The CATEE 2016 program features one day of ½ day workshops and two days of conference sessions across three tracks led by academic, agency and industry leaders.

### CATEE 2016 Program Agenda

**Dec 19 – 21, 2016**

Hyatt Regency Riverwalk, San Antonio, TX

The CATEE 2016 program features one day of ½ day workshops and two days of conference sessions across three tracks led by academic, agency and industry leaders.

### CATEE 2016 Conference Tracks

<table>
<thead>
<tr>
<th>Air Quality</th>
<th>Energy Efficiency</th>
<th>Renewable Energy</th>
<th>Cross-cutting Categories</th>
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</thead>
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#### Monday, December 19, 2016 – PRE-CONFERENCE WORKSHOPS

<table>
<thead>
<tr>
<th>Time</th>
<th>Workshop</th>
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</table>
| 9:00 am - 12:00 pm | **Continuous Commissioning® Workshop**  
Joseph T. Martinez, PCC®, Energy Systems Laboratory, TEES  
Sebastian J. Eluvathingal, Energy Systems Laboratory, TEES  
Carlos Yagua, PE, Energy Systems Laboratory, TEES  
hosted by Texas A&M Energy Systems Laboratory  
**Solar for Local and State Governments Workshop**  
Dan Lepinski, PE, Solar Consultant & Electrical Design Engineer  
Tamara Cook, NCTCOG  
Lori Clark, NCTCOG  
sponsored by Performance Services  |
| 1:00 - 04:00 pm | **ERI, IC3 and IECC 2015 Workshop**  
Presenter: Shirley Ellis  
hosted by Texas A&M Energy Systems Laboratory  
**Energy Efficiency Workshop for Local Governments**  
Workshop Moderator: Quinn Tolbert  
Lee Riback, Cxa, CEM, LEED-AP  
Charlene Heydinger, Texas PACE Authority  
Golda Obinzu, City of San Antonio  
sponsored by McKinstry  
**Solar Tour**  
Mission Solar and Alamo 1 Solar Farm & Grid Storage Battery  
Hosted by OCI Solar and CPS Energy |

#### Tuesday, December 20, 2016 – DAY ONE CATEE CONFERENCE

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 8:30 – 10:00 am | **CATEE 2016 Opening General Session**  
Welcome, Betin Santos, CATEE Executive Director  
Welcome, Douglas Melnick, City of San Antonio  
Host Utility: Ricardo Luna, CPS Energy  
Opening Keynote: *When Making a Difference, Really Makes a Difference*, John Tooley, Advanced Energy |
| 10:00 - 10:30 am | Networking Break |
| 10:30 - 11:45 am | **Emerging Technologies Showcase**  
Panel Chair: Eddy Trevino, SECO  
UTSA Flow Battery Testing and Demonstration Project  
Dr. Juan Gomez, UTSA  
1MW Grid-scale solar storage project  
Byungwook Lee, OCI Solar  
Geothermal Power and Desalination  
James Jackson, Thermal Energy Partners LLC  
**Energy and Water – Two Sides of the Same Coin**  
Panel Chair: Kate Zerrenner, EDF  
*Why Does the Energy-Water Nexus Matter?*  
Kate Zerrenner  
*Data-driven Insights on Customer Water Use*  
Brewster McCracken, Pecan Street  
*Water/Energy Resources*  
Karen Gut, San Antonio Water System (SAWs)  
*CPS Energy’s Generation Strategy & Water Stewardship*  
Kim Stoker, CPS Energy  
**Overview of Renewable Energy in Texas**  
Panel Chair: Melissa Miller, EDF Renewable Energy  
*Overview of Wind Energy in Texas*  
Susan Williams Sloan, American Wind Energy Association  
*Overview of Solar Energy in Texas*  
Charlie Hemmeline, Texas Solar Power Association  
*Overview of Geothermal Energy in Texas*  
Dustin Gregoire, Bosch Thermotechnology  
*Overview of Energy from Landfill Gas in Texas*  
Paul Pabor, Waste Management |
| 11:45 am - 1:00 pm | **State of The State Luncheon**  
SECO Update, Dub Taylor, State Energy Conservation Office (SECO)  
State of The State, Dr. Jeff Haberl, Energy Systems Laboratory, TEES & College of Architecture, TAMU  
**Regional and Community Programs**  
Panel Chair, Nicholas Jones, AACCOG  
*SA Tomorrow Sustainability Plan: A vision for a sustainable San Antonio*  
Douglas Melnick, City of San Antonio  
*Austin Energy’s Energy Efficiency Programs*  
Denise Kuehn, Austin Energy  
*2030 Districts in Texas*  
Elizabeth Kertesz, SPEER  
*SECO Regional Benchmarking Tool*  
Jennifer Ronk, HARC  
**Texas Energy Manager’s Association: Defining Sustainability to Develop a Sustainability Management Plan**  
Panel Chair: Ashley Williams, City of Temple  
Paul Buckner – Bryan ISD  
Paul Raabe – Northeast ISD  
Keith Ordeneaux – City of Pearland & Pearland ISD  
**Utility Perspectives on Renewable Energy**  
Panel Chair: Steve Wiese, Frontier Associates  
Transmission and Distribution Utilities and Retail Electricity Providers  
Steve Wiese, Frontier Associates  
*Electric Cooperatives’ Engagement with Renewable Energy*  
Ingmar Sterzing, Pedernales Electric Cooperative  
*Municipal Utilities’ Engagement with Renewable Energy*  
Chris Foster, Georgetown Utility Systems |
<p>| 1:00 - 2:15 pm | Networking Break |</p>
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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>2:15 - 2:45 pm</td>
<td>Networking Break</td>
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<tr>
<td>2:45 - 4:00 pm</td>
<td><strong>Central Texas Corridor</strong>&lt;br&gt;Panel Chair: Ana Sandoval, Air and Health Collaborative of San Antonio&lt;br&gt;Andrew Hoekzema, CAPCOG&lt;br&gt;Allie Blazosky, Alamo Area MPO&lt;br&gt;Mario Bravo, EDF&lt;br&gt;Nicholas Jones, Clean Cities, AACOG</td>
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<tr>
<td>4:00 - 4:15 pm</td>
<td>Networking Break</td>
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<tr>
<td>4:15 - 5:30 pm</td>
<td><strong>Clean Air Act Policy and Legislative Panel</strong>&lt;br&gt;Panel Chair: Cyrus Reed, Ph.D., Conservation Director, The Sierra Club, Lone Star Chapter&lt;br&gt;Councilman Ron Nirenberg, City of San Antonio&lt;br&gt;TM Mayes, Chief of Staff, County Judge at Bexar County&lt;br&gt;Lori Clark, NCTCOG&lt;br&gt;Andrew Hoekzema, CAPCOG&lt;br&gt;Scott D. Storment, AACOG</td>
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<tr>
<td>6:00 - 7:30 pm</td>
<td>Evening Reception</td>
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<tr>
<td>9:00 - 10:30 am</td>
<td><strong>Energy Efficient &amp; Sustainable Airport Facilities</strong>&lt;br&gt;Panel Chair: Dr. Morad Atif, Texas A&amp;M University&lt;br&gt;Houston Airport’s IAH Energy Initiatives Project, Robert A. Barker, City of Houston, Houston Airport Systems&lt;br&gt;Benchmarking and Profiling Airport Terminal Energy End Uses, Juan-Carlos Baltazar, Texas A&amp;M University&lt;br&gt;Energy Management at Toronto Pearson Airport, Ronak Patel, Greater Toronto Airport Authority (GTAA)</td>
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