 am **Advanced Natural Gas Reciprocating Engines (ARES) - Dresser Waukesha**

- **James Zurlo**, *Dresser Waukesha*

11:45 am–12:30 pm **Advanced Reciprocating Engine R&D**

- **Sreenath Gupta**, *Argonne National Laboratory*

12:30 pm–1:30 pm **LUNCH** (provided)

1:30 pm–2:15 pm **Combined Heat and Power Research and Development**

- **Dean Edwards**, *Oak Ridge National Laboratory*

2:15 pm–3:00 pm **Low-Cost Packaged Combined Heat and Power System with Reduced Emissions**

- **John Pendray**, *Cummins Power Generation*

3:00 pm–3:30 pm **BREAK**

3:30 pm–4:15 pm **Ultra Clean and Efficient Natural Gas Reciprocating Engine for Combined Heat and Power**

- **James Zurlo**, *Dresser Waukesha*

4:15 pm–5:00 pm **Advanced Low Temperature Absorption Chiller Module Integrated with a CHP System at a Distributed Data Center**

- **Richard Sweetser**, *EXERGY Partners Corp.*

5:00 pm–5:15 pm **Wrap-Up**

- **Bob Gemmer**, *Industrial Technologies Program, U.S. DOE*



## AGENDA (CONTINUED)

### 5:45 pm Optional No-Host Dinner

**Location:** L'Enfant Plaza Hotel, 480 L'Enfant Plaza SW, in hotel restaurant. Meet at hotel restaurant at 5:45 p.m.

Project Team members from both days are welcome to attend. \$40 cash payable on-site. No advance RSVP required.

## DAY 2 - THURSDAY, JUNE 2

8:30 am–8:45 am **Check-In & Continental Breakfast** (provided)

8:45 am–9:00 am **Welcome and Introductions**

- **Bob Gemmer**, *Industrial Technologies Program, U.S. DOE*

9:00 am–9:45 am **Combined Heat and Power Integrated with Burners for Packaged Boilers**

- **Carlo Castaldini**, *CMCE, Inc.*

9:45 am–10:30 am **Flexible CHP System with Low NO<sub>x</sub>, CO, and VOC Emissions**

- **David Cygan**, *Gas Technology Institute*

10:30 am–11:00 am **BREAK**

11:00 am–11:45 am **Flexible Distributed Energy and Water from Waste for the Food and Beverage Industry**

- **Aditya Kumar**, *GE Global Research*

11:45 am–12:30 pm **High Efficiency Microturbine with Integral Heat Recovery**

- **John Nourse**, *Capstone Turbine Corporation*

12:30 pm–1:30 pm **LUNCH** (provided)

1:30 pm–2:15 pm **Ultra Efficient Combined Heat, Hydrogen, and Power System**

- **Pinakin Patel**, *FuelCell Energy, Inc.*

2:15 pm–3:00 pm **Combustion Turbine CHP System for Food Processing Industry**

- **Kevin Chilcoat**, *Frito-Lay North America, Inc.*

3:00 pm–3:45 pm **Battleground Energy Recovery Project**

- **Daniel Bullock**, *Houston Advanced Research Center*

3:45 pm–4:00 pm **Wrap-Up**

- **Bob Gemmer**, *Industrial Technologies Program, U.S. DOE*