

CATEE 2008 Schedule:

This two-day conference and the preceding workshops are designed to address many of the important clean air and energy issues Texas is currently facing and the related policy issues that will be debated in the upcoming Texas Legislative Session. It will include speakers who are leading the charge from state and local government, the business industry, energy and energy efficiency providers, and consumer and environmental advocates.

Monday – Dec. 15 Pre-Conference Workshops		
7:30 am – 9:00 am	Registration	
9:00 am – 12 pm	Energy Code Compliance – IC3 <p>This workshop offers an overview of the International Code Compliance Calculator (IC3). The IC3 is a web-based software tool designed to provide a simulated performance of energy code compliance for single family residential construction. This powerful, but easy to use, software tool has been developed by the Energy Systems Laboratory (ESL) of the Texas Engineering Experiment Station (TEES) at Texas A & M University. The tool can capture quantitative above-code compliance as well as emissions reduction credits for the State Implementation Plan (SIP). IC3 features a simplified entry of the minimum house parameters necessary to estimate energy performance as compared with the Texas Building Energy Performance Standards (TBEPS).</p>	Community-Based Energy Management <p>The Texas A&M University College of Architecture and Energy Systems Lab are presenting this workshop targeted at representatives of Counties, Municipalities, and School Districts. Participants will learn the value of energy management as the first step toward energy planning and meeting the energy reduction goals legislated in SB12. Attend this workshop to learn how to establish your energy use baseline and create your energy management plan. Resources for creating a local government energy plan and potential efficiency funding opportunities specific to these communities will also be discussed. <i>This workshop is sponsored by the State Energy Conservation Office and the Rebuild America Rural Community Building Initiative.</i></p>

12:00 pm – 1:00 pm	Box Lunch in the Exhibit Hall
1:00 pm – 5:00 pm	<p>Combined Heat and Power (CHP)</p> <p><i>The Gulf Coast CHP Applications Center and the Texas CHP Initiative</i> is hosting a half day workshop on policy issues specific to Combined Heat and Power (CHP). The event will highlight the opportunities for CHP in Texas and discuss the benefits to adopters and to the public at large. The workshop will help frame the issues affecting CHP and energy efficiency. The workshop is designed for any registrant of the CATEE Conference interested in the market and policy issues affecting CHP. This workshop will not be technical in nature.</p>
5:00 pm – 7:00 pm	Reception in the Exhibit Hall
<p>Tues – Dec 16 CATEE Conference</p>	
7:00 am – 8:00 am	Continental Breakfast in the Exhibit Hall
8:00 am – 9:45 am	<p>CATEE General Session Welcome to Plano – Mayor Pat Evans</p> <p>Guest Speaker: S. David Freeman, known to some as the “Green Cowboy” and author of “Winning Our Energy Independence: An Insider Shows How” is known for his candid talk about what he refers to as the 3 poisons: foreign oil, dirty coal, and nuclear power. David offers practical solutions for both businesses and individuals to live a more energy efficient life. David is currently the President Commissioner of the Los Angeles Port Authority. He previously served as Chairman of the Board of the California Consumer Power and Conservation Financing Authority. In his distinguished forty-year career of public service, Mr. Freeman has been shaping public awareness, helping design governmental institutions, and writing the policies that define the framework for U.S. environmental and energy policy. He has served as an advisor on energy and the environment to Presidents Johnson, Nixon, and Carter. He was Chairman of the Tennessee Valley Authority during the Carter administration, and has run many of the most important public power utilities in the country.</p>

9:45 am – 10:00 am

Break in the Exhibit Hall

10:00 am – 11:45 am

In the Pursuit of Efficiency

Leading organizations are committing to aggressively pursuing energy efficiency opportunities within their organizations and to lead by example in their local communities. Improving our Air Quality cannot happen based on the work of one individual or organization alone, so many programs are bringing the appropriate stakeholders together—including utilities, state policy-makers, consumers, consumer advocates, businesses, ESCOs, and others—to be part of a collaborative effort to take these efforts to a new level. We will present some of the most innovative projects or programs that best demonstrate the potential value of these efforts.

Moderator: Margaret Keliher, *Executive Director for the Texas Business for Clean Air*

Panelists:

Cris Eugster, *Chief Officer for Sustainable Growth for Mayor White, City of Houston*

Jim Crites, *Executive Vice President, DFW Airport Board*

Joe L. Lopez, Jr., *P.E., Energy Manager, H-E-B*

Nat Treadway, *Managing Partner, Distributed Energy Financial Group*

RECs, Carbon Trading, and Carbon Footprints

This panel will examine what’s likely to happen at the federal level regarding greenhouse gas emissions regulation and the technologies required to meet that challenge. We’ll consider the McKinsey & Co. study/cost abatement curve which charts the cost/market potential of more than 250 greenhouse gas abatement technologies. The discussion will include what utilities, local governments and businesses can do, or are doing, to take advantage of the opportunities and drive investment in proven clean technologies.

Moderator: Susan Glickman, *Southern Region Director for The Climate Group*

Panelists:

Melinda Taylor, *UT*

Charles Nunu, *Managing Director of Element Marks*

John Savage, *Founder and Managing Director of the Verdeo Group*

Sascha Petersen, *Climate Protection Plan for the City of Austin*

11:45 am – 2:15 pm

CATEE Luncheon and Annual Awards Ceremony – Leading by Example

2:15 pm – 3:45 pm

“Leading by Example” – awards will be given in all 5 categories – Nominations are now being accepted!

- Outstanding Non-Profit Organization – Environment Defense Fund
- Outstanding Commercial Enterprise Award – Texas Instruments, Plano
- Outstanding Government Official – Mayor Bill White, Houston
- Outstanding Government Organization Award – The City of Austin.
- Gregg Cooke Award for Excellence in Environmental Leadership – Tom “Smitty” Smith, Public Citizen – Texas

Building a Better Future: Opportunities for better buildings

Building energy efficiency is the cheapest, cleanest strategy for reducing emissions, improving grid reliability and moving us toward a sustainable future where a large portion of electric loads can be met with renewable resources. This panel will identify some goals and some near term opportunities for improving new buildings through energy code enhancements and green building standards, and leveraging improvements in existing buildings by getting reliable energy performance information into the marketplace.

Moderator: Tom Fitzpatrick, *COO for Texas HERO*

Panelists:

Steve Saunders, *President of Texas HERO*

Betsy del Monte, *Principal and Director of Sustainability for BECK*

Air Quality Quandary: Facing New Deadlines

Most Texans live in regions that fail to meet federal air quality standards. Some of these regions have been working to reduce pollution for years but others will face regulatory obligations for the first time due to EPA's recent tightening of the ozone standard. Moreover, in July, a federal appeals court vacated EPA's Clean Air Interstate Rule which promised to significantly reduce ozone pollution from power plants in the eastern U.S. How will Texas meet these new air quality deadlines? Specifically, what role can energy efficiency and new transportation technologies or policies play? A balanced panel of experts will offer a glimpse into the future.

Moderator: Ramon Alvarez *of Environmental Defense Fund*

Panelists:

Judge Chad Adams, *Ellis County*

James Yarbrough, *Environmental Scientist - Air Quality Analysis*

Sheila Blake, *CBO, Assistant Director of Code Enforcement for the City of Houston*

Harry Misuriello, *Board Member of the Energy Efficient Codes Coalition*

for EPA Region 6

Chris Klaus, *North Central Texas Council of Governments*

David Schanbacher, *Chief Engineer - Air Quality Division for the Texas Commission on Environmental Quality*

3:45 pm – 4:00 pm

Break in the Exhibit Hall

4:00 pm – 5:30 pm

Energy Efficiency Potential in Texas

The 80th Texas Legislature directed the Public Utility Commission to research the potential for energy efficiency in Texas and, in particular, to study whether the utilities could reduce growth in demand, in stages, by 30% and 50%. The Legislature also directed the PUC to prepare a report on combined heat and power. The Commission has contracted with Itron to complete the energy efficiency study and with Summit Blue to prepare the CHP report. Findings from these studies will be presented to the Legislature in the upcoming session. In addition, the Environmental Protection Agency, the Texas Commission on Environmental Quality, the PUC, and the Energy Systems Laboratory have been working on a study to evaluate the impact of additional energy efficiency on air emissions from electric generating plants. This enables decision makers to assess the impact of energy efficiency on air emissions. This panel will include a discussion of the conclusions of these reports and what they might mean for legislative action in the 2009 session.

Moderator: Jess Totten, *Director of Competitive Markets at the PUC*

Panelists:

Mike Messenger, *Consultant for ITRON*

Stuart Schare, *Senior Consultant for Summit Blue Consulting*

Art Diem, *Environmental Engineer, EPA*

5:30 pm – 7:00 pm

Reception in the Exhibit Hall

Wed – Dec 17
CATEE Conference

7:00 am – 8:00 am

Continental Breakfast in the Exhibit Hall

8:00 am – 9:45 am

Friends with Funds: Financing Efficiency

Innovative financing of energy efficiency investments is becoming increasingly available, although it is sometimes accompanied by complex requirements. This panel will provide an overview of current financing mechanisms ranging from utility incentive programs, energy service companies, energy efficient mortgages, low interest loans, tax incentives, emissions credits, demand response payments, and other opportunities. The discussion will provide perspectives on how these and other financing resources must evolve over time to meet the immediate need here in Texas.

Moderator: *David Pickles, Vice President of ICF International*

Panelists:

Mike Stockard, Energy Efficiency Manager for Oncor

Dub Taylor, Director of the State Energy Conservation Office

William R. Prindle, Vice President, ICF International

Bernie Bernfeld, Vice President, Wachovia Mortgage, FSB and President, Austin Mortgage Bankers Association

9:45 am – 10:00 am

Break in the Exhibit Hall

10:00 am – 11:45 am

Getting Smart about Smart Metering

Smart Metering is coming to Texas, but no one knows just what intelligent applications will be developed or whether they will ever be adopted. Issues such as settlement, TDU web portals, security, and the Home Area Network (HAN), and the role of demand response will be discussed. Panelists will provide an up to date look at the options, advantages and obstacles for this new technology. What are the utilities, REPs and energy service providers planning or developing for this market and what is the potential impact on pricing or consumer behaviors? What if we deploy 5 million meters and the opportunities are not realized?

Moderator: *Brett Perlman, Senior Vice President for EnerNOC and former PUCT Commissioner*

Panelists:

Jason Few, Senior Vice President, Smart Energy Reliant Energy

Bob Chiste, CEO of Comverge

Mike Sherburne, Director, Rates and Retail Regulation, Oncor

Christine Wright, Public Utility Commission of Texas

Representative Phil King

Taking New Technology to Commercialization

Taking ideas from the lab to the consumer can be a long and arduous process. This panel will take a look at some of the challenges faced by new technologies or concepts that are associated with the electricity sector. Perspective will be provided from the view of academic research as well as the commercial transition from the lab to the marketplace. The

"energy storage challenge" (including fuels, grid scale electricity, and wastes) and the opportunity for cooperation among private industry, academia, and government to solve the overall demand issue associated with electricity generation, will provide focal point for this discussion.

Moderator: *Carey King, Research Assoc. at CIEEP, UT-Austin*

Panelists:

Rob Parry, CEO, ZBB Energy Corporation

Carey King, Research Assoc. at CIEEP, UT-Austin

Mike Lockherd, Director of the North Texas Regional Center for Innovation & Commercialization

Brett Cornwell, Director of Commercialization Services for Texas A&M University

12:00 pm – 1:30 pm

Networking Lunch

1:30 pm – 3:00 pm

All Together Now: Final Session Wrap-up

We will end the conference with a discussion panel consisting of all the moderators mentioned above. We will use this opportunity to capture the lessons learned; the changes needed in both practice and in policy, and encourage open discussion including all participants.

Moderator: *Robert King, President of Good Company Associates*

Panelists will include all Session Moderators mentioned above.

Registration and other administrative assistance will be available each day for all CATEE, Workshop, and Hot & Humid Climate Building Symposium attendees during the hours above – in the conference lobby.

Exhibit hall will be open from 9:00 am on Monday through 3:00pm on Wednesday.

[Please visit our registration page now to get the early bird pricing!](#)